Usenet Newsgroup Archive: rec.radio.amateur.misc

1995-01 - 1995-03

These Usenet messages were preserved as a plain-text archive. This PDF was generated by Digital Library of Amateur Radio & Communications from the source text file in 2026.

Date span: 1995-01-01 through 1995-03-31

Source text: rec.radio.amateur.misc.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 4,588

Message records with no readable body available in the source text: 24

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. HF DX Grid Hunting

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 01:00:29 UTC
From: rc@itchy.ncsl.NIst.GOV
Message-ID: <9501010100.AA05240@itchy.ncsl.nist.gov>
Source record: 254166

I have been wondering for some time why the HF DX crowd hasn't started chasing Grids. Serious DXers "ran out of countries" years ago (except for the few created from the USSR, and artificially manufactured ones). They'll run out of IOTA eventually; then what? GRIDS.

While the recent posting proposed an completely informal setup, the "audience" will surely want arbiters, wall-paper, etc.... There is already a field corps of VUCC QSL-card checkers, and the system seems to work well. If the League doesn't care to pick up the concept, maybe CQ or some Region 1 ham society will...

While W5FF has worked nearly all the continental USA 4-character grids on 6, the vast number of them world-wide should hold the HF DX crowd for quite a while.

73 de Bob w3otc@amsat.org

PS I have worked 434 4-character grids in 44 2-character fields on SIX METERS. Let's see, that's 19096 "points". Now, if I could get cards out of some of the difficult ones....

2. Free Cabinet rack

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 01:47:39 UTC
From: herbie@news.dorsai.org
Message-ID: <D1pEBF.FFH@dorsai.org>
Source record: 254151

Heres the story. I have a cabinet rack
width 23 inches
Height 20 inches
Depth 16 inches
This is made to accept 19inch panels. Today these cost about 100 bucks.
Its all yours FREE FREE FREE Please take it out of here I need the room.
I am Tracy Diers w2oqk. You can reach me at 718-651-2798 or by Email
herbie@dorsai.org or by Email at herbie@ios.com. I am located in New
York City, Queens. Happy New Year.

3. Re: License in 2 weeks!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 01:59:24 UTC
From: carndt@netcom.com
Message-ID: <carndtD1pEv0.GGy@netcom.com>
Source record: 254153

In article <3e4nm3$5mo@newsbf02.news.aol.com> donbonds@aol.com (DonBonds) writes:
>Which VE did she go through? ARRL, W5YI, or ???
>
>Don N9IHW

ARRL

73,

Chris

4. Looking for a phone line interface (not a patch)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 02:14:27 UTC
From: carndt@netcom.com
Message-ID: <carndtD1pFK4.Hvz@netcom.com>
Source record: 254155

What I'm looking for pointers to is a radio/phone interface that will ring trip, answer and connect a radio (2m, 440 etc) to the phone line thru a VOX and maybe a bucket brigade device. I already have a microprocessor simplex patch, but it doesn't do what I would like in this case. We have an in home phone system, and I would like to be able to call an extension and be on the air. That way I can monitor and use the radio from anywhere in the house w/out having to move the radio or extend the antenna feed.

73,

Chris KD6DSI

5. Yaesu FT-530 mods?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 03:33:45 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <xU+6QEh.edellers@delphi.com>
Source record: 254156

Does anyone have the details on how to unlock extended coverage on *late production* versions of the Yaesu FT-530 dual-band HT? My uncle just bought one; he has the mod sheet that was posted two years ago (it's on the Walnut Creek QRZ! CD-ROM), but he says that the connections on his rig don't match those listed.

--
Ed Ellers, KD4AWQ

6. Re: Acess to Internet?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 03:56:00 UTC
From: rsj@news.radio.org
Message-ID: <3e594g$hov@wa4mei.radio.org>
Source record: 254157

In <31941229234013.0007186758PJ2EM@MCIMAIL.COM> 0007186758@mcimail.COM (Frank C. Morris) writes:

>Good afternoon everyone! I have really been getting a kick out of all the
>information that comes from this Info-Ham.

>A question that I am looking for the answer is "What have you found as the
>best source to entering directly into Internet?" I am looking for the
>cheapest rate and the best working system. I would prefer a source with a
>800 number or at least one that has numbers in most major cities.

>I live in Louisiana and the closed major city to me would be Shreveport. I
>now just enough about Internet to be dangerous, HI HI. But I am wanting to
>learn more.

>Any help that you can pass along will be most appreciated.

>Also I am currently receive Internet mail via MCI Mail, due to the fact that
>I am not charged for any incoming files. Again, TNX to anyone that can shed
>some light on this subject for me.

>DE Frank C. Morris, N5YZM...

If you live in an area that doesn't have local access numbers for access and charge high fees for their 800 lines you might want to contact Prometheus Information Network Group (PING) at (800) 746-4835. They have 800 access lines to the Internet, slip/ppp for $5.40 an hour (9 cents/min).Which includes the 800 access and the IP connection. If you have to dial long distance you probably end up paying more than that.

Randy
--
Randy Jarrett WA4MEI
EMAIL rsj@wa4mei.radio.org | MAIL: 54 Patterson Rd.
PHONE +1 404 822 4073 | Lawrenceville, GA 30244

7. new ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 05:20:30 UTC
From: mkhalil@nmsu.edu
Message-ID: <3e5e2u$bto@dns1.NMSU.Edu>
Source record: 254159

- -

8. Re: Looking for a phone line interface (not a patch)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 05:48:12 UTC
From: gfiber@halcyon.com
Message-ID: <gfiber.15.2F06421C@halcyon.com>
Source record: 254165

In article <carndtD1pFK4.Hvz@netcom.com> carndt@netcom.com (Chris Arndt) writes:
>From: carndt@netcom.com (Chris Arndt)
>Subject: Looking for a phone line interface (not a patch)
>Date: Sun, 1 Jan 1995 02:14:27 GMT

>What I'm looking for pointers to is a radio/phone interface that will
>ring trip, answer and connect a radio (2m, 440 etc) to the phone line
>thru a VOX and maybe a bucket brigade device. I already have a
>microprocessor simplex patch, but it doesn't do what I would like in this
>case. We have an in home phone system, and I would like to be able to
>call an extension and be on the air. That way I can monitor and use the
>radio from anywhere in the house w/out having to move the radio or extend
>the antenna feed.

>73,

>Chris KD6DSI

Chris,

Look into AEA's HamLink unit. It does exactly as you want.

73' Gary Fiber

9. Earthwinds

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 06:36:11 UTC
From: kemp@k12.wcsu.ctstateu.edu
Message-ID: <kemp.47.00019A6D@k12.wcsu.ctstateu.edu>
Source record: 254149

[No readable article body recovered]

10. Earthwinds

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 06:38:58 UTC
From: kemp@k12.wcsu.ctstateu.edu
Message-ID: <kemp.48.0001A653@k12.wcsu.ctstateu.edu>
Source record: 254150

A radio network now reports that the 5th attempt of the Earthwinds Balloon has failed after covering about 100 miles. Apparently some problem with the lower balast tank. Looks like its back to the drawing board again.
Pete, KZ1Z

11. Yaesu FT-530 mods?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 08:43:02 UTC
From: rickmcm@delphi.com
Message-ID: <9501010343591.The_Win-D.rickmcm@delphi.com>
Source record: 254148

In article <xU+6QEh.edellers@delphi.com>, Ed Ellers <edellers@delphi.com>
writes: >

> Does anyone have the details on how to unlock extended coverage on *late
> production* versions of the Yaesu FT-530 dual-band HT? My uncle just bought
> one; he has the mod sheet that was posted two years ago (it's on the Walnut
> Creek QRZ! CD-ROM), but he says that the connections on his rig don't match
> those listed.
>
> --
> Ed Ellers, KD4AWQ
>

If you are talking about the 800 Mhz receive, forget it. It can't be done on
the late
production rigs as far as I know. I believe that the last lot number that
could be modified had a serial number that started with 4D.

Good Luck

Rick

12. Amateur Radio: Elmers List Info and Administrivia

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 12:00:22 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/admin-1-788961618@gonix.com>
Source record: 254160
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/admin
Revision: 1.10 10/30/94 22:07:48
Changes: Uniform Resource Locators (URL's) now used throughout

This administrivia file and the companion Amateur Radio Elmers Resource
Directory are intended for non-commercial distribution via Usenet. Any
other uses, please E-mail for permission.

[Special note: My E-mail addresses have changed, reflecting a move to
Greater Omaha Public Access Unix, which was motivated by a desire to
seek a stable site for the Elmers List for some time to come. See my
signature below for the new addresses. My old E-mail addresses, at the
University of Nebraska at Omaha, will probably work for the foreseeable
future, but are not guaranteed.]

In order to standardize the Internet resource notation used in this
Directory, I've decided to adopt Uniform Resource Locator (URL) format
throughout. In addition to being a straightforward, human-readable,
format for specifying File Transfer Protocol (FTP) archives, Gopher
and World-Wide Web (WWW) servers, and Usenet newsgroups, it is also
amenable to formatting as hypertext links in Hypertext Markup Language
(HTML). For example, users viewing this document at the Ohio State
World-Wide Web Server (see "How may I obtain the latest copy of the
Elmers List?" below) will see all URL's converted to hypertext links
on their WWW client. Rather than fumbling with the various
conventions of FTP, Gopher, WWW, and Usenet News software, the
document or directory referenced by a hypertext link is but one mouse-
click (or key-click) away.

Scott Ehrlich has graciously agreed to be a WWW Elmer and provide
further information about how to obtain and use WWW client software
such as Lynx and Mosaic (see his entry). While I'm happy to
incorporate the latest and most popular information-formatting
standards into the documents that I maintain, I really can't allow
myself to be dragged into the role of a WWW help-desk for all of the
Internet. Please understand this when I politely refer you to other
Elmers, easily-obtainable on-line documentation, or even local
expertise such as resident gurus, consultants, or help-desks at your
school, company, or information service provider.

I expect there to be a bit of controversy regarding my adoption of
this somewhat radical new standard, especially to many users who can't
or won't use WWW. Those users should be assured that I wouldn't have
adopted a standard unless it was easily human-readable by those
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accessing this document as straight ASCII (which is one of the main reasons why the entire Elmers list isn't HTML, MIME, MMDF, or one of many other competing, mostly non-compatible, information formats). The URL format is easily mapped into human FTP, Telnet, Gopher, and Usenet News reader commands. For example:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/README

Anonymous FTP to ftp.cs.buffalo.edu and get the file README under the /pub/ham-radio directory.

gopher://oes1.oes.ca.gov:5555/

Access the Gopher root page at oes1.oes.ca.gov via non-standard port 5555 (if the standard Gopher port of 70 was used, the ":5555" part would be replaced by ":70" or most likely not appear at all).

telnet://callsign.cs.buffalo.edu:2000/

Initiate a Telnet (remote terminal) session with callsign.cs.buffalo.edu via non-standard port 2000 (if the standard Telnet port of 23 was used, the ":2000" part would be replaced by ":23" or most likely not appear at all).

news:rec.radio.info

Access the rec.radio.info newsgroup on your Usenet newsreader from your local news server.

URL's that start with:

http:

Are only accessible via WWW client software (which is why almost all http: URL's in this directory also have corresponding ftp: or gopher: URL's).

For more information about URL formats, see:

http://www.cc.ukans.edu/lynx_help/URL_guide.html
ftp://nis.nsf.net/documents/rfc/rfc1630.txt
http://info.cern.ch/hypertext/WWW/Addressing/URL/URI_Overview.html

Disclaimer: While I have personally confirmed the accuracy of all URL's through the Lynx WWW client, any referenced documents external to this document are subject to future changes beyond my control. In addition, with networks and their administration being what it is, many services with up-to-date URL's may be temporarily unreachable. Please consult with your local gurus, consulting staff, or help-desk to confirm that it's a non-local problem, then ask the Elmer him or herself (me in the case of URL's which appear outside of individual entries). The currency and accuracy of URL's should be at least no worse than that of the Elmers entries themselves (which are each individually confirmed by me every 2 years, and updated within 1 month on request of the Elmer).

A Brief Historical Overview:
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If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described in the list of Frequently Asked Questions for this newsgroup.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Howard Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1947-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and

desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?
++++++++++++++++++++++

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is a Usenet Elmer?
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With the ever-widening scope of the Internet, and the amateur radio newsgroups on Usenet, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I have started to maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area of expertise. I have set up an administrivia mailbox for this purpose (elmers-request@gonix.com, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?
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There are currently 7 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the companion postings to this message, "Amateur Radio: Elmers Resource Directory [A-M]" and "Amateur Radio Elmers Resource Directory [N-Z]." Since the list is cross-posted to the following newsgroups:

news:rec.radio.amateur.misc
news:rec.radio.info
news:rec.answers
news:news.answers

on the 1st of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles or articles that are "threaded" to this one. Also complain to your local news administrator (E-mail to "news" or

"usenet" on your local host) if your local news server is configured to ignore Expires headers (and thus prematurely delete the articles) in worthwhile, mostly moderated, information newsgroups like those listed above.

2. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from the following sites:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elmers/

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the latest copy may be obtained from the mailing-list gateway for that newsgroup (along with many other informational articles about radio) when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway of rec.radio.info, or want a copy of the list right away, send E-mail to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index
send usenet/news.answers/radio/ham-radio/elmers/list/a-m
send usenet/news.answers/radio/ham-radio/elmers/list/n-z
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail within 24 hours (the mail-server uses batch priority to reduce system demand).

The last three services are experimental. I'm not terribly familiar with them, and cannot offer much technical support regarding their use. (I'd appreciate feedback on whether or not you find them useful, though.)

5. Internet Gopher: The latest copy of the list should be available from the following Gopher sites:

gopher://cc1.kuleuven.ac.be/
gopher://jupiter.sun.csd.unb.ca/
gopher://gopher.univ-lyon1.fr/
gopher://ftp.win.tue.nl/
gopher://gopher.win.tue.nl/

see also news:comp.infosystems.gopher

6. World-Wide Web (WWW): The latest copy of the list should be available from the following WWW site:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/elmers

The advantage of reading the Elmers list at this site via WWW client software is that all URL's are converted to hypertext links.

see also:

news:comp.infosystems.www.misc
news:comp.infosystems.www.providers
news:comp.infosystems.www.users

7. Wide-Area Information Service (WAIS): The latest copy of the list should be available from the WAIS server at:

wais://rtfm.mit.edu/usenet

see also news:comp.infosystems.wais

How may I contribute to the Elmers List?
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By using this resource, you are benefitting the net by obtaining assistance in the fastest and most efficient way possible. By volunteering to appear on this list, you are contributing to the good reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

13. Amateur Radio: Elmers List Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 12:00:27 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/index-1-788961622@gonix.com>
Source record: 254161
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/index

Quick Search Index by Subject:

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

AMATEUR RADIO EMERGENCY SERVICE MAILING LISTS
(ARES)/RADIO AMATEUR CIVIL
EMERGENCY SERVICE (RACES) Ackerman (TAPR Net-SIG)
Bellville (First Contact Newsletter)
Botterell (Networks in Emergency Botterell (Networks in Emergency
Management Mailing List) Mangement)
Chilton (EMA Radio Officer) Engehausen, et al (AA4RE Packet
Engehausen (RACES Bulletins) BBS)
Fyodorov (Russia) Dodell (Land-Mobile Radio,
Humphries (ex-Asst. EC) MARS Members)
Magid Ehrlich (Many, see full entry)
Stader (EMAS SEC) Freeman, M (ACC Equipment)
Wilson Hill (Antique and Older
Tube Equipment)
AMATEUR TELEPRINTER OVER RADIO Knapp, et al (Iowa State Elmers)
(AMTOR)/PACKET TELEPRINTER OVER Knell (UK TCP/IP Networking Group)
RADIO (PACTOR)/RADIO TELETYPE (RTTY) Meredith (PBBS Bulletin Forwarding,
F6FBB Packet BBS)
Battles Nerenberg (DX)
Doane Schleck, et al (College Clubs)
Feeney (PACTOR) Wier (Motorola HC11/HC16 and ICOM)
Freeman, J (AMTOR and PACTOR) Williamson (Many, AMSAT-related)
Graham, P
Reynolds (ARQ and FEC modes) MEDIA (PUBLICATION/WRITING/
Richards BROADCATING)
Sayer (also decoding CHU's
ASCII time code) Battles (QST)
Bellville (First Contact Newsletter)
AMERICA ON-LINE Bloom (QEX)
Coletti, et al (Newsline)
Stader (Host, Lau (QST/QEX)
Ham Radio Club forum) Lloyd (QRZ! Ham Radio CDROM)
Moore (Co-Host, Ham Radio and More)
AMERICAN RADIO RELAY LEAGUE
(ARRL) MEDIUM FREQUENCY (MF, 160 meters)

Battles (QST Features Editor) Freeman
Bloom (ARRL HQ Postmaster, Harris
QEX Editor) Zurn
Doane (CT SM)
Ehrlich (WWW Page) MICROWAVE
Elmore (CO TC)
Hare (Laboratory Manager) Graham, P (1.2 Ghz repeaters)
Jahnke (VEC Manager) Hammill
Lau (Technical Editor) Jahnke (SSB/CW SHF Contesting)
Redding (Educational Advisor) Lau (Transverters up to
Sefranek (EMAS TA) 24 Ghz)
Stader (EMAS SEC) Sargent (3, 5, and 10 Ghz)
Turner (Volunteer Counsel) van Vliet (including Power
Wilson (SCV SM) Amplifiers, Low-Noise Amplifiers,
and Mixers)
ANTENNAS
MILITARY AFFILIATE RADIO SYSTEM
Brewer (wire HF) (MARS)
Billson (HF)
Brubaker (HF) Doane (Navy)
DePolo (including VHF/UHF) Dodell (Air Force, Mailing List)
Elmore Miller (Air Force)
Freeman, J (wire HF and 160m) Monson (Army)
Graham, J (wire HF for Sargent (Army)
apartments) Schildt (Army MARS HQ Internet/
Halbert (simple designs) Milnet Contact and Registration
Harris Service)
Hill (Mobile, including HF) Taylor (Air Force)
Humphries (VHF and multi-band Welch, J (Navy/Marine Corps)
wire arrays) Welch, V (Navy/Marine Corps,
Kulyov (HF, especially 160 and list of MARS members on the
80m) Internet, tentative BBS
Myers (and transmission conference)
lines)
Ornitz (including computer MOBILE
modelling)
Potter Carruth (FM and HT's)
Reynolds Hare (RFI issues)
Rymell Hill (including HF)
Salnick Humphries
Salyzyn Keller (HF)
Sefranek Salmon (Maritime)
Silva Sargent
Standerfer Salyzyn (HF CW)
Stine (wire HF)
Stockton NATIONAL TRAFFIC SYSTEM (NTS)
Taylor
Zurn (wire HF) Doane
Elmore
ANTIQUE AND OLDER EQUIPMENT Salyzyn (Canada)
Sargent

Brewer (40's-70's) Zurn (Europe)
Hill (Mailing List)
Keys (including HF and CW) NOVICE/TECH INSTRUCTION
Moore, T (VHF)
Paperman (Manuals, Service Bellville (First Contact Newsletter)
Information, and Literature) Billson
Standerfer Bono (AutoExam/AutoCW)
Turner (including Kenwood and Carlson (Macintosh Hamstacks)
Ten-Tec) Chilton
Knapp, et al
APPLE MACINTOSH COMPUTER Larson
Magid
Braun Maia
Carlson (Macintosh Hamstacks) Myers (including basic
Ehrlich (FTP archive) electronics and communications
Stader (List of Macintosh theory)
Amateur Radio Software) Picha
Van Peursem (Savant) Redding
Reeves
BATTERIES Salmon
Stader
Hammill (Sealed Lead-Acid)
Meyers PACKET
Stuart (including Ni-Cads)
Ackerman (including TCP/IP,
BULLETIN-BOARD SYSTEMS (BBS'S) TAPR, Net-SIG, and Kantronics
D4-10 19.2kBaud Radio Modems,
Appell (including Alinco and Joint IP Coordinator for Ohio
Yaesu Product Info and Feedback) Subnet)
Gathergood (CQ Centre) Angus (TCP/IP, NOS, UUPC,
Tnet, and SNEWS, SCO Xenix
CALLSIGN DATA/NATIONAL TECHNICAL TCP/IP and Sendmail, IP
INFORMATION SERVICE (NTIS) Coordinator for CA - LA
County Subnet)
Carruth Battles (AX.25 and TCP/IP)
Lloyd (including QRZ! Ham-Radio Bloom (IP Coordinator for
CDROM) Connecticut Subnet)
Braun (TCP/IP, Macintosh, IP
CIVIL AIR PATROL (CAP) Coordinator for WNY Subnet)
Cole (TCP/IP and NOS)
Carlson Dodell (IP Coordinator for
Moore, J Arizona Subnet)
Elmore (including TCP/IP)
COLLEGE CLUBS Engehausen, et al (AA4RE Packet
BBS and Mailing List)
Edwards Freeman, J (KAM, TCP/IP, NOS for
Knapp, et al DOS and OS/2)
Schallehn Fyodorov (AX.25 and TCP/IP in
Schleck (et al, Mailing List) Russia)
Goldstein (Packet Radio and TAPR

COMMERCIAL EQUIPMENT WWW Server)
Graham, J (KAMterm)
Dodell (Mailing List) Graham, P (VHF)
Picha Knapp, et al
Richards Knell (UK TCP/IP Networking Group
Wier (ICOM Mailing List) Mailing List)
Meredith (AZ Packet Coordinator,
CW (MORSE CODE) PBBS Bulletin Forwarding Mailing
List, F6FBB Packet BBS Mailing
Bono (AutoCW) List)
Elmore Nerenberg (TCP/IP)
Fyodorov (including Cyrillic) Nielsen (TAPR)
Keys (including CWIST HF CW Net) Reynolds (including TCP/IP over HF)
Kulyov Salyzyn (Canadian)
Picha Sargent
Rosenfeld Sayer (VHF)
Salyzyn Schliesser (Joint IP Coordinator
Silva for Ohio Subnet)
Squicciarini Schallehn (Kantronics)
Stine Stader (TCP/IP and Macintosh)
Stockton Vail (TCP/IP, TAPR/9600, IP
Tescher (Computer Programs) Coordinator for East/Central
Zurn (including European Massachusetts Subnet)
abbreviations) Van Peursem (Savant and
Macintosh)
DIGITAL SIGNAL PROCESSING (DSP)
PART-15 BROADCASTING
Bloom
Bruhns Ornitz
Edwards
van Vliet (Filters, including POWER SUPPLIES
Integrated, Distributed,
Lumped, and Active) Myers
Sefranek
EQUIPMENT TESTING/TROUBLESHOOTING Stuart

Billson PRODUCT INFO/FEEDBACK
Brewer (Tube Gear)
Bruhns (Low-Level/Low-Frequency Appell (Alinco and Yaesu)
Analog and Transmission Line Freeman, M and Shirley (Advanced
Measurements) Computer Controls - ACC)
Freeman, J (PC ISA Bus) Paperman (Manuals, Service
Hare (ARRL Laboratory Manager) Information, and Literature)
Myers Wier (ICOM)
Ornitz (Instrumentation)
Paperman (Manuals, Service QRP (LOW POWER)
Information, and Literature)
Rymell (Electronics and Computer Billson
Service Work) Halbert (HF)
Salnick Harris

Salyzyn Sargent (VHF)
Sefranek (including Power Supplies Stockton
and Amplifiers) Turner (including Ten-Tec
Standerfer Argonaut)
Stockton Ehrlich, et al (Mailing List)
Taylor Zurn
Tescher
Witte (Instrumentation) RADIO FREQUENCY INTERFERENCE (RFI)

FREQUENTLY ASKED QUESTIONS (FAQ's) Elmore
Graham, P (including PC's)
Bloom (ARRL E-mail and Info Server) Hare (including Automotive,
Bowen (Supplemental FTP Archives, Telephone, and Cable Television)
Internet Callbook Server) Myers
Cheeseman (Australia) Stockton
Dodell (rec.radio.info Newsgroup) Witte
Ehrlich (World-Wide Web)
Goldstein (Packet Radio WWW Server, RECIPROCAL LICENSING/FOREIGN OPERATION
including Packet FAQ)
Hill (Antennas) Andrews (New Zealand)
Holmstead (Satellites/Space) Flaherty (South Pacific)
Jahnke (VE Exams Scheduled) Fyodorov (Russia)
Kluft (General) Levine (Australia and Japan)
Salyzyn (Radio Amateurs on Usenet) Salmon
Stader (Macintosh Amateur Radio Salyzyn (Canada)
Software) Stockton (UK)
Turvey (United Kingdom) Zurn (Italy and Germany)
Williams (Ham Radio World-Wide Web
Server) REPEATERS
Woods (Mail Order Electronics)
Yee (Online Repeater Directory) Battles
Chilton
HANDICAPPED OPERATING De Armond
DePolo (VHF/UHF)
Billson Graham, P (including 1.2 Ghz)
Doane Keller (220 Mhz)
Knapp, et al Knapp, et al
Schallehn (VHF/UHF)
HIGH FREQUENCY (HF)/ Witte
CONTESTING/DX
SATELLITES
Battles
Brubaker Bass (including low-cost, QRP
Chilton Microsat stations)
Elmore Feeney
Fyodorov Flaherty (including OSCAR)
Hill (Mobile) Picha (Local AMSAT Coordinator,
Knapp, et al Anything Amateur-Satellite-
Kulyov Related)
Nerenberg (DX Mailing List) Williamson (InstantTrack, OrbitDRV,

Rosenfeld (including practical AMSAT Services)
QSLing tips)
Salmon (including DXpeditions) SEMINARS/LECTURES
Salnick
Silva Humphries
Squicciarini Redding
Tidd (DXCC Databases) Stuart (Batteries and Power
Zurn Supplies)

HOMEBREWING/DO-IT-YOURSELF TANDY COLOR COMPUTER AND OS-9

Billson (6809 uP) Billson
Bloom (including DSP)
Bruhns (including Low-Level/ TELEVISION, FAST-SCAN (ATV)
Low-Frequency Analog, DSP,
Surface Mounting, and Chilton
Transmission Lines) Feeney
Carruth (Digital Design, Hammill
Software)
Chilton TELEVISION, SLOW-SCAN (SSTV)
De Armond
DePolo (including VHF/UHF Langner
design and construction)
Edwards (including DSP) UNIX
Fyodorov (including computers)
Halbert (QRP) Angus (including SCO Xenix
Harris TCP/IP and Sendmail)
Keys (Junk Box projects, National Carruth (System Administration)
Electrical Code for Hams) Cole (including Linux)
Kohnen (Tubes) Ehrlich
Kulyov Freeman, J
Lau (Transverters, VHF/UHF, Moore, C (including X-Windows)
Filters, repeatable projects) Nerenberg (especially System
Myers (Transmission Lines, Administration, Networking,
Analog and Digital Design) and Electronic Mail)
Moore, T (Junk Box projects) Sayer (especially SunOS)
Ornitz (Chemical and Toxic Material Tescher
Use and Handling) Van Peursem (HP-UX and System
Picha Administration)
Rymell (Electronics and Computers,
Low-Cost projects) VERY HIGH FREQUENCY (VHF)/
Salyzyn ULTRA HIGH FREQUENCY (UHF)
Sayer (Class-C Bipolar Amplifiers
and Phased-Lock-Loop Circuits) Battles
Silva (Analog, Digital, Tubes, Carpenter (6 meters)
Semiconductors, RF, Finding DePolo (Weak Signal, Contesting,
Parts) and Repeaters)
Stine (Tube Amplifiers, Flaherty (including Amplifiers and
Receivers, and Exciters) Mailing List)
Stockton (including QRP) Graham, P (Commercial Rig
Stuart (Batteries and Power Conversions)

Supplies) Hammill (including ATV and DX)
Taylor (Tubes and Amplifiers) Humphries (2m FM)
Tescher Jahnke (CW/SSB Contesting and
van Vliet (including Power Weak Signal)
Amplifiers, Low-Noise Amplifiers, Lau (CW/SSB to 222 Mhz)
and Mixers for Microwave) Moore, T
Picha (including Earth-Moon-Earth,
IBM PERSONAL COMPUTER (PC) AND EME, or Moonbounce)
CLONES Reynolds
Richards (Monitoring)
Angus Sargent (2 and 6 meter AM and
Bono (AutoExam, et al) Contesting)
Braun Silva
Cole Witte (including Portable
Ehrlich and Mountaintopping)
Freeman, J (including OS/2 and
ISA bus) VOLUNTEER EXAMINER (VE) PROGRAM
Fyodorov
Keller Billson
Picha (including use as Carlson (W5YI)
Controllers) DePolo
Tescher Ehrlich, et al (ARRL VEC Mailing
List
INTERNET SERVICES Jahnke (ARRL VEC Manager)
Kohnen (W5YI)
Ehrlich Maia (W5YI VEC)
Schleck Reeves
Salmon (Sunnyvale)
MAIL-SERVERS/ARCHIVES Sefranek (ARRL and W5YI)
Sternitzke (W5YI Asst. VEC)
Bloom (ARRL Info Server)
Bowen (rec.radio.amateur.*
Supplemental Archives)
Deignan (Buckmaster CDROM)
Ehrlich (Boston ARC FTP archive
and WWW Page)
Goldstein (Packet Radio and TAPR
WWW Server)
Harding (Ham Server)
Lloyd (QRZ FTP Archive and WWW
Server)
Nerenberg (Contesting, DX, and
Technical Amateur Radio WWW Page)
Nielsen (TAPR)
Planke (World-Wide Web Server from
the Technical University of
Ilmenau, including German
Amateur Radio Information, QSL
Data, and a Taiwan Callbook)
Shirley (ACC Equipment)

Williams (Ham Radio World-Wide Web
Server)

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

14. Amateur Radio: Elmers Resource Directory [A-M]

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 12:00:41 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/a-m-1-788961627@gonix.com>
Source record: 254162
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/list/a-m

More information about this list can be found in the companion posting
to this file, "Amateur Radio: Elmers List Info and Administrivia."

73, Paul, KD3FU

Amateur Radio Elmers Resource Directory (as of 01/01/95)
++++++++++++++++++++++++++++++++++++++++++++++++++++++
- A -
++++++++++++++++++++++++++++++++++++++++++++++++++++++

John Ackerman AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

My primary interests are in packet radio network building (particularly
higher speed stuff) and TCP/IP. I've got quite a lot of info on using
the Kantronics D4-10 19.2kB radios, as that's the hardware we've been
struggling with here.

TAPR (Tuscon Amateur Packet Radio) has formed a special interest group
to discuss issues of regional packet networking (Net-SIG). As a result,
the TAPR net-sig mailing list was born, and is now ready for operation.

This list is <not> intended to replace any of the existing packet-related
mailing lists. Its purpose is provide a medium for communications among
those interested in packet radio networking, both dealing with technical
issues and political/regulatory ones. We'll discuss things like how the
potential 219MHz band will fit into the networking picture, how to link
areas using different networking schemes, how to set network parameters,
etc. The list's charter will be posted there regularly.

The address of the list is net-sig@tapr.org and you can subscribe by sending
mail to listserv@tapr.org with the text "join netsig".

Apart from subscribing to the list, you can contact me for further details
about the Net-SIG (including upcoming conferences).

(See also Bob Nielsen for more information about TAPR)

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP
numbers in Ohio to:

ipaddr@ag9v.ampr.org
```

which is a mailing list read by a team of coordinators.

(See also Tony Schliesser)

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

++

David Andrews ZL2SX

andrews@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
Advisory Group, which is responsible for all repeater coordination and
band-planning (LF, MF, HF, VHF, UHF, and above) in New Zealand. I would
be pleased to answer any queries with regard to reciprocal licensing or
frequency coordination that may arise.

++

Jeff Angus WA6FWI

jangus@skyld.grendel.com

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes,
And, I have successfully installed UUPC/extended 1.11k and SNEWS for those
MS-DOS afficionados out there. SCO-Unix tcp/ip and sendmail coming soon!

ampr.org IP Coordinator for California - Los Angeles County (44.016.xxx.xxx)

Hardware, software and wetware questions answered either with correct answers
or the name of someone who does know.

To contact: J. Angus PO Box 4425 Carson, CA 90749-4425 USA
Or Phone 1 (310) 324-6080 all day monday, 7 am - 10 am tuesday
through friday, 7 pm - 11 pm tuesday through thursday.

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

++

Jay Appell --> KA1SNA

1976-1978 FCC Personal Users Radio Advisory Committee
Task force for rules Rewrite Citizens Radio Service
Rules Interpretation

1988-Present Stratus Computer/ Technical Support Engineer

I am CEO of Creative Media Productions a multimedia consulting
company.

Address: Jay_Appell@cac.stratus.com
Telephone: 1-508-478-6969 X200 at Creative Media Productions
1-508-478-1429 24 Hour Ham radio BBS and other topics

I enjoy SCA reception and multimedia use in Amateur Radio. If anyone would
like to reach me by modem, 508-478-1429 (24 Hr) BBS 14,400.

I have been referred to as the ham responsible for digital users manuals
in amateur radio. The first manual was the DJ-590 and subsequent manuals
included the 560,580 and 600 for Alinco. My contacts in the amateur radio
community have helped other amateurs to know more about products, hidden
features and new product offerings. The BBS will now include the latest
info on YAESU and ALINCO products. If you have a product that you wish to
have evaluated for the general amateur community, please contact before
sending.

If you have questions with regard to customer service at these
companies, please forward to me and they will be passed to the company
contacts.

++
- B -
++

Ken Bass K4EVH

bassanco@access.digex.net

Licensed since 1959.

Experience in presently mostly Microsats, but I have experience on Modes A,
B, J, and Oscars. I have concentrated on "cheap" and low-power setups, like
my Microsat setup using in-the-attic homebrew/Radio Shack omnidirectional
antennas.

++

"""
Brian Battles, WS1O I Tel 203-666-1541, x222 I
QST Features Editor I Fax 203-665-7531 I "Stamp out sex:
ARRL HQ I Internet bbattles@arrl.org I Get married!"
Newington, CT USA I Amprnet ws1o@ws1o.ampr.org I
"""

VHF packet (AX.25 and TCP/IP)
HF SSB and RTTY
FM/repeaters
Clubs/activities
Public relations
Writing (for newsletters and ARRL publications)

++

Rob Bellville N1NTE

rbellville@aol.com

PO Box 515
Millbury, MA 01527-0515

ATTENTION RADIO NEWCOMERS!

Are you interested in radio communications but don't have
enough information? Do you have questions but no one to
ask? Are you looking for a publication geared toward the
novice radio enthusiast?

***** FIRST CONTACT *****

"First Contact" is a newly forming publication. An
electronically distributed email newsletter via the Internet
for the beginner. Here is a forum to get the information
you're craving. Get involved in this fascinating hobby!
Scanning, ham radio, shortwave listening, CB radio,
General Mobile Radio System (GMRS), etc. will all be
covered.

You input is essential to the success of this publication. I
need to know what you want to know and what subjects
you want covered in the newsletter. I will attempt to
publish on a monthly basis, possible bi-weekly if there is
enough interest.

The only "cost" on your part is to fill out a subscription form
completely (E-mail for a copy). A classified section is being
contemplated with a small fee to advertise. Hard copies
will be available to those without email access. Please
contact me for details.

Everyone is welcomed to subscribe whether you've never
turn on a radio or whether you're an old-timer. I am
looking for authors to contribute short articles on the
subjects you request.

So let's get "First Contact" off to a good start! Get your
radio information via email. Subscribe NOW!

++

Bob Billson, KC2WZ Internet: bob@kc2wz.bubble.org
21 Bates Way UUCP: ...!uunet!kc2wz!bob
Westfield, NJ 07090
908-232-2603 (evenings)

Advanced (since 1975) Troubleshooting
Homebrewing C and 6809 uP programming
Antennas (particularly HF) Volunteer Examiner

Digital Communications QRP

OS-9 operating system (UUCP is run on my Tandy Color Computer 3 :-))

10m is my favorite band even when it is "dead".

Member of Handi-Hams. Work as an Interpreter for the Deaf (I am hearing).

Interested in helping *any* would-be ham get their ticket. Ham Radio is a great(!) hobby and should not be kept a secret!

++

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League | Justice is being allowed to do whatever
225 Main St. | I like. Injustice is whatever prevents
Newington, CT 06111 | my doing so. -- Samuel Johnson

Postmaster, ARRL HQ (arrl.org)
QEX Editor
Digital Signal Processing (DSP)
ampr.org IP Coordinator for Connecticut subnet (44.088.xxx.xxx)

Collecting information for the next annual ARRL Computer Networking Conference.

For information about the ARRL info server, send E-mail to info@arrl.org with the word "HELP" in the message body.

ARRL info server files may also be accessed via anonymous FTP at:

ftp://oak.oakland.edu/pub/hamradio/arrl/

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

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/***\
* Rich Bono IMRICH UUCP:rbono@necis.ma.nec.com *
* (508) 635-6300 NM1D AMPR: nm1d@nm1d.nh.usa.noam *
***/

Author of the following MS-DOS ham programs:

AutoExam - Examination simulator and study aid
AutoCW - Morse Code practice program
DOSGATE - allows users to run programs on your PC remotely (AutoExam compatible)
AutoCall - Allows use of the Buckmaster HAMCALL CDROM online callbook with DOSGATE
AutoFax - Allows reception of weather fax using Kantronics TNC's

SeeSats - Real time satellite tracking (text only), DOSGATE compatible

Most of these programs are available via anonymous FTP from:

ftp://oak.oakland.edu/SimTel/msdos/hamradio/
ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

7 Red Field Circle
Derry, NH 03038

and enclose:

A FORMATTED high density diskette (either 1.44 MB or 1.2 MB; 3.5" or 5.25").
A Self Addressed STAMPED return diskette mailer.
A note explaining that you want a copy of AutoExam and/or AutoCW
(or one of the other programs).

I am always receptive to individuals interested in maintenance,
enhancements, and non-commercial distribution for these shareware
programs.

++

NETWORKS IN EMERGENCY MANAGEMENT ("Nets") DIGEST

"Networks In Emergency Management" is a moderated forum on the
use of computer networks and networked computers in the practice of
emergency management.

To join the "nets" mailing list, please send e-mail to
"nets-request@oes.ca.gov" with the word "subscribe" in the text
of the message. To remove yourself from the list, send mail to
that same address with the word "unsubscribe" in the text.

Check out the California Office of Emergency Services World-Wide Web
and Gopher Servers:

http://www.oes.ca.gov:8001/
gopher://oes1.oes.ca.gov:5555/

or Gopher bookmark entry:

Type=1
Name=Root gopher server: oes1.oes.ca.gov
Path=
Host=oes1.oes.ca.gov
Port=5555

- Art Botterell
acb@oes.ca.gov
(916) 262-1600 (in emergencies)
California Office of Emergency Services

++

Devon Bowen KA2NRC

bowen@olsen.ch

Maintainer of the rec.radio.amateur.* Supplemental Archives available
from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

Maintainer of the Internet Ham Radio Callbook Server at:

telnet://callsign.cs.buffalo.edu:2000/

For further information about the Callbook Server, please consult the
server's help facility, the rec.radio.amateur.misc FAQ, or additional
server documentation at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_callsign

Please direct all other feedback, submissions and administrivia
regarding these services to my E-mail address above.

++

Curtis Braun (curtis@computronics.com) (N2HKD)
Computronics, POBOX 1002 Fairport,NY 14450
Guest@Digital Telstar,Network Operations Center Kodak

Apple Macintosh, IBM-PC, and Sun Computers

I have extensive knowledge on Appletalk protocol down to the bit level.
I have also worked with various iterations of MacTCP applications.
(Routers, hubs, gateways, Ethernet, Localtalk, etc)

I am also familiar with the look and feel of the Mac OS, (Ver. 6 & 7),
and its associated troubleshooting. I have some application
experience with numerous programs. (including ARAP Apple remote
dial-in stuff).

ampr.org IP Coordinator for Western New York subnet (44.069.xxx.xxx)

(There is a readdressing plan which I will gladly mail to anyone
who requests it.)

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

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++

John Brewer WB5OAU

brewer@anarky.enet.dec.com

Wire antennas, restoration, operation and parts/tubes supplies
for most 40's-70's vintage gear.

++

Alan Brubaker, K6XO
alan@dsd.es.com

HF Antenna Systems
Contest Operating
General HF Operations
Propagation

++

Tom Bruhns K7ITM

tomb@lsid.hp.com

Electronic Circuits
Antennas and Transmission Lines

My electronics expertise is mostly analog, but I have some insights into
DSP applications that can do better in what used to be the analog
dominions. I can be of the most help with low-frequency analog stuff,
particularly measurements and low-level/low-noise/low-distortion
applications. I breadboard with IC's, discretes, and surface mounts
(which I prefer to use now, as surface mounting requires less drilling
of PCB boards once they are etched). My electrical engineering
education (Ph.D.) emphasized control systems. I also have a clear
understanding of transmission line measurements and behavior (a
personal research interest for the last 25 years or so).

++
- C -
++

Diana L. (Syriac) Carlson
Hudson, NH
dls@genrad.com
KC1SP

QSL Bureaus (how to use them)
Volunteer Examiner Service (how to become one)
Macintosh Hamstacks (available from
ftp://vixen.cso.uiuc.edu/pub/ham-radio/
)
Civil Air Patrol

++

Robert (Bob) Carpenter W3OTC

rc@cmr.ncsl.nist.gov
w3otc@amsat.org

6 meter SSB DX
Central States VHF Society

"2m FM isn't ham radio, but it's a good way to contact radio amateurs."

Disclaimer: Opinions expressed are those of the sender
and do not reflect NIST policy or agreement.

++

73 de Rusty Carruth, N7IKQ P.O. Box 27001, Tempe, AZ 85285
(602) 870-3330 !'s:{ames!ncar!noao!asuvax,mcdphx}!anasaz!rusty
@'s: rusty@anasazi.com LastResort: rusty%anasaz.UUCP@asuvax.eas.asu.edu
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting
tapes (especially Callsign tapes) from the Department of Commerce
National Technical Information Service (NTIS) or wanting other info on
callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise, really!

My job is currently System Administrator for a large Unix site so I know a
little bit about day-to-day Unix operations and Unix installation :-)
I also have much experience with constructing email paths that will work
rather than bounce.

I also have a fair amount of experience in hardware/software interfacing
and machine control.

++

Mark Cheeseman VK2XGK

cheese@asstdc.oz.au

Maintainer of the aus.radio FAQ

A copy of the FAQ may be obtained from:

ftp://grivel.une.edu.au/pub/ham-radio/aus.radio/faq/australia

Please direct all feedback, submissions and administrivia to my E-mail
address above.

++

Ken Chilton
KA1TIH, Advanced Class
53 Alan Road
Marlborough, MA 01752
chilton@emc.com
Design Engineer

Amateur Qualifications:
Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47

Assistant Radio Officer for the City of Marlborough
Emergency Management Agency
NESMC Region 440 MHz frequency coordinator
Trained in Electronics Engineering, Electrical Engineering,
Computer Sciences, Computer Programming, and Management
Knowledgeable in Rules, Regs, and interpretations

Areas I am also interested:
Homebrewing
Repeater Hardware, Control, Operation
Packet (AX.25)
Net Control Operations
Electromagnetics and EMP
HF SSB and CW operating
Satellite and Shuttle operation
Amateur Television
Elmering new HAMs

++

Derrick C. Cole KC4WEJ

cole@concert.net

Anything having to do with PC's, DOS, Unix, Linux, C, NOS, TCP/IP et al
is fair game. I'm not much help in the electrical/circuit department (but
I am learning/applying, though! :) If you feel such information could be
useful, I would of course offer any/all help I could provide.

++

< ^^^

Permission is granted to all amateurs who want to transmit the audio version in its entirety over nets or repeaters. The text version may be used for packet distribution as long as it is sent in its entirety and the BIN header is kept intact.

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Editorial comment, news items and all other business should be directed to Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
E-Mail - 3241437@mcimail.com or B.PASTERNAK@genie.geis.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or
D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks - Steve Coletti (within the conference/echo) or
bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)

See the entry for Scott Ehrlich for FTP archive information and receiving Newsline bulletins via E-mail.

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- D -
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John De Armond WD4OQC

jgd@dixie.com

Marietta, GA

Construction techniques, telemetry, repeater design and maintenance, most aspects of circuit design.

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Rev. Michael P. Deignan KD1HZ

A new ham-radio archive site and callsign server center has been set up
on the Internet.

The Buckmaster CDROM callsign database (which includes international
calls) and all the Buckmaster CDROM public domain files are available
for retrieval!

To access the Buckmaster callsign server:

telnet://ns.risc.net/

login as: hamradio (no password)

To access the file archives:

ftp://ns.risc.net/

Please direct all feedback and administrivia regarding this service to
root@ns.risc.net.

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somebody if needed.

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David Dodell WB7TPY, AFA6GB

Internet: david@stat.com FAX: +1 (602) 451-6135
Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
Amateur Packet ax25: wb7tpy@wb7tpy.az.usa.na

Member, USAF MARS

ampr.org IP Coordinator for Arizona subnet (44.124.xxx.xxx)

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

Owner of the Land-Mobile-Radio Mailing List

The purpose of this list is to allow discussion about commercial land-mobile radio equipment, its use and maintenance.

Owner of the Military Affiliate Radio Service (MARS) Members Mailing List.

The purpose of this list is to allow discussion about MARS (Military Affiliated Radio Service) activities. The list is open to all branches of MARS.

To subscribe to or unsubscribe from either of the above lists, please send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either land-mobile-radio or mars-list. An acknowledgement/welcome message should follow very shortly.

Moderator of rec.radio.info newsgroup

Please direct all rec.radio.info submissions to rec-radio-info@stat.com and all feedback and administrivia to rec-radio-request@stat.com.

For more information about rec.radio.info, see:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/rec-radio-info/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/
news:rec.radio.info

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- E -
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Thomas Edwards N3HAU

tedwards@eng.umd.edu

http://w3eax.umd.edu/thomas.html

Technopagan Priest
Member, University of Maryland ARA - W3EAX

Digital Signal Processing (DSP)
Electrical and Electronics Engineering

The UMARA is running a World-Wide Web hypertext page at:

http://w3eax.umd.edu/w3eax.html

Give it a try!

++

Kim Elmore, N5OP
1103 South Gay Drive
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
n5op@n5op.ampr.org

I'm the Technical Coordinator for the Colorado Section.
Areas of expertise:
RFI/EMI
Antennas
DX'ing
Contesting
HF propagation
CW

Areas where I have enough knowledge to be dangerous:
Troubleshooting
Traffic Handling
Homebrewing and construction practices

++

Roy Engehausen AA4RE

enge@almaden.ibm.com

AA4RE Packet BBS

Poster of RACES Bulletins

Thanks to Chris Spell <spell@seq.uncwil.edu>, there is now a mailing
list for AA4RE BBS program sysops. I hope all will subscribe. It
should be very helpful to all of us.

To send a message to the mailing list send it to:

aa4re@matsci2.uncwil.edu

To subscribe to the mailing list a user needs to send a message to:

aa4re-request@matsci2.uncwil.edu

With the following in the body of the message:

subscribe aa4re your_account_name@your.address.wherever

To unsubscribe one would send this text in the message:

unsubscribe aa4re your_account_name@your.address.wherever

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Scott Ehrlich, Amateur Radio Callsign: WY1Z
How to reach me: wy1z@neu.edu [Internet], wy1z@wa1phy.ma [Packet]
Boston ARC FTP archives: ftp://oak.oakland.edu/pub/hamradio/
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

I've played around with Mac and PC hardware, as well as dabbing a
little with DOS, UNIX, MacOS, with a tad of VMS operating systems.

I co-maintain the Boston Amateur Radio Club anonymous FTP file archives
with Phil Temples, K9HI (k9hi@netcom.com).

A sampling of the archives include:

A virtually complete archive of all ARRL bulletins since 1992 is
available at ftp://oak.oakland.edu:/pub/hamradio/barc/w1aw-list/

A mirror of all files available from the ARRL info server is also
available: ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/

The ARRL infoserver mirror has FCC Part 97 (U.S. Amateur Radio Service
Rules and Regulations) at:
ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/rib/part97.txt

Programs mentioned in QST are in:
ftp://oak.oakland.edu/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:
ftp://oak.oakland.edu/pub/hamradio/docs/newsline/

Mike Ardai, n1ist@netcom.com, runs the following Boston ARC mailing lists:

newsline-list (Amateur Radio Newsline)
w1aw-list (ARRL Official Bulletins)
letter-list (ARRL Letter)

ky1n-list (KY1N VEC listing, Local Boston area VE sessions)
barc-list (local Boston-area stuff)
barc-races (again, local)
fieldorg-l (ARRL Field organization discussions)
ham-tech (Untamed technical discussions about the hobby)
fox-list (local Boston stuff - T-hunting)
qrp-l (QRP, or low power, radio, previously maintained by Bruce
Walker at think.com)
arrl-exam-list (amateur radio license examinations scheduled in the US and
in some foreign areas.)
arrl-ve-list (ARRL VE Announcements, run by ARRL VEC Bart Jahnke)

To join any or all of the above:

Send a message to: majordomo@netcom.com
In the body of the message, type: subscribe list_you_want

Ham Radio and More, the radio show carried live every Sunday (6pm - 7pm
EST) on the Talk America Radio Network, now has a World Wide Web home page:

http://www.acs.oakland.edu/barc/ham-more/ham-more.html

The Boston Amateur Radio Club also has a World Wide Web Home Page:

http://www.acs.oakland.edu/barc.html

Due to the popularity of the KY1N VE listing and W1GSL's hamfest list,
I have incorporated both of these listings into the Boston Amateur Radio
Club's Web page:

http://www.acs.oakland.edu/barc/ne-happenings.html

With the cooperation of the Boston Amateur Radio Club, I have put
together a World-Wide Web page for the American Radio Relay League
(ARRL).

Since the ARRL does not yet have web capabilities of their own, this page
is being offered on the same site as the Boston Amateur Radio Club's web
page.

The address to access the page is:

http://www.acs.oakland.edu/barc/arrl.html

It has pointers to the ARRL Letter, E-mail addresses of HQ staff,
official League bulletins, and much more!

You will need Lynx, WWW, or Mosaic to view them (or you may obtain a
copy of the page via E-mail; send a message to listserv@info.cern.ch
with the word "help" in the body for more information). Ask me for
more details about this.

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- F -
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F. Kevin Feeney WB2EMS
Network Video Engineer
172 Caldwell Hall
Cornell University
Ithaca, NY 14853-2602
Phone - (607) 255-5186
FAX - (607) 255-5771
EMAIL - fkf1@cornell.edu

Pactor, Satellites, and Amateur Television

I'd like to hear from people with Pactor experience, maybe even make a
sched with someone for a maiden Pactor QSO.

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Reciprocal Licensing (South Pacific)
VHF (Propagation, Power Amplifiers)
Satellites (Project Oscar)

Owner of VHF Mailing List

To subscribe, send E-mail to vhf-request@w6yx.stanford.edu

--
-=Paul Flaherty, N9FZX/5W1JX |"The enemy of the good is the better."
->paulf@Stanford.EDU | -- William "Wild Bill" Donovan

http://w6yx.stanford.edu/calls/n9fzx.html

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+ Jay Freeman, WT9S Packet: wt9s@w9yci.il.usa.noam +
+ internet: freeman@eagle.sangamon.edu +
++

I can assist anyone with most PC installation/troubleshooting
problems. I have a good deal of experience installing and configuring
OS/2, have a good grasp of Unix (not a wizard yet though :), and a
thorough familiarity with the ISA bus and the cards that go in it.

On the radio side of things, I like digital modes and experimenting with
antennas, specifically:

- PACTOR and AMTOR
- Configuring Kantronics All-Mode (KAM) TNC's for proper operation
- Over a decade of packet experience, including setting up both DOS and
OS/2 versions of KA9Q NOS
- HF wire antennas, including 160m full-wave delta loops

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Monte Freeman KC4GPW

Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: ccoprfm@prism.gatech.edu
Bitnet: ccoprfm@gitvm1.bitnet

I am the list owner of a mailing list for people who have/are interested
in products produced by Advanced Computer Controls Inc. (ACC). For those who
might not know what ACC does; they produce products (mostly for the amateur
radio service) such as repeater controllers, digital voice recorders, remote
base control units, etc.

To join the ACC (Advanced Computer Controls) equipment discussion
mailing-list, send E-mail to listserv@gtri01.gatech.edu with "subscribe
acc-l your-name" in the body of the message. An acknowledgement and
welcome message will follow. Administrivia, policy questions,
or other queries may be directed to me.

(see also Mike Shirley WB6WUI)

++

Andy B. Fyodorov RW3AH, WL7AP

rw3ah@emercom.msk.su

PACKET: RW3AH @ R3ARES.#MOS.RUS.EU (temporarily down)
IP: 44.178.1.7 or rw3ah@gw.ra3apw.ampr.org

PO Box 899 Moscow
Zip-127018 Russia

Licensed since 1975
Experience in Emergency communications, Russian ARES Chief
Coordinator (since 1987) of Russian ARES Organization matters and networks
Owner of R3ARES BBS
General HF, Contesting, Net Controlling operations
Data communications, networks (TCP/IP, AX25)
computers (IBM PC, home made)
homebrewing electronics
antennas (particularly HF).
Proficiency in CW (Morse code)
(also former Ten-Tec dealer in ex-USSR)

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- G -
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Mike Gathergood G4KFK

mike@g4kfk.demon.co.uk

Tel +44 01753 582085
Fax +44 01753 592726

Sysop, The CQ Centre BBS

+44 01753 595468 and +44 01753 593524

Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs

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Howard Goldstein | "Civilization is the distance man | imotion@iu.net
InfoMotion, Inc. | has placed between himself and | CIS:75006,702
| his excreta" Aldiss |
http://iu.net/infomotion/hghome.html
"What doesn't kill me makes me stronger" Lisa

Packet Radio and TAPR are on the World-Wide-Web!

InfoMotion is proud to sponsor a series of web pages dedicated to Packet Radio. The series is accessible through the Packet Radio Home Page at this URL:

http://bb.iu.net/infomotion/pkthome.html

In addition, Infomotion is maintaining a Tuscon Amateur Packet Radio page for the time being:

http://bb.iu.net/infomotion/taprhome.html

What's here? A page of links (the Home Page), the TAPR Home Page, a page of Packet Pioneers and Contacts, a hypertext packet primer and FAQ, and more.

We seek: more packet-specific links to add and any comments and suggestions on how to make the series more useful. All ideas welcome, please send them to my E-mail address above.

++

Jim Graham

#include <std_disclaimer.h> 73 DE N5IAL (/4)

INTERNET: jim@n5ial.mythical.com | j.graham@ieee.org ICBM: 30.23N 86.32W
AMATEUR RADIO: n5ial@w4zbb (Ft. Walton Beach, FL) AMTOR SELCAL: NIAL

E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I wrote and released as shareware.

My professional field is telecom (data communications is my key area of expertise).

I also have experience with wire HF antennas for apartments and other small spaces.

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KJ6NN
Philip Graham
723 Berkshire Place
Milpitas, CA 95035

EMAIL: phil@ncd.com

My skills are listed below in no special order
- PC RFI reduction (Wrote a chapter for the new ARRL RFI BOOK)
- Repeaters (How to put one up)
- Repeaters (How to use one, without making others mad)
- 1.2 GHz (My repeater is on this band)
- VHF packet only (I hate HF packet)
- HF DX
- HF AMTOR, RTTY, ASCII
- Putting up a tower and/or HF beam

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- H -
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Dan Halbert, KB1RT
halbert@crl.dec.com

QTH: West Newton, MA, near Boston.

Building homebrew QRP gear.
Information about QRP-NE Club.
Advice on simple antennas.

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Brian Hammill, KD4BFJ | brianh@dante.exide.com
Software Engineer | Exide Electronics - Small Systems Group
Raleigh, NC | "Powering Your Network with Intelligent Solutions"

I am especially interested in VHF/UHF and microwave amateur bands as well
as Amateur television. I am treasurer and a founding member of the
newly-formed Triangle Amateur Television Association in Raleigh-Durham-
Chapel Hill, NC. I am willing to share my expertise in the following
areas:

ATV - Getting started, starting local activity, repeaters.
VHF/UHF - Propagation, what you need to get started, operating portable,
contesting, DX.

Sealed Lead Acid Batteries - How to take care of them.

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Steve Harding KA6ETB

steveh@grafex.sbay.org 408.252.0578 alternate: harding@nas.nasa.gov
For amateur radio related information, send a message to:

ham-server@grafex.sbay.org
Place HELP and GET INDEX on separate lines in the text.

HAM-server is now on a 486 with nearly 70 MB of data. Besides DOS, there are some UNIX, Mac, and OS/2 files.

Most files have been taken from the various ftp-servers world-wide. However, there are many programs that have been donated by HAM-server users.

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Ed Hare, KA1CV | ehare@arrl.org
American Radio Relay League |
225 Main St. |
Newington, CT 06111 |
(203) 666-1541 - voice
(203) 665-7531 - FAX
ARRL Laboratory Engineer

Radio Frequency Interference (RFI) matters
Equipment Testing

My survey of automotive EMI problems is mostly complete. The results are in September 1994 QST, including warranty and customer service information for most automobile manufacturers (many of whom have published installation guidelines).

I am also continuing to pursue more formal contacts and standards-making through the EMR and EMI Standards Committee of the Society of Automotive Engineers (SAE), of which I am a member.

Copies of General Motors installation guidelines are available. Saturn allegedly has a video on mobile installation, but none of the dealers seem to know about it. I have a call into one of my low friends in high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

EMI/RFI Resource List and RFI Tips package available. A business SASE with 98 cents postage is appreciated. Please specify the desired documents in your correspondence.

The FCC has released the results of a telephone interference survey just completed.

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ. Alternatively, you may obtain an electronic copy from the info server below.

If anyone is having a problem with CATVI, send a 9X12" SASE with 4 units of postage to the ARRL Technical Department Secretary. Ask for the "EMI/RFI Package" and "EMI/RFI - CATV." The CATV package includes a reprint of the article I wrote for Communications Technology -- the journal of the Society of Cable Television Engineers. Your local cable company will recognize this publication and will give credence to the words therein.

If you have any questions after you have read the material, contact me here at HQ. I can usually get back to you within a few days to offer some additional help.

Many amateur radio informational documents (including EMI/RFI files) are also available from the ARRL info server. Send E-mail to info@arrl.org with the word "HELP" in the message body.

ARRL info server files may also be accessed via anonymous FTP at:

ftp://oak.oakland.edu/pub/hamradio/arrl/

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Peter Harris G4BDQ (licensed since 1972)
pdh@ecs.soton.ac.uk

My specialities (brace yourself!) are:

QRP
Do-it-yourself antennae and equipment
A hatred of all Japanese radio gear
Radio legend and apocrypha
The use of horrific amounts of power on 160m
How Amateur Radio can be fun

++

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024|Fax: (615) 459-0038| Life Member - ARRL
root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"

Mobile Antenna Systems and Installation

An FAQ list for the rec.radio.amateur.antenna newsgroup is being contemplated. Please direct all submissions, feedback, and administrivia to my E-mail address above. Volunteer co-editors are most welcome.

BOATANCHORS CHANGEOVER RELAY GOES "KER-CHUNK"!!!

Greetings and welcome to the new and improved (but still vintage) "boatanchors" mailing list. An automated list manager should help things run more smoothly for everyone while still providing the same outstanding signal-to-noise ratio we have enjoyed since the list's beginning.

I have agreed to provide a new home for the list, with the blessings
of Paul Prescott N1AAC who took over from Our Esteemed Founder Jim
Lockwood KM6NK.

NOTE - You need not re-subscribe or take any special action other than
noting the new addresses listed below. The subscription list was moved
intact from the old mit.edu site and you are already on it if you got
this message.

Subscribers of the satellite list on boatanchors@beacons.cts.com will
also be moved to this new address.

The new mailing list address is now

boatanchors@ThePorch.com.

Use this now for messages of general interest to the entire group
Please don't use it to subscribe, change address, etc.

The new automated list manager address is

ListProc@ThePorch.com

Use this for subscribing, unsubscribing, getting archived info,
getting the FAQ message, changing your address, etc.
Now send a message to ListProc@ThePorch.com with just
HELP in the body to get info on how to do this.

The new list owner address is

ListOwn@jackatak.ThePorch.com

Use this address only when there is a problem which really
truly can't be resolved otherwise.

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____ ____
| / /_ __\ | Disk Stephen Holmstead All comments (c)1994
| | / / /_/ | | Memory ...!hplabs!hpdmd48!stephen Opinions are mine,
|___\ / /___| Division stephen@mail.boi.hp.com not my employer's.

Maintainer of the Ham Satellite FAQ

Available from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_satellite

Please direct all FAQ submissions, feedback, and administrivia to
my E-mail address above.

++

Ed Humphries Hewlett-Packard NARC Atlanta GA
N5RCK Internet edh@hpuerca.atl.hp.com

Past President, Williamson County (TX) ARC
Former Assistant Emergency Coordinator for

Williamson County ARES/RACES

2-meter FM, VHF Antennas, Mobile Installations
Organizing Amateur Radio Seminars and Programs
Multiband wire antennas, Field Day Activities
and general WeatherNet & public service enthusiast

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- I -
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- J -
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Bart J. Jahnke, KB9NM | USENET: bjahnke@arrl.org
Manager, ARRL Volunteer |
Examiner Program |
ARRL VEC Dept. | BIX: ARRL
225 Main St | MCI ID: 215-5052
Newington, CT 06111 | CompuServe: 70007,3373
Voice (203) 666-1541 | America On-Line: ARRL HQ
FAX (203) 665-7531 |
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* Listings of Examination Opportunities -- bi-weekly postings
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/
* Volunteer Examining procedures - ARRL VE Manual
* Support and Instruction for Volunteer Examiners - Coordinating Exams
* Member, National Conference of VECs Question Pool Committee
* Information on what's required to become an Amateur Radio licensee
* Contributing Editor - QST Magazine - Exam Info column
* On-the-air interests: VHF/UHF/SHF SSB/CW Weak Signal Operating and Contests

See the entry for Scott Ehrlich for information about receiving
ARRL VE announcements and examination schedules via E-mail.

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- K -
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Michael S. Keller AB5EL

mkeller@flp.mhs.compuserve.com (work)
71620.447@compuserve.com (personal, checked far less often)

Areas of particular knowledge:

PC-style computers
Mobile installations (rearranging mobile HF right now)
Repeaters (after a fashion--building a 1.25m repeater)

++

R.D. Keys

Dept. of Crop Science
NCSU
Raleigh, NC 27695-7620

rdkeys@csemail.cropsci.ncsu.edu

de NA4G, "Boat Anchor Bob", an ol' cw fart .....

If I can be of assistance in older equipment, junk-boxing
your way to hamdom, the cheapskate's approach, let me
know.

22 yrs a ham, extra class, mostly cw, mostly boat anchors
and radio in the traditional sense.

{Telegraphy has been in my family for almost 100 years!}

CWISTS Friday Night Fist Function

Standard time: Friday Nights at MIDNIGHT LOCAL TIME

Standard freq: 80 meters --- 3702.5 khz for all hands.
40 meters --- 7102.5 khz alternate, for all hands
(between the heterodynes)
(someone scout out a better QRG)

Standard calling signal: CWIST IMI DE <yourcall> K (if there
are no control stations calling for
you to check in), or,
CWIST DE <yourcall> K (if there is a
control station inviting checkins)
(The alternative check in for those OTs
with salt behind the ears is a simple
DE to get the control station's ears
followed by DE <yourcall> K when the
control station acknowledges.)

Note: A simple informal net style protocol will generally be
used, unless no control station assumes control for the
evening, in which case it is an open roundtable format
discussion group.

Note: The midnight local time gathering is designed to maximize
the number of checkins spread out over the world, so less
confusion and more checkins are heard. The hope is that
someone will be aboard almost anywhere and be heard at
least locally, anywhere in the world.

Definition: A CWIST is a person with an active interest in the PRACTICE
and USE of continuous wave radiotelegraphy as directly is
applicable to amateur radio. Such PRACTICE and USE may
take the form of learning about radiotelegraphy and its
history in amateur/commercial areas, its application to radio
telecommunication, the practicing of the art and craft of
radiotelegraphy, and the refining and developing of the

technology of radiotelegraphy.

Author of NA4G's National Electrical Code for Hams

ABSTRACT

This work was presented as a talk to the Homebrew Special Interest Group (HB-SIG) of the Raleigh Amateur Radio Society (RARS), on 15 January, 1991 and was revised for another presentation on 26 January, 1994.

This document contains excerpts of the National Electrical Code (NFPA 70-1990) that, in the author's opinion, apply to the installation of amateur radio equipment as would commonly be found in most amateur radio stations. Direct excerpts from the Code are contained within inset quotations. Paraphrased excerpts from the Code are itemized. The author's interpretation and discussion of the Code is set full-width. The author's interpretation and discussion of various sections of the Code is not meant to be all-encompassing, nor the official interpretation of the National Fire Protection Association, nor of any official governing body having legal authority of jurisdiction over electrical installations, but is meant to be used as a teaching tool for amateur radio operators.

For ease of access, the group of files have been 'rolled into one'...

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/nec-1994.tar.Z

(861,677 bytes, for Unix jocks)

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/nec-1994.zip

(732,309 bytes, using PKZIP 2.04g for MS-DOS users)

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Ian Kluft KD6EUI PP-ASEL
ikluft@thunder.sbay.org (home) ikluft@oes.amdahl.com (work) Santa Clara, CA

Maintainer of rec.radio.amateur.misc and rec.radio.cb FAQ lists

Available from:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq/

and

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/cb-faq/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/cb-faq/

Please direct all FAQ submissions, feedback, and administrivia to
hamradio-faq@kluft.com or cb-faq@kluft.com.

As with any volunteer effort, new volunteers are often needed. We need
new editors to post the above FAQ's. Preferably this should be
someone who has enthusiasm for hobbyist radio, experience with UseNet, and
the ability to work with the other editors. No single person can know
all the various aspects of these diverse hobbies so the editorial review
groups are intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is
written in PERL. So it would be a plus for volunteers to post the
FAQ to have PERL installed on their system and be able to use "cron"
or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer
should contact one of the above administrivia addresses.

A mailing list for rec.radio.amateur.* FAQ and Netiquette posting
maintainers, as well as anyone with a sincere interest in helping
keep the rec.radio.amateur.* newsgroups the friendly and useful
forums they are today, is also available. To subscribe, send E-mail
to rra-wg-request@amdahl.com.

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Steven M. Knapp KA9QOA Computer Engineering Senior
sknapp@iastate.edu Vice President Cyclone Amateur Radio Club
Iowa State University; Ames, IA Durham Center Operations Staff

A few members of our ham radio club were interested in helping out.
Since our turnover is usually 4 years or so (graduation is a horrible
thing), I thought it may be difficult for us to keep the list up to
date. I thought that by creating a local mailing list called
"elmers@iastate.edu" we could add or remove people as need be. There
would always be at least one person receiving mail on that list,
usually more! Even after I graduate, this list will be maintained
allowing ISU hams to easily help others.

Currently we have people with packet experience, some HF experience,
much repeater experience, in addition to a considerable background in
theory, as many here are electrical engineering or computer engineering
students. If a question can not be answered by the readers of the list,
there are many other local hams that could be prodded for the info.

Our local ham radio club has been especially interested in helping local
disabled hams (or hams to be) get on the air. But anyone local who
needed help would find a group at their door ready to work.

++

+--- Mike Knell -- Squashed Lagomorphia on the Information Superhighway(tm) --+
| Vending machines should NEVER NEVER| SMTP thing: m.knell@unicorn.nott.ac.uk |
| EVER eat money. - RFC1288 (Finger) | AX25 thing: G7GPA@GB7COV.#29.GBR.EU |
+----------- These are my opinions, not anybody else's, so bog off. ----------+

There is now a mailing list set up for the UK TCP/IP Networking Group
(UKIP). This is a loosely-organised group set up to promote the use of
TCP/IP networking protocols over radio in the UK, and to encourage the
establishment of high-speed backbone links and network gateways.

If you want to subscribe:
Send mail to ukip-request@cs.nott.ac.uk. This is handled by a
human rather than a listserver, so be polite :-)

To post to the list:
Send mail to ukip@cs.nott.ac.uk. Subscription requests and other
administrative bits and bobs should go to ukip-request, _not_ to
the list as this just means that lots of people read your
subscription message and get cross.

I can personally answer quite a lot of the questions about TCP/IP-related
subjects.

Be forewarned that the list is fairly technical in its discussions, so
probably not the best place for beginners to start :).

++

I'll be glad to help out with tube circuits and VE testing.
(W5YI VE# 3182)

73,
Louis J. Kohnen K2ANC
Penfield, NY near Rochester

K2ANC.Wbst128@xerox.com

++

Sergei L. Kulyov AA8OT, also UA3AP

Licensed since 1981

E-mail: otutatch@magnus.acs.ohio-state.edu (c/o with my wife)
Mail address: 1216 1/2 Highland St., Columbus, OH 43201

Education: avionics, radio telemetry systems

General HF, contesting (my love!), computers, home made equipment,
Antennas, HF, especially for 160/80 m., CW.

Club activities: DIG since 1984, AGCW-DL

Russian Navigator Company proprietor.

++
- L -
++

John Langner WB2OSZ
115 Stedman St. #E
Chelmsford, MA 01824-1823

(508) 256 6907 (home - civilized times only please)
johnl@world.std.com

Slow-Scan Television

++

Alan Larson WA6AZP

larson@net.com
larson@w6yx.stanford.edu

My areas are fairly general, and I teach classes
(Novice, with code, and upgrade sessions) at W6YX. My
main audience is to the Stanford (University)
community.

++

Zack Lau KH6CP/1 Expertise: Design of SSB/CW amateur transceivers
c/o ARRL Lab : up to 222 MHz. Design of transverters
Newington CT 06111 : up to 10.5 GHz. Basic lossy filter
(203)-666-1541 : design. Developing repeatable projects
zlau@arrl.org : using cheap, easy to get parts.

I'm now starting to look into 24 GHz SSB/CW gear using 10 Ghz as a
convenient IF.

Especially looking to help anyone wanting to be a QST/QEX
author--I can't write it all myself!

++

Bob Levine KD1GG 7J1AIS VK2GYN formerly KA1JFP
levine@mc.com <--Internet email Phone(508) 256-1300 x247
kd1gg@wa1phy.ma <--Packet Mail FAX(508) 256-3599

Amateur radio licensing in Australia and Japan

++

Fred Lloyd, AA7BQ flloyd@qrz.com
Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
----

Author of the QRZ! Ham Radio CDROM. Interested in receiving amateur
radio related public domain and/or shareware programs, data files,
frequency lists, etc., that would make a useful edition to the QRZ
CDROM. Can help arrange volume discounts for clubs and groups,
and will donate copies of QRZ to qualifying non-profit organizations.
Send E-mail or call +1 602 483-2036.

We now have the QRZ FTP archive and QRZ WWW server online, 24 hours a day. Our connection is via a T1 line so you should get pretty decent file transfer times.

We've got about 7,000 files online, including radio mods, software, most everything imaginable. We are also accepting uploads of all ham radio related material.

Feel free to stop by and have a look:

ftp://ftp.qrz.com/
http://www.qrz.com/ (WWW interface to the FTP archive as well as an Callsign database server)

++
- M -
++

Joel Magid WU1F

magid@wrksys.enet.com

ARES/RACES
Novice Instruction
General Theory

++

Fred O. Maia, W5YI

3511297@mcimail.com

P.O. Box 565101
Dallas, TX 75356

1-(800)-669-9594

Volunteer Examiner Coordinator
The W5YI Report
License Exam Study Materials
VE Exam Schedules Nationwide

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Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1-602-489-7384
P.O. Box 44563 Fax : +1-602-956-2566
Phoenix, Arizona BBS : +1-602-912-0225
85064-4563

Arizona Amateur Radio VHF/UHF Digital Coordinator

Ax.25: n7mrp@n7mrp.az.usa.na

Owner of the PBBS Bulletin Forwarding Mailing List

The purpose of this list is to provide Sysops and Networkers a server in which to forward bulletins and also discuss forwarding problems and obtain forwarding partners. This server is also for the exchange of general information relevant to all Amateur Related PBBS software packages available today.

Owner of the F6FBB Packet Bulletin Board System Mailing List.

The purpose of this list is to provide both sysops and networkers with tricks/tips/help as well as software updates for the F6FBB packet bulletin board system.

To subscribe to or unsubscribe from either of the above lists, please send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either bull-fwd or mars-list. An acknowledgement/welcome message should follow very shortly.

++

Jeffrey C. Miller NH6ZW/N0, AFA1HE

jmiller@gemstones.usafa.af.mil

USAF MARS

++

John Monson WB0PLW, AAA9EC

johnm@is.sprint.com
816-854-3015, Work hours (Missouri, Central Time)

Army MARS (Chief Staff Emergency Coordinator)

++

Chris Moore N6IYS

cmoore@cancun.rose.hp.com

I'm currently working on the following Unix and X-Windows applications for ham radio:

Logger/Awards Tracker
Radio Remote Controller (for Icom, possibly others)

They are still in the works, but hope to have them done soon. I'm
also happy to answer questions about X-Windows in general to encourage
its widespread use in the ham community.

++

John Moore 7525 Clearwater Pkwy, Scottsdale, AZ 85253 USA
john@anasazi.com Amateur call:NJ7E Civil Air Patrol:Thunderbird 381
Voice: day or eve:(602) 951-9326 FAX:602-861-7642 (by prior arrangement)

Civil Air Patrol

Co-Host - Ham Radio and More

Ham Radio and More is available for free to any AM station that is
willing to run it with national ads intact. If you want there to be a
nationwide amateur radio talk show, call your local station and ask
them to get the program. They don't have to be part of the Talk America
network. They can call KFNN in Phoenix (602-241-1510) or Talk America at
508-460-0588.

See the entry for Scott Ehrlich for the Ham Radio and More World-Wide
Web Page.

++

Tom Moore K1KAY

[no E-mail address at this time]

home phone: (508) 840-6843

QSX: Fitchburg 145.45 MHz
Harvard 145.41 MHz
6m AM 50.40 MHz

Junque-box specialties
old conversions vhf-oriented
shoulder to cry (or laugh) on

++

Bob Myers KC0EW
Hewlett-Packard Co.
Ft. Collins, CO

myers@fc.hp.com

Antennas, Novice/Tech instruction, batteries, power supplies, RFI, equip.
testing/troubleshooting, FAQs, homebrewing. Basic theory questions also
welcome.

My particular interest is in antennas and transmission lines, but I'm
also more than willing to answer whatever I can in general radio theory,

propagation, analog and digital electronics, etc.. (I'm a display engineer in "real life", have done my share of digital design, and have taught communication electronics at the local community college. I'm also active in some display and television standards activities.)

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(Continued in next part.)

15. Amateur Radio: Elmers Resource Directory [N-Z]

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 12:00:50 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/n-z-1-788961639@gonix.com>
Source record: 254163
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/list/n-z

(Continued from previous part.)

++
- N -
++

Lyndon Nerenberg VE7TCP/VE6BBM

lyndon@canada.unbc.edu.

I'm heavily involved in Internet Protocol (IP) networking over packet,
as well as system administration of UNIX and UNIX-like operating systems
(with an emphasis on networking, E-mail, etc.).

Maintainer of the Internet DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@unbc.edu

with the following line in the message body:

subscribe DX Your Name

I also maintain an amateur radio related WWW page at:

http://canada.unbc.edu/radio/

It focuses primarily on Contesting, DXing, and technical matters.

++

Bob Nielsen, W6SWE Internet: w6swe@tapr.org
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
[44.124.12.16] AX.25: w6swe@wb7tls.az.usa.na

Tuscon Amateur Packet Radio (TAPR)

I am no longer a TAPR officer, but try to help out with the TAPR file
server and am the "official" contact person on the Internet and CompuServe
(71540,2364).

To access the TAPR file server, send E-mail to:

file-request@tapr.org

To get the help file and a list of available files, send the following
commands in the body of the message:

help
dir
quit

All mail sent to that address is not read by a human. Conversely, mail
sent to tapr@tapr.org is read by a human who will be glad to take your
orders or process membership applications, but cannot send you
file server files.

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- O -
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Dr. Barry L. Ornitz WA4VZQ
Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
Kingsport, TN 37662 615/229-4904
INTERNET: ornitz@emn.com

Part 15 Low-Power Broadcasting

Antennas (including expertise in computer modelling using MININEC and
NIST modelling programs)

Instrumentation (my profession)

Chemistry advice related to Amateur Radio (corrosion, plating, PCB
etching, disposal of wastes such as transformer oil, solvents and
etching solutions, contact cleaners, toxic chemical exposure, etc.)

++
- P -
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W. David (Dave) Paperman WQ5Y

wpaperman@msmail.his.tch.tmc.edu

P.O. Box 7039
Cut 'n Shoot, TX 77303-0039
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)

I have a collection of service information and literature dating back
to the 1920's. I will be happy to assist those needing copies of
out-of-copyright information for specific makes and models of
receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of all
types. Unfortunately I have not taken the time to catalog all this
information, but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment,
(and I have the information in my collection) I will research and copy
it for you. Cost will vary depending on the time required to find the
information and the amount of pages to be copied. I estimate 10 pages
or less at $1.00/page including US postage. I will quote on larger
manuals.

This is NOT my career or a business. Any requests must be prepaid or I will
ship COD at additional postage costs.

++

Ed Picha N9EP

n9ep@amsat.org

604 Hawthorne Lane
Carpentersville, IL 60110

home phone +1 708 428 3645
packet N9EP @ W9ZMR.IL

24 yrs of ham experience, 20 with Amateur Extra ticket
15 years of product and system design experience in 2-way land mobile
business
AMSAT area coordinator and "satellite elmer" for 4 years

Areas of interest/expertise:

* Satellites...everything about ham sats
* General HF, particularly getting new hams on the air.
* IBM PC...ham applications, using PC compatibles as ham "controllers"
* CW, both operation and teaching
* EME (I am a novice here, but can certainly helps interested folks get
started)
* General homebrewing

++

Thomas Planke, DL5ATP Planke@Systemtechnik.TU-Ilmenau.DE
Technical University of Ilmenau Phone: +49 3677/69-1465
http://www.systemtechnik.tu-ilmenau.de/tp.html

A World-Wide Web Server for the Technical University of Ilmenau is
available at:

http://www.systemtechnik.tu-ilmenau.de/ham.html

It offers many links to other related WWW Servers, an introduction to
amateur radio in German, QSL information, and a callbook for Taiwan.
A German callbook will be added as soon as the data is available
electronically.

++

Dave Potter, K1MBO

potter@think.com

electronics theory, regulations, antennas and
transmission lines, operating practices.

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- Q -
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- R -
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Terrence R. (Terry) Redding WB5LMJ

DOMAIN: terry%red@lawton.lonestar.org
UUCP: . . . !rwsys!lawton!red!terry
PACKET: WB5LMJ @ WB5MJS.OK.USA.NA
Voice 405 536-8822, Ben's Place (Benjamin Franklin) BBS 536-6988 9p to 6a
PhD candidate, University of Oklahoma in Adult and Higher Education
Educational Advisor, American Radio Relay League
221 SW Crystal Hills Drive, Lawton, Oklahoma 73505

I am primarily an adult educator conducting research in self-directed
learning. I have been involved in the following activities:

- Teach licensing classes, since 1974.
- Organize clubs, Stuttgart Amateur Radio Club, Panama Canal Astronomy
Club, Lawton Astronomy Club.
- Public speaking and publish on growth in volunteer organizations,
marketing adult and higher education and teaching amateur radio
courses.
- Research in adult learning theory, adult motivation and organizational
theory.
- Conducted a SAREX activity that involve seven communities, 21 schools
and 3,000 children.

I am primarily interested in assisting amateur radio clubs grow.

++

Tony Reeves
KK6XC
QTH Beach Area of So. Los Angeles
Torrance, Redondo Beach, Hermosa Beach, Manhattan beach

tony@hacgate.scg.hac.com

Novice training, local VE for Novice-Tech tests,
General questions

++

Peter Reynolds reynolds@stc.nato.int CompuServe: 100276,1340
voice: +31-70-314-2401 fax: +31-70-314-2111 radio: KE4BAD
Senior Scientist, Radio Branch, Communications Division
SHAPE Technical Centre, PO Box 174, 2501CD The Hague, The Netherlands

I am very lucky in that I earn my living in radio communications, so my expertise is fairly broad (but not focused on amateur techniques only):

Modulation types - FSK, PSK, MSK
Error control - various types of ARQ and FEC systems
RF - Antennas, HF propagation
Networking - TCP/IP over HF
Frequency bands: VLF, LF, HF, VHF, UHF, SHF

This is a very brief synopsis of the areas that I have dealt with over the years. I always enjoy discussing and researching a communications problem so if you don't see it listed above drop me a line anyway, especially if you happen to be in Europe.

++

James J. Richards

richardsjj@oa.frc.com

First-Class FCC Radiotelephone License

25 years of Public Safety Communications and Computer-
Aided Dispatch

Scanners - Digital Comm - Freqs - Business Band - Public Safety
MDT's - Fax - RTTY

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_________ _________ The
Scott Rosenfeld \ / Long Original
ham@wam.umd.edu Amateur Radio NF3I Burtonsville, MD | Live $5.00
WAC-CW/SSB WAS DXCC - 109 QSLed on dipoles _________| Dipoles! Antenna!

CW, HF DX, and QSLing

I'm by no means a QSL expert, and I don't even get the GO-list or have a packet setup to get into the local packetcluster - but I'm always glad to help out with practical QSLing tips. I still haven't been able to get any cards out of ex-Soviet Asia, and I don't know that I ever will, to be honest. Oh well, I'll just keep trying.

++

John Rymell N3PFF
ryme@bloomu.edu
Bloomsburg University
Bloomsburg, PA

Have over 25 years in electronic/computer service work, antennas, SWL, and a love of building just about anything from next to nothing (:^)! Glad to help those in need.

++
- S -

++

Stephen R. Salmon E-mail: steve@carlyle.com
Carlyle Systems, Inc. Phone: 415-345-2500
2000 Alameda de las Pulgas Fax: 415-349-3874
San Mateo, CA 94403

DXing - not Honor Roll, but about 200.

DXpeditioning (some) - did a single-handed one to North Cooks and Palmyra
in 1990

Marine operation

I'm a VE (Sunnyvale VEC) and help administer the tests about every two months
at the Berkeley Yacht Club. I also teach a novice class there every year or
two.

Reciprocal Licensing/Foreign Operation

(I've done some foreign operation, and plan to do more. I'm getting ready
for a circumnavigation/worldwide DXpedition).

73, Steve, AA6LF

++

Bob Salnick, Spokane,WA | USENET: oliveb!isc-br!tau-ceti!DejaVu!salnick
Amiga 1000, WB 1.3 | INTERNET: salnick@DejaVu.spk.wa.us
WA9BVE |

I can help people with HF stuff, cheap antennas, and am willing to help
troubleshoot problems with rigs.

I believe that one of the pillars of ham radio - construction/
understanding at the burn-your-hand-with-a-soldering-iron level - is
drifting out of ham radio. With Japanese radios which cost so much,
fewer and fewer hams are willing to risk their warranty to service their
own equipment. I would like to see a turn-around here...

++

Mark Salyzyn, VE6MGS mark@ve6mgs.ampr.ab.ca

Qualifications:

Repair Technician
Electrical Engineer (11+ years)
Advanced Amateur (Canadian) since 1988

Advice of value:

HF + VHF construction, homebrew, repair, circuitry, programming and mods
Operating Mobile
Packet Radio (Radio, TNC, AX.25, TCP/IP)

NTS (Net Control for 80m CW Alberta Traffic Net for 3 1/2 years)
Canadian Tests, Rules and Regulations
Antennas, Design and Installation
General Electronics, Repair, Diagnosis and Design
CW training
Having fun with Amateur Radio communications

Maintainer of Radio Amateurs on Usenet E-mail address directory

Raw Data:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/hams-on-usenet/
ftp://rtfm.mit.edu/pub/usenet/radio/rec-radio-info/hams-on-usenet/

Experimental Search Front-End:

http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
submissions, and administrivia to hams-on-usenet@ve6mgs.ampr.ab.ca.

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Andrew Sargent N8OFS, AAN5HJT

andrews@fms.com
andrews@telemax.com

My primary interests include: 6M AM, 10GHz, 5.65-5.925 GHz, 3.3-3.5
GHz, the fact of being a No-Code is not a crime, 2M AM, 2M FM QRP SIMP,
packet radio experimentation, mobile operations, NTS, VHF Contesting,
and of course... Army Mars.

If your interested in Army MARS, e-mail me. If your interested in Air
Force or Navy MARS, e-mail me and I will send you a list of those
members which I have compiled. Try to decide, then let me know.

++

Nick Sayer <nsayer@quack.kfu.com> | "I don't mind shooting, so long
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM | as the right people get shot."
+1 408 249 9630, log in as 'guest' |
URL: http://www.kfu.com/~nsayer/ | -- "Dirty" Harry Calahan

HF RTTY/AMTOR, Decoding CHU
VHF Packet
Unix, especially SunOS
Network Time Protocol (NTP)
Class-C Bipolar Amplifier Design
Phased-Lock-Loop (PLL) Theory (except for loop filters)

++

Steve Schallehn, KB0AGD | Internet : steve@matt.ksu.ksu.edu
Kansas State University | UUCP : ..!rutgers!ksuvax1!ksuvm.bitnet!steve

Manhattan, Kansas 66506 | Bitnet : STEVE@KSUVM
Packet: KB0AGD @ K0VAY.#NEKS.KS.USA.NA

A contact for people with question about Kantronics packet equipment. I am not affiliated with Kantronics, but know quite a bit about them.

University Clubs (Member of Kansas State ARC, W0QQQ)

VHF/UHF Repeaters

++

Kenneth W. Schildt N4VSD, AAA9AT

n4vsd@mars.army.mil

Army MARS Internet/Milnet Host Administrator

Army MARS has established an E-mail host on the Internet. If you are an Army MARS member and have access to the Internet/Milnet, we would like to hear from you. Please send a message to register@mars.army.mil with your Army MARS call in the Subject line.

++

Paul W. Schleck, KD3FU

pschleck@gonix.com

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie, FTP mail-servers, mailing lists, etc., etc.)

Club Activities, Examinations, and other events in the Omaha/ Lincoln/Council Bluffs (Eastern Nebraska/Western Iowa) area.

Also willing to provide newsreader kill/select file help to anyone interested in customizing their presentation of the rec.radio.* newsgroups

College Clubs

Ham-Univ mailing list for college clubs has found yet another new home at the New Jersey Institute of Technology. E-mail for subscription information.

Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia to elmers-request@gonix.com.

++

Tony Schliesser, N8XJA
Internet: s003aps@desire.wright.edu
AMPRNET: n8xja@ag9v.ampr.org

Packet: N8XJA@N8XJA.#DAY.OH.USA.NOAM

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP numbers in Ohio to:

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

(See also John Ackerman)

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

++

Tom Sefranek WA1RHP

sefranek@osystems.com

ARRL & W5YI VE, ARRL TA, ARRL Instructor/Elmer

Power supplies
Antennas/Transmission lines
Amplifiers

I don't have as much spare time as I did at MIT,
but I can (via E-Mail) answer questions, etc.

I'm also on 24 hrs as wa1rhp@wa1rhp.ampr.org (TCP/IP)
wa1rhp%wa1phy@switch.bedford (AX.25)

++

Mike Shirley - WB6WUI mikey@slic.cts.com GEnie: SLIC
PO Box 460 Lakeside, CA 92040 USA PGP v2.1 Public Key Available

For archival information about ACC equipment, send E-mail to
acc-l-archives@slic.cts.com with "help" in the body of the message
or try my BBS at +1 619 390-7542 (390-SLIC).

(see also Monte Freeman KC4GPW)

++

Mike Silva KK6GM

mjsilva@ted.win.net

Stuff I know:

Antennas
Circuitry (analog, digital, RF, tubes, semiconductors)
Construction
CW
Operation (HF, VHF/UHF)
Finding Parts

++

Marty Squicciarini NR3Z

skitch@nadc.navy.mil

DX and Contesting
QSL'ing

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Terry Stader - KA8SCP/1, America Online Ham Radio Club Host

Internet: tstader@aol.com _or_ p00489@psilink.com
(Files/messages larger than 27K, please send to "p00489@psilink.com")

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
ka8scp@ka8scp.ampr.org [44.56.4.82]

- registered ARRL Instructor (teaching for the last 6 years Novice/Tech
classes with an 87% pass rate)
- Host of the America Online Ham Radio Club (like CompuServe only a LITTLE
smaller!)
- President for 5 consecutive years of an ARRL Special Service Club (The
Police Amateur Radio Team of Westford, MA - WB1GOF)
- ARRL Section Emergency Coordinator (SEC) for EMAS section
- Area 1 Communications Officer for the Massachusetts Emergency Management
Agency (formerly Mass. Civil Defense Agency)
- Expertise with Apple // and Macintosh computers. (I have over 80 MB
of Mac ham radio software available.) and ham-related
- Operate TCP/IP with Macintosh
- plus all around source of information about communications

Maintainer of Macintosh Amateur Radio Software List

ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

++

Bill Standerfer * Hewlett-Packard Company
CFI-A, IA, ME * VXI Systems Division
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * 303-679-2378

I'm certainly willing to be an Elmer if there's a need. I hope I've learned a
few things in 27 years on the air. :-) Here's a list of subjects I might be
able to help with:

Antennas
General Operating Practices
Older (Tube) Equipment
Test Equipment and Measurements

++

Steve Sternitzke, NS5I

sds@sat.datapoint.com

I work with the W5YI-VEC organization ("official" title - assistant VEC)
and I write the VE manuals for W5YI. Add my name to the list of people
who are available to answer questions about volunteer exams, FCC
policies (as related to hams), the licensing question pools, etc.

++

Dave Stine WA2JTA/6

My areas of expertise are:

- vacuum tube amps, receivers, exciters
- CW operating tips
- wire antenna tips, hints & kinks

++

David Stockton, GM4ZNX

dstock@hpqmola.sqf.hp.com

SWL since 1960
Licensed since 1984 (UK full class A)
Degrees in electronics&comms and digital techniques etc.
Currently senior design engineer doing RF design

Fairly broad interest in amateur radio (but not contests!)

Antennas, Transmission lines,filters from fundamental theory to practice
Receiver structures and circuits from simple to state of the art.
Transmitters, ATUs
Test equipment
Wide experience of troubleshooting/repairing equipment.
Professional experience of EMC/RFI
QRP
UK Operation and Licensing

My morse is flaky, but I keep working on it
No interest in contests
No interest in packet radio or in fixing computers

++

Ken Stuart, W3VVN
48 Johnson Road
Pasadena, Md. 21122

401-437-1758 (home)

kstuart@oasys.dt.navy.mil

via packet: W3VVN @ N3ETI.MD.USA

Have been licensed since '53, currently Advanced class. ARRL Technical
Advisor since '80 on Batteries and Power Supplies. You may have seen
my article in the Feb. '91 issue of QST on NiCads. Authored the rewrite
of the power supply chapter of the ARRL handbook in '85 when the new
format was generated (large page, versus the old small size). Most
of the stuff is still unmodified. Currently lecturing on battery
care and feeding to clubs in the Baltimore/Annapolis area.

I have been employed as a power supply design engineer for about the
last 25 years.

++
- T -
++

Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
1106 Rayburn Ct. K9ALD AFA3WG
Mahomet, IL 61853 Outdoor writer (Fishing)
217-586-4958 Skamania Reign Supreme!
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits,
linear amplifiers, troubleshooting.

++

Ren J. Tescher N0PVI Resume~
ren@ncar.ucar.edu AAS, Electronic Technology
Electronic Technician/Sysop AAS, Computer Systems Technology
Research Applications Program (RAP) 4 years consumer electronics repair
National Center for 2 years calibration lab and repair
Atmospheric Research (NCAR) 2 year unix sysop
Rm 2078 Bldg 2, 3450 Mitchell Ln. ethernet and serial cable
PO Box 3000, phased-array radar
Boulder, CO 80307 (303)497-8407 doppler weather radar
FAX (303)497-8401 PC's
He knows enough to be dangerous. non-freon appliance repair
dona nobis pacem strung interior phone lines, too!
***I will email at your request, morse code programs for the
Sun, IBM Basica, and SCO which I've saved off the net.***

++

Bob Tidd KJ6CS

inp@violet.berkeley.edu

Computerized DXCC databases and query software (written in
BSD-Unix compatible C) available on request. Would welcome ports
to IBM-PC or Macintosh.

++

Clark Savage Turner, Graduate Student Researcher
turner@safety.ics.uci.edu
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 856 4049 (714) 856 2131

WA3JPG, QRP #3526
HHH WAS #489

Admitted to practice law in California, Massachusetts, and New York.
ARRL Volunteer Counsel

I would (have been doing it by default) be happy to be an Elmer in the
area of older HF gear, especially QRP operation with Ten Tec Argonauts
(and Power Mites, etc.). Also have experience with other 10-20 year-old
economy HF rigs, particularly the Kenwood TS-520.

++

Paul Turvey, G1PJJ | Internet: paul@topsy.demon.co.uk
| Amprnet: paul@g1pjj.ampr.org
| AX25: g1pjj@gb7zaa.#34.gbr.eu

Maintainer of the uk.radio.amateur FAQ

Available from:

ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq

Please direct all FAQ submissions, feedback, and administrivia to
ukfaq@topsy.demon.co.uk.

++
- U -
++
- V -
++
_____
| | Johnathan Vail vail@tegra.com (508) 663-7435
|Tegra| jv@n1dxg.ampr.org N1DXG@448.625-(WorldNet)
----- MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

ampr.org IP Coordinator for East/Central Massachusetts subnet
(44.056.xxx.xxx)

TAPR/9600 modem (putting some stuff together for a local repeater)

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

++

Jim Van Peursem - KE0PH

jvp@iastate.edu

Author of Savant, the packet radio communications program for the
Apple Macintosh. For more information, consult Terry Stader's List
of Macintosh Amateur Radio Software.

Also have a few years experience in Unix (especially HP-UX) and system
administration.

++

Frank E. van Vliet PA3FAQ

vanvliet@dutette.et.tudelft.nl

I am willing to answer questions about:

FILTERS integrated,
distributed,
lumped,
active etc.

MICROWAVES designing power amplifiers,
low noise amplifiers,
mixers etc.

(Email questions are preferred)

Frank E. van Vliet :-)
Delft University of Technology
Faculty of Electrical Engineering
Postbus 5031
2600 GA DELFT
The Netherlands

++
- W -
++

John Welch N9JZW, NNN0WYZ
jjw@seastar.org

Navy/Marine Corps (NMC) MARS

++

Vikki Welch WV9K, NNN0AEE
vikki@seastar.org

Navy/Marine Corps (NMC) MARS
Region Four ECOMM Planning Officer: NNN0ASG TWO

There are other NMCMARS Members on the Internet and I'll be compiling a list, if anyone is interested. I'd also welcome any correspondence with other members of MARS. We are currently considering a MARS conference on a dial-up BBS.

++

========== round up the usual disclaimers! ==========
=Bob Wier WB5KXH - wier@merlin.etsu.edu - keeper of the
Adobe Photoshop, Motorola HC11,
and ICOM radio mailing lists.

The HC11 mailing list also encompasses discussion about the HC16.

To subscribe, send E-mail to mc68hc11-request@hipp.etsu.edu

The ICOM list is for not only Ham, but SWL, Scanning, and
Global Positioning System (GPS) equipment as well.

To subscribe, send E-mail to icom-request@hipp.etsu.edu

++

Lou Williams (nsyslaw@acs.ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: (919) 515-2794
NCSU Administrative Computing Services | FAX: (919) 515-3787

Personal URL: http://www.acs.ncsu.edu/~nsyslaw/

Maintainer of the Ham Radio Web Server:

http://www.acs.ncsu.edu/HamRadio/

Please direct all submissions, feedback, and administrivia to my
E-mail address above.

++
Paul Williamson KB5MU

kb5mu@amsat.org

I'm not the author of InstantTrack itself, but I was extensively involved in its testing. I'm the author of OrbitDRV (the tracking TSR that comes with InstantTrack) and a number of other InstantTrack auxilliary programs.

AMSAT-NA (the Radio Amateur Satellite Corporation in North America) operates the Internet host AMSAT.ORG to provide for efficient communications between people interested in the amateur satellite program. At this time two services are provided: a message remailing service and a mailing list service.

In the future, an archive of files will be accessible by anonymous ftp or possibly by email. In the meantime, check the FTP site:

ftp://ftp.ucsd.edu/hamradio/

for AMSAT-related files. Consult your local guru for help on using anonymous ftp.

The message remailing service permits users to send each other mail on the Internet without keeping track of each other's Internet address. The remailing service allows each user to receive mail sent to the address callsign@amsat.org, where callsign is that user's amateur radio callsign, or other unique identifier. Mail sent to that address will be routed first to the AMSAT.ORG host at UCSD in San Diego, then remailed from AMSAT.ORG to the network address specified by the user. In most cases, this process delays the message by only a very few minutes.

The mailing list service groups subscribers into mailing lists to receive certain types of messages. There are public mailing lists available to anyone, and private mailing lists available only to certain people (for example, AMSAT Board of Directors members or PACSAT command stations). Currently the following public mailing lists exist:

ANS AMSAT News Service

This mailing list carries official news releases from the AMSAT News Service. These messages are posted in a form suitable for direct posting to a packet radio BBS system. Each message contains a Bulletin Identifier (BID), which permits the message to be introduced into the packet network at many places without resulting in duplicate bulletins at any BBS. The primary purpose of this mailing list is to distribute ANS bulletins for redistribution (via the packet net or on AMSAT voice nets), but individuals may also subscribe for their own use. If your local packet BBS doesn't seem to get the ANS bulletins reliably, you are encouraged to post the ANS bulletins yourself.

Only authorized AMSAT News Service personnel should send messages to the ANS mailing list.

AMSAT-BB AMSAT bulletin board

This mailing list carries general AMSAT information. This information may NOT be suitable in content for transmission via amateur radio, so automatic reposting of AMSAT-BB messages to packet radio BBS's is discouraged. The purpose of this mailing list is to provide a forum for general discussion of any satellite-related topic.

Anyone may send messages to the AMSAT-BB mailing list. Simply address your message to amsat-bb@amsat.org, and it will be automatically forwarded to all subscribers to the AMSAT-BB mailing list.

Editors of publications should ask permission of the
sender before publishing anything seen in AMSAT-BB
elsewhere, unless the posting was obviously a public
press release. However, posters should realize that
anything posted to AMSAT-BB is essentially public.

KEPS Keplerian Elements mailing list

This mailing list carries official postings of Keplerian
element sets for satellites of interest to radio amateurs.
Like the ANS bulletins, these messages are posted in a
form suitable for direct posting to a packet radio BBS.

Only authorized AMSAT News Service personnel should
send messages to the KEPS mailing list.

NASAINFO NASA related information mailing list

This mailing list contains information about current
and planned NASA space missions. Be forewarned: at times
this mailing list delivers many large messages.

SAREX Shuttle Amateur Radio Experiment mailing list

This mailing list contains information and press releases
pertaining to SAREX missions.

To obtain any of these services, just send a message to the address

listserv@amsat.org

This address may be reached from CompuServe MAIL as:

>INTERNET:listserv@amsat.org

For the moment, the maintenance of the AMSAT.ORG mailing lists and
remailing aliases is done manually. Later, this service will
probably be automated and you will have to follow a strict message
format. For now, you may send requests in free format. They will
usually be processed within a few days. In general, you will not
receive an explicit reply to your request. Be sure you specify:

1. Which mailing list(s) you want to receive

2. Your callsign, if any

3. The Internet address to be used, if different from the
one in your From: header.

You should not send messages about your subscriptions to any of the
mailing lists. Send them to listserv@amsat.org instead. This
includes questions, requests for changes, requests for information
about mailing services, and complaints.

The list of amateurs who may be reached via the message remailing
service may be obtained by requesting the "address book". Note that
the address book as distributed contains only the callsigns of the

available addressees, not their actual Internet addresses. The address book is updated occasionally, and does not necessarily contain the very latest information.

You may request to be added to the list, to be deleted from the list, or to have your Internet address changed on the list. Please include your callsign if you have one. If you don't have a callsign, that's OK, but please say so. If you have more than one Internet address you want to have available on the AMSAT.ORG remailer, you may so specify. For instance, if you have a regular Internet address and a CompuServe account, you may appear in the address book as both w1xyz and w1xyz-cis. Mail sent to w1xyz would go to your Internet address, and mail sent to w1xyz-cis would go to CompuServe. MCImail accounts have the form w1xyz-mci, and so on.

You may also subscribe or unsubscribe to any of the public mailing lists described above. Send a message to listserv@amsat.org, specifying clearly which mailing list(s) you want to add or drop, and giving your callsign if you have one. When you subscribe to a mailing list, you will automatically be added to the remailing service as well, because the mailing lists are maintained by callsign. If you have more than one address listed in the remailing service, please indicate which one(s) you want the mailing list messages sent to.

Additional mailing lists, public or private, can be set up as needed. Send mail to listserv@amsat.org for details.

Questions about any service offered by AMSAT.ORG may be directed to listserv@amsat.org as well.

++

Areas of Interest: ARES/RACES, Emergency Comm, and ARRL
Field Organization.

73's de Steve Wilson, KA6S

SCV Section Manager
813 Berryessa St.
Milpitas, Ca 95035

Hm (408)946-7410 Wk (408)473-2580
stevew@netcom.com

++

Bob Witte HP Colorado Springs Division
bobw@col.hp.com P.O. Box 2197
Phone:(719) 590-3230 Colorado Springs, CO 80901
Radio: KB0CY
"There is no such thing as ground."

Mobile
RFI
Equipment Testing (instrumentation)
Repeaters
VHF/UHF (including mountaintopping/portable operation)

++

John F. Woods WB7EEL

jfw@ksr.com

Maintainer of My List of Mail Order Electronics Companies

Available from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/mail_order
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

++
- X -
++
- Y -
++

Conway Yee N2JWQ
yee@mipg.upenn.edu
2144 East 21 Street
Brooklyn, New York 11229

Maintainer of the Universal and Free Listing of Repeaters for Radio Amateurs

This listing with all the data is available for anonymous FTP from:

ftp://mipg.upenn.edu/pub/yee/rptr010.Z

An experimental search and submission front-end is available at:

http://www.acs.ncsu.edu/HamRadio/scripts/repeaterdb.perl

As far as I am aware, all the data is freely redistributable and my
intent is to make sure it stays that way. For this reason, I have
applied the GNU General Public License.

The repeater project will now include repeaters from ALL bands and
is not limited to the US. This reflects the intent to make this
directory universal.

Contributions of data may be made by anonymous ftp to:

ftp://mipg.upenn.edu/pub/yee/uploads/

or via email to yee@mipg.upenn.edu

The data format has not been changed from the old format so
contributions that you were planning to make (prior to my recent

troubles) are still current and most welcome. This repeater listing will be of use if people take an active part in making it accurate and useful.

++
- Z -
++

Martin A. Zurn IK2RMZ, DL1GBZ

Home QTH: v. Fermi 10, 21027 Ispra (VA) Italy
(Northern Italy near Swiss Border)
Position: Lat 45d49m N Long 8d38m E WW-Loc: JN45ht
On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy
E-mail at work: martin.zurn@jrc.it

Expertise:

Technical: Elbugs (incl. features like dot/dash memories, squeezing, touch sensors, auto spacing) Antennas used: Windom, Delta Loop, Trap Dipole, Marconi wire.

Operational: CW Operator since 1981, QRP Operation, Traffic handling nets (NTS, Swedish QTC nets) CW operating in several West European languages (Ham radio shorts, use of foreign CW characters in Italian, German, French, Spanish, and Swedish). QSLing (How to design a QSL that satisfies award hunters and operators of the QSL buro)

Club life: Mbr of AGCW, UFT, GQRP, HSC, VHSC, SMHSC, SCAG,...

Admin: License Regulations in Italy and Germany

Mathematics: Spherical Trigonometry, beam headings, calculation of sunset/sunrise times, etc.

++

End of Directory

16. Amateur Radio: Changes to Elmers Resource Directory

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 12:00:56 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/diff-1-788961647@gonix.com>
Source record: 254164
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/diff

(Note: This difference file is taken from the list body only.)

/bin/diff -c (last month's) (this month's)

*** /u/pschleck/faq/elmers/list.body.old Thu Dec 1 06:01:03 1994
--- /u/pschleck/faq/elmers/list.body.new Sun Jan 1 06:00:05 1995
***************
*** 1,4 ****
! Amateur Radio Elmers Resource Directory (as of 12/01/94)
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++
- A -
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++
--- 1,4 ----
! Amateur Radio Elmers Resource Directory (as of 01/01/95)
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++
- A -
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++
***************
*** 115,121 ****
included the 560,580 and 600 for Alinco. My contacts in the amateur radio
community have helped other amateurs to know more about products, hidden
features and new product offerings. The BBS will now include the latest
! info on YEASU and ALINCO products. If you have a product that you wish to
have evaluated for the general amateur community, please contact before
sending.

--- 115,121 ----
included the 560,580 and 600 for Alinco. My contacts in the amateur radio
community have helped other amateurs to know more about products, hidden
features and new product offerings. The BBS will now include the latest
! info on YAESU and ALINCO products. If you have a product that you wish to
have evaluated for the general amateur community, please contact before
sending.

***************
*** 270,276 ****

Most of these programs are available via anonymous FTP from:

! ftp://wuarchive.wustl.edu/mirrors/msdos/hamradio/

or write me at:
```

--- 270,277 ----

Most of these programs are available via anonymous FTP from:

! ftp://oak.oakland.edu/SimTel/msdos/hamradio/
! ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

****
*** 552,558 ****
BIN header is kept intact.

NOTICE: When Newsline is transmitted in its full form over voice or
! digital forms of Amateur Radio, it is recommended that the closed circut
advisory be deleted. Audio, Computer, and Packet retransmissions must be
made without the editing or deleting of any other part of the Newsline
content. Unauthorized additional commentary to the original message is
--- 553,559 ----
BIN header is kept intact.

NOTICE: When Newsline is transmitted in its full form over voice or
! digital forms of Amateur Radio, it is recommended that the closed circuit
advisory be deleted. Audio, Computer, and Packet retransmissions must be
made without the editing or deleting of any other part of the Newsline
content. Unauthorized additional commentary to the original message is
****
*** 717,723 ****
For more information about rec.radio.info, see:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/rec-radio-info/top.html
! ftp://rtfm.mit.edu/pub/usenet/radio/rec-radio-info/
news:rec.radio.info

++
--- 718,724 ----
For more information about rec.radio.info, see:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/rec-radio-info/top.html
! ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/
news:rec.radio.info

++
****
*** 789,799 ****

With the following in the body of the message:

! subscribe aa4re your_account_name@your.address.whereever

To unsubscribe one would send this text in the message:

! unsubscribe aa4re your_account_name@your.address.whereever

++

--- 790,800 ----

With the following in the body of the message:

! subscribe aa4re your_account_name@your.address.wherever

To unsubscribe one would send this text in the message:

! unsubscribe aa4re your_account_name@your.address.wherever

++

****
*** 816,822 ****
A mirror of all files available from the ARRL info server is also
available: ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/

! Programs mentioned in QST are in
ftp://oak.oakland.edu/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:
--- 817,827 ----
A mirror of all files available from the ARRL info server is also
available: ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/

! The ARRL infoserver mirror has FCC Part 97 (U.S. Amateur Radio Service
! Rules and Regulations) at:
! ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/rib/part97.txt
!
! Programs mentioned in QST are in:
ftp://oak.oakland.edu/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:
****
*** 859,866 ****

http://www.acs.oakland.edu/barc/ne-happenings.html

! You will need Lynx, WWW, or Mosaic to view them. Ask me for more details
! about this.

++
- F -
--- 864,888 ----

http://www.acs.oakland.edu/barc/ne-happenings.html

! With the cooperation of the Boston Amateur Radio Club, I have put
! together a World-Wide Web page for the American Radio Relay League
! (ARRL).
!
! Since the ARRL does not yet have web capabilities of their own, this page
! is being offered on the same site as the Boston Amateur Radio Club's web
! page.
!
! The address to access the page is:

```
!
! http://www.acs.oakland.edu/barc/arrl.html
!
! It has pointers to the ARRL Letter, E-mail addresses of HQ staff,
! official League bulletins, and much more!
!
! You will need Lynx, WWW, or Mosaic to view them (or you may obtain a
! copy of the page via E-mail; send a message to listserv@info.cern.ch
! with the word "help" in the body for more information). Ask me for
! more details about this.

++++++++++++++++++++++++++++++++++++++++++++++++++++++
- F -
***************
*** 985,990 ****
--- 1007,1041 ----

++++++++++++++++++++++++++++++++++++++++++++++++++++++

+ Howard Goldstein | "Civilization is the distance man | imotion@iu.net
+ InfoMotion, Inc. | has placed between himself and | CIS:75006,702
+ | his excreta" Aldiss |
+ http://iu.net/infomotion/hghome.html
+ "What doesn't kill me makes me stronger" Lisa
+
+ Packet Radio and TAPR are on the World-Wide-Web!
+
+ InfoMotion is proud to sponsor a series of web pages dedicated to Packet
+ Radio. The series is accessible through the Packet Radio Home Page at
+ this URL:
+
+ http://bb.iu.net/infomotion/pkthome.html
+
+ In addition, Infomotion is maintaining a Tuscon Amateur Packet Radio
+ page for the time being:
+
+ http://bb.iu.net/infomotion/taprhome.html
+
+
+ What's here? A page of links (the Home Page), the TAPR Home Page, a page of
+ Packet Pioneers and Contacts, a hypertext packet primer and FAQ, and more.
+
+ We seek: more packet-specific links to add and any comments and suggestions
+ on how to make the series more useful. All ideas welcome, please send them
+ to my E-mail address above.
+
+ ++++++++++++++++++++++++++++++++++++++++++++++++++++++
+
Jim Graham
```

#include <std_disclaimer.h> 73 DE N5IAL (/4)
****
*** 1155,1167 ****
Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024|Fax: (615) 459-0038| Life Member - ARRL
! root@jackatak.raider.net - "Plus ca change, plus c'est la meme chose"

! Mobile Antenna Systems and Installation

! An FAQ list for the rec.radio.amateur.antenna newsgroup is being
! contemplated. Please direct all submissions, feedback, and administrivia
! to my E-mail address above. Volunteer co-editors are most welcome.

+++
---- ----
--- 1206,1262 ----
Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024|Fax: (615) 459-0038| Life Member - ARRL
! root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"
!
! Mobile Antenna Systems and Installation
!
! An FAQ list for the rec.radio.amateur.antenna newsgroup is being
! contemplated. Please direct all submissions, feedback, and administrivia
! to my E-mail address above. Volunteer co-editors are most welcome.
!
! BOATANCHORS CHANGEOVER RELAY GOES "KER-CHUNK"!!!
! --
!
! Greetings and welcome to the new and improved (but still vintage)
! "boatanchors" mailing list. An automated list manager should help
! things run more smoothly for everyone while still providing the same
! outstanding signal-to-noise ratio we have enjoyed since the list's
! beginning.
!
! I have agreed to provide a new home for the list, with the blessings
! of Paul Prescott N1AAC who took over from Our Esteemed Founder Jim
! Lockwood KM6NK.
!
! NOTE - You need not re-subscribe or take any special action other than
! noting the new addresses listed below. The subscription list was moved
! intact from the old mit.edu site and you are already on it if you got
! this message.
!
! Subscribers of the satellite list on boatanchors@beacons.cts.com will
! also be moved to this new address.
!
! The new mailing list address is now
!
! boatanchors@ThePorch.com.

```
!
! Use this now for messages of general interest to the entire group
! Please don't use it to subscribe, change address, etc.
!
! The new automated list manager address is

! ListProc@ThePorch.com

! Use this for subscribing, unsubscribing, getting archived info,
! getting the FAQ message, changing your address, etc.
! Now send a message to ListProc@ThePorch.com with just
! HELP in the body to get info on how to do this.
!
! The new list owner address is
!
! ListOwn@jackatak.ThePorch.com
!
! Use this address only when there is a problem which really
! truly can't be resolved otherwise.

++++++++++++++++++++++++++++++++++++++++++++++++++++++++
---- ----
***************
*** 1315,1321 ****
Code is set full-width. The author's interpretation and
discussion of various sections of the Code is not meant to
be all-encompassing, nor the official interpretation of the
! National Fire Protection Association, nor of any offical
governing body having legal authority of jurisdiction over
electrical installations, but is meant to be used as a
teaching tool for amateur radio operators.
--- 1410,1416 ----
Code is set full-width. The author's interpretation and
discussion of various sections of the Code is not meant to
be all-encompassing, nor the official interpretation of the
! National Fire Protection Association, nor of any official
governing body having legal authority of jurisdiction over
electrical installations, but is meant to be used as a
teaching tool for amateur radio operators.
***************
*** 1340,1351 ****
Available from:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html
! ftp://rtfm.mit.edu/pub/usenet/radio/ham-radio/faq/

and

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/cb-faq/top.html
! ftp://rtfm.mit.edu/pub/usenet/radio/cb-faq/
```

```
Please direct all FAQ submissions, feedback, and administrivia to
hamradio-faq@kluft.com or cb-faq@kluft.com.
--- 1435,1446 ----
Available from:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html
! ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq/

and

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/cb-faq/top.html
! ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/cb-faq/

Please direct all FAQ submissions, feedback, and administrivia to
hamradio-faq@kluft.com or cb-faq@kluft.com.
***************
*** 1503,1511 ****

++++++++++++++++++++++++++++++++++++++++++++++++++++

! Fred Lloyd AA7BQ
!
! aa7bq@qrz.com

Author of the QRZ! Ham Radio CDROM. Interested in receiving amateur
radio related public domain and/or shareware programs, data files,
--- 1598,1607 ----

++++++++++++++++++++++++++++++++++++++++++++++++++++

! ------------------------------------------------------------------------
! Fred Lloyd, AA7BQ flloyd@qrz.com
! Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
! ------------------------------------------------------------------------

Author of the QRZ! Ham Radio CDROM. Interested in receiving amateur
radio related public domain and/or shareware programs, data files,
***************
*** 1514,1519 ****
--- 1610,1629 ----
and will donate copies of QRZ to qualifying non-profit organizations.
Send E-mail or call +1 602 483-2036.

+ We now have the QRZ FTP archive and QRZ WWW server online, 24 hours a
+ day. Our connection is via a T1 line so you should get pretty decent
+ file transfer times.
+
+ We've got about 7,000 files online, including radio mods, software, most
+ everything imaginable. We are also accepting uploads of all ham radio
+ related material.
+
+ Feel free to stop by and have a look:
+
+ ftp://ftp.qrz.com/
+ http://www.qrz.com/ (WWW interface to the FTP archive as well as an
```

```
+ Callsign database server)
+
++++++++++++++++++++++++++++++++++++++++++++++++++++++
- M -
++++++++++++++++++++++++++++++++++++++++++++++++++++++
***************
*** 1543,1554 ****
VE Exam Schedules Nationwide

++++++++++++++++++++++++++++++++++++++++++++++++++++++
!
! Daniel J. Meredith N7MRP
! Arizona Packet Coordinator
! Voice/Data = (602) 956-2566
! Ax.25 = n7mrp@n7mrp.az.usa.na
! Internet = dan@aznet.stat.com

Owner of the PBBS Bulletin Forwarding Mailing List

--- 1653,1671 ----
VE Exam Schedules Nationwide

++++++++++++++++++++++++++++++++++++++++++++++++++++++
!
! ----- \---------------/ -----
! Arizona Network Intertie Group
! "Serving Az's Digital Needs Since 1993"
!
! Daniel J. Meredith - N7MRP Voice: +1-602-489-7384
! P.O. Box 44563 Fax : +1-602-956-2566
! Phoenix, Arizona BBS : +1-602-912-0225
! 85064-4563
!
! Arizona Amateur Radio VHF/UHF Digital Coordinator
!
! Ax.25: n7mrp@n7mrp.az.usa.na

Owner of the PBBS Bulletin Forwarding Mailing List

***************
*** 1681,1694 ****
as well as system administration of UNIX and UNIX-like operating systems
(with an emphasis on networking, E-mail, etc.).

! Owner of the DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@unbc.edu

! asking to be added. A short introductory message will promptly
! follow.

++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

```
--- 1798,1818 ----
as well as system administration of UNIX and UNIX-like operating systems
(with an emphasis on networking, E-mail, etc.).

! Maintainer of the Internet DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@unbc.edu

! with the following line in the message body:
!
! subscribe DX Your Name
!
! I also maintain an amateur radio related WWW page at:
!
! http://canada.unbc.edu/radio/
!
! It focuses primarily on Contesting, DXing, and technical matters.

++++++++++++++++++++++++++++++++++++++++++++++++++++++++

***************
*** 1737,1743 ****

Instrumentation (my profession)

! Chemistry advise related to Amateur Radio (corrosion, plating, PCB
etching, disposal of wastes such as transformer oil, solvents and
etching solutions, contact cleaners, toxic chemical exposure, etc.)

--- 1861,1867 ----

Instrumentation (my profession)

! Chemistry advice related to Amateur Radio (corrosion, plating, PCB
etching, disposal of wastes such as transformer oil, solvents and
etching solutions, contact cleaners, toxic chemical exposure, etc.)

***************
*** 1826,1852 ****
transmission lines, operating practices.

++++++++++++++++++++++++++++++++++++++++++++++++++++++++
-
- There is an active mailing list for fans of hollow state
- (i.e. tube) radio equipment. Send a subscription request to:
-
- boatanchors-request@gnu.ai.mit.edu
-
- and you will be added to the group!
-
- An additional note: You can save the list owner (me!) a lot of trouble
- by including your email address in the text of your subscription requests.
- boatanchors is a mail alias, not an automated listserv. Thanks!
```

```
-
- Paul Prescott
- N1AAC
- regnad@gnu.ai.mit.edu
-
- [Elmers List Editor's Note: Does anyone know what the current status of
- the Boat-Anchors mailing list is? I've heard rumors that it has been
- having technical/maintenance problems.]
-
- ++++++++++++++++++++++++++++++++++++++++++++++++++++
- Q -
++++++++++++++++++++++++++++++++++++++++++++++++++++
- R -
--- 1950,1955 ----
***************
*** 2133,2138 ****
--- 2236,2248 ----

(See also John Ackerman)

+ [Editor's note: All ampr.org coordinators are listed in the document
+ at:
+
+ ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators
+
+ ]
+
++++++++++++++++++++++++++++++++++++++++++++++++++++

Tom Sefranek WA1RHP
***************
*** 2510,2517 ****
ftp://ftp.ucsd.edu/hamradio/

for AMSAT-related files. Consult your local guru for help on using
! by anonymous ftp for AMSAT-related files. Consult your local guru
! for help on using anonymous ftp.

The message remailing service permits users to send each other mail
on the Internet without keeping track of each other's Internet
--- 2620,2626 ----
ftp://ftp.ucsd.edu/hamradio/

for AMSAT-related files. Consult your local guru for help on using
! anonymous ftp.

The message remailing service permits users to send each other mail
on the Internet without keeping track of each other's Internet

--
73, Paul W. Schleck, KD3FU
```

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

17. Re: how do you exchange Q

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 15:58:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.3127.545@acenet.com>
Source record: 254171

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

WC> And last, the cost. With a new postal increase hanging
WC>over all our heads, the costs are getting high.

Really? Going from 19 cents to 20 cents for a postcard is only
a 1 cent rise in cost!

WC> I myself QSL 100%. If I get a card, the other person
WC>always gets one back.

Yes, same here 100%. there was only one very brief period in my
hamming career that I couldn't QSL.

WC> While we are on the QSL subject, has anyone given
WC>thought to the idea of a DOMESTIC QSL service? Some league
WC>officials had suggested the idea, and I was wondering what
WC>everyone thought of it.

I think it has been done, and may still be being done.
It could save all of us a LOT of money. Seems like it could be a good
business for some enterprising ham too!

WC> In closing, I think QSLing is one of the traditions
WC>than no one can really argue with. You could sit here and
WC>argue about CW and AM untill you are blue in the face, but
WC>QSLing applies to all aspects of ham radio and is one tradition
WC>worth holding on to.....

Right on!
No doubt SOMEONE SOMEWHERE will have a gripe against it, but I love
collecting QSLs ... always have!

&#65533; SLMR 2.1a &#65533; Who'd a' thunk it!

18. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 16:43:21 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan1.164321.28182@ke4zv.atl.ga.us>
Source record: 254173
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3e495a$l3i@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
>Gary:
>Of course if Generals, Advanced, and Extras didn't generally shun
>the Novice segments, it might be better. The few who do enter the
>Novice segments are outnumbered by the clueless. I think it's better
>to have the situation reversed, where the newcomer is outnumbered by
>the experienced. That makes learning by example much better. It's called
>"total immersion" in language training, and I think it's equally
>valuable in the socialization of amateur operators.
>
>My response:
>The Novice bands are certainly being abandoned these days, but not just
>by upper class amateurs. The new entry class of choice is the
>Technician license, sans code. Many of those who have not had the
>interest or ability to upgrade from Novice are probably no longer
>active. Thus the "Novice" band segments are simply suffering from
>attritional depopulation. The new entry level Technicians, under the
>current structure, are experiencing "total immersion" with advanced
>class operators in the VHF/UHF bands. Hopefully they are benefitting
>from that. As far as HF is concerned, are you proposing a class-less
>licensing system with full privileges for all??

Yes, that's exactly what I have in mind. I even have a modest suggestion
for a name for the class, we could call it "amateur". For those who
simply must have wallpaper to confirm their self worth, the ARRL could
offer a series of certificates of varying technical difficulty, and
even Morse Code speed runs, if that seems of any interest.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

19. Shuttle Comms

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 16:54:00 UTC
From: Roger.Cravens@f239.n109.z1.fidonet.org
Message-ID: <a99_9501012009@blkcat.fidonet.org>
Source record: 254046

I went to Florida last summer and quite by accident, the Shuttle was scheduled to take off. My and wife and I both stood with jaws hanging down to our belt buckles over this incredible piece of human engineering. I was fortunate in that I had my 200XLT with me, but with very, very few frequencies.

This year, I believe I'm loaded for bear. Going back on vacation, _BUT_, will be taking my 200XLT/PRO-2006/ICOM R-71A HF Receiver, and for reception, my Scanner Beam and Scantenna for the two scanners, and a roll of 17 gauge aluminum wire (and a sling-shot to get it over a tree somewhere).

Now, since I am now hardware rich, but frequency poor in this particular
area, I am asking for and would seriously appreciate any and all frequencies for the shuttle, launch pad, going up, coming down, and all phases in between.

Also, if anyone has the 1995 summer schedule (from around May through August), would also appreciate that, too.

Thank you ever so much!

Roger
***
* QMPro 1.52 * "We served because it was our duty" * Remember Us?

Fidonet: Roger Cravens 1:109/239
Internet: Roger.Cravens@f239.n109.z1.fidonet.org

20. Re: REPEATERS.....and their

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 16:55:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501030944044213@ectech.com>
Source record: 254168

WILLIAM>>This is a general gripe that I will probably get flamed...

I usually don't spend money on used equipment that I haven't been able to either get warranteed or at least use on a trial basis before shelling out the bucks.

Sorry you got burned. But, if an "AS-IS" purchase, you got exactly what you paid for.

Let's not start out the New Year degrading this gentleman - let's get you up and on the air! What problems can we help you solve?

21. Re: Russian Sat RS-15 , need help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 17:10:45 UTC
From: BIDDLEAP@ctrvax.Vanderbilt.Edu
Message-ID: <1995Jan1.171045.10115@news.vanderbilt.edu>
Source record: 254169

Steve,

The orbit for RS-15 is currently being determined. The following
info is pretty accurate:

Satellite: RS-15
Object Number: -31157
NASA Designation:
Epoch Time, T0: 94 360.2714005
12/26/94 06:30:48.99 UTC
Epoch Rev, K0: 2
Mean Anomaly, M0: 0.92710°
Mean Motion, N0: 11.27503470
Inclination, I0: 64.83140°
Eccentricity, E0: 0.01757800
Arg Perigee, W0: 310.13100°
R.A.A.N., O0: 174.61680°
Beacon Frq, F1: 29.3520.0000
Decay, N1: 0.00000e+000
Decay, N1: 0.00000e+00

A few more comments:

Name: RS-15
Launch: Rokot vehicle, refurbished SS-18. Baikonur
Orbit: altitude 2300 km
inclination 67 deg.
Uplink: 145.857 - 145.897 MHz
Downlink: 29.357 - 29.397 MHz, Power 5 W
Beacon #1: 29.398 MHz, CW, Power 0.4 or 1.2 W
Beacon #2: 29.353 MHz, CW, Power same as Beacon #1
BulBoard: 2 Kbytes, CW
Antennas: Dipoles
Weight: 70 kg
Atitude: No space stabilization.

Hope this helps.

Recommended
four
line
signature.

22. Re: how do you exchange QSL cards ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 17:23:38 UTC
From: tigger@prairienet.org
Message-ID: <3e6oeq$90a@vixen.cso.uiuc.edu>
Source record: 254170

In a previous article, wcoyle@delphi.com () says:

>One thing when QSL ing to consider is that if you work a
>novice, or a new general op, that person may not have QSL's
>printed up yet. By the time I got my QSL's printed, I had
>racked up over 100 QSO's and I had allready recieved about 20
>cards. Some other things to consider in the QSL game

This is a valid point. In addition to that, I'll usually let my "SASE Required" rule slide if I work a new guy, because he doesn't know the etiquette yet. This is a chance for education. I don't slam a guy just because he doesn't know something...I'll send him a card along with a note that sez, "SASE next time, OK?" I've yet to receive any maligning over that practice, though the day may come. :)

>
> Some folks are really busy and don't always have the time
>(I'm busy, but I usually try to write up the QSL right after I
>get off the air).

Wish I'd thought of that! I just spent the last week filling out requests I've received from the buro, plus all of my outgoing requests. This involves my unconfirmed DXCC countries, new countries for me on 40 and 80 meters, new states for my 5-band Worked All States effort, and new grid squares on 6 meters. Total output: 500+ QSL's.

I need a computer to do all this stuff...my arm is tired!
>
> And last, the cost. With a new postal increase hanging
>over all our heads, the costs are getting high.

this is a personal issue, especially with personal outgoing requests. I want my new countries on 40 and 80 meters in hand as soon as possible, so I'm sending out all my requests DIRECT. Once you figure in return postage, I figure I've got about $100 worth of direct cards going out. Buro would be cheaper, but it can take YEARS in some caes.

>
> I myself QSL 100%. If I get a card, the other person
>always gets one back.
>

An honorable practice that is slipping by the wayside.

> While we are on the QSL subject, has anyone given
>thought to the idea of a DOMESTIC QSL service? Some league
>officials had suggested the idea, and I was wondering what

>everyone thought of it.
>

The folks who chase counties on 14.335 have already established their own
buro.

> In closing, I think QSLing is one of the traditions
>than no one can really argue with. You could sit here and
>argue about CW and AM untill you are blue in the face, but
>QSLing applies to all aspects of ham radio and is one tradition
>worth holding on to.....

Agreed.

Sean

--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:300 worked/278 cfmd

"Therapy is like open-heart surgery in installments." -Robin Williams

23. Re: FCC On-Line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 17:24:26 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <FJF0Xc4w165w@voxbox.norden1.com>
Source record: 254028

```
-----BEGIN PGP SIGNED MESSAGE-----

grav@ace.com (Tonester) writes:

>
>
> Dear Mike,
> Im concerned about this myself. Im waiting till I get my tech license
> in the mail before i go on transmitting just to be safe . Why spoil a
> good thing over rumors.
> tonester@ace.com

I haven't looked up the current rule, but the rule used to be that the
license wasn't valid until you received it and signed it.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLwblwt74r4kaz3mVAQHt/wP7Bskm6aPsAZOzIGMZVU1E6DwSnF5kVg55
FnMueosk6QWDF8sjZXkTIMZI7l9GPfZX7ehceAvvtRrXtkr5oMeFBiNIg4wBwQTj
eDXwZO9X2pHdGPwUELDR6diuCXRiumhXKInUtMqUBO9bGPxt9Qz5hC9AS/thmblN
OWE3ficQeIo=
=cMzX
-----END PGP SIGNATURE-----
```

24. Mail failure

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 17:33:00 UTC
From: POSTMASTER@sapcmail.jsc.nasa.GOV
Message-ID: <2F06E7BC@sapcmail.jsc.nasa.gov>
Source record: 254167

[012] This corrupt message cannot be delivered. Contact your administrator.

Return-Path: <Info-Hams@UCSD.EDU>
Received: from medics.jsc.nasa.gov by sapcmail.jsc.nasa.gov id
<2F06E72F@sapcmail.jsc.nasa.gov>; Sun, 01 Jan 95 09:32:31 PST
Errors-To: info-hams-relay@UCSD.EDU
Sender: info-hams-relay@UCSD.EDU
Precedence: List
Message-Id: <199501011230.EAA05544@ucsd.edu>
Date: Sun, 1 Jan 95 04:30:13 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@UCSD.EDU>
Errors-To: Info-Hams-Errors@UCSD.EDU
Reply-To: Info-Hams@UCSD.EDU
Precedence: List
Subject: Info-Hams Digest V95 #2
To: Info-Hams@UCSD.EDU

Info-Hams Digest Sun, 1 Jan 95 Volume 95 : Issue 2

Today's Topics:
RS-15
WANTED: Multimode TNC

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 31 Dec 1994 04:48:40 GMT
From: ac579@rgfn.epcc.edu (Roland Cowan)
Subject: RS-15

Does anyone have the KEPS for RS-15 yet?
I need them if they are available.
Thanks
73

--
Roland Cowan WF4P/AAT6MC

ac579@rgfn.epcc.edu

Date: Fri, 30 Dec 94 20:49:00 -0800
From: darryl.linkow@grinder.org (DARRYL LINKOW)
Subject: WANTED: Multimode TNC

N3MCX,

I tried leaving you Email at the address below, but the message got
kicked out. Something about not finding a user "TR1610" on
delphi.com. At any rate, here is the body of the message. Get
back to me via Email and please leave me a mailbox address that
will work!

To: TR1610@delphi.com

Subject: Re: WANTED: Multimode TNC
From: darryl.linkow@grinder.org (DARRYL LINKOW)

TR>Darryl,

TR>The software is "PC-PAKRATT for Windows" version 2.0. The everything else
TR>simply meant cables, manual, etc. Let me know.

Sorry, but I do a lot of messaging on Internet Email, and do not
remember what exactly what it is that you are selling! It
helps if you quote part of the previous message when replying to
someone on these nets. That being the case, would you be so kind
as to reply with the full description of the package that you are
selling? I am very interested in getting PC-PAKRATT for Windows
2.0 from you. Just let me know the what the rest is and I'm sure
we can work a deal.
73 de KE6IHA - Darryl

Email: darryl.linkow@ledge.com
OR
darryl.linkow@grinder.org
---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PST

End of Info-Hams Digest V95 #2
****

25. UUDECODE via Email??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 18:00:33 UTC
From: reggie@aztec.inre.asu.edu
Message-ID: <3e6qk1$nhn@news.asu.edu>
Source record: 254172

Hello all! About 10 days or weeks back I noticed a message describing how to get a copy of UUDECODE via Email to use on a PC. (make that 2 weeks back) Anyone else remember seeing that message or have info?? I would like to try it but have lost the disk the message was saved to. I could have sworn that message was in this news group but can't find it again.

Thanks, de Reg

26. HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 18:19:15 UTC
From: davev@atkc.COM
Message-ID: <9501011819.AA23079@venus.atkc.com>
Source record: 254174

Date: Fri, 30 Dec 1994 17:01:30 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: More Amiga and Packets and everything else under the sun.

> In article <3dvmlp$3oj@athos.cc.bellcore.com> papo@briscas.ctt.bellcore.com
(25383-anaya) writes:
> [Question on using a Radio Shack HTX-202 with packet]
>
> A HT can be used for 1200 baud packet, lots of people do. Running
> an external antenna and a power supply are good ideas, and fortunately
> the HTX202 can tolerate the stronger signals from an external antenna
> better than most HTs.
>
> ...
>
> An old, and cheap, crystal controlled mobile radio may be your
> best bet for conversion to run 9600 baud. True FM and a direct
> discriminator output are the key things to look for, as well as
> an IF filter that isn't too narrow and doesn't have too much phase
> distortion near it's passband edges.
>
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

To my knowledge, the HTX-202 does have true FM rather than phase
modulation. That's what the guy who posts about once every two weeks
about how great the HTX-202 says. Me, I've got one for me and one for
the XYL, but I don't run packet. As far as the receiver goes, the HTX-202
is about as clean a 2M FM rig as I've heard, if that means anything on
packet.
==========
This message does not constitute any official or unofficial statement or
policy of American Turnkey or any other organization, corporation or
institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 x-168 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

27. How to set the beam direc

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 18:36:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20206.7585.0NFB89C8@woodybbs.com>
Source record: 254175

YS>Hi, I hate to ask such a primitive question, but what is the easy and
>accurate way to find the beam antenna orientation for a particular
>country or state?

YS>73, Yuzuru Suzuki, AA1JA (e-mail address: ys@isr.harvard.edu)

Your letter/diskette/S.A.S.E received 12-31-94.

Programs written to disk 01-01-95 (Happy New Year)

Diskette will be mailed to you on 01-02-95.

Interested to know how you managed to obtain such an "appropriate"
callsign.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

28. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 18:48:34 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3e6te2$nep@crcnis3.unl.edu>
Source record: 254177
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <3e495a$l3i@crcnis3.unl.edu> gbrown@unlinfo.unl.edu
: (gregory brown) writes:

: >As far as HF is concerned, are you proposing a class-less
: >licensing system with full privileges for all??

: Yes, that's exactly what I have in mind. I even have a modest suggestion
: for a name for the class, we could call it "amateur". For those who
: simply must have wallpaper to confirm their self worth, the ARRL could
: offer a series of certificates of varying technical difficulty, and
: even Morse Code speed runs, if that seems of any interest.

: Gary

There are so many problems with that proposal that I hardly know where
to begin. Trying to be brief:

The current incentive licensing structure may need some adjustment,
but its intended purpose is based upon sound reasoning. In exchange
for a demonstrated increase in ones technical knowledge and operating
skills, you get more priveleges. This is a fairly logical way to
promote "self-training" in the Amateur Service. Without it, I suspect
the average amateur, given full priveleges, would be inclined to close
the books, settle into his favorite niche, and that would be that.
The fact that the current testing scheme is probably inefficient at
assuring real improvement in skills and knowledge is another question
altogether.

How would a one-class Amateur Service work? Is there a test at all?
If so, would it be equivalent to the Novice or Tech? If so, do you
really want to give that level of demonstrated knowledge full
priveleges? If you make the test difficult enough to assure that the
person is fully capable of dealing with full privs, then how is the
newcomer, with no electronics background or experience, ever going to
get into ham radio?

In an ideal world, you might suggest, a "real amateur" would want to
learn new things and advance on his own. Some would, and some do.
But be honest...the _average_ ham needs some incentives.

Upgrading for most has nothing whatever to do with "confirming our
self worth" as you assert. It is a simple matter of gaining increased
priveleges. That's the way the system was intended to work. In this
day of push-button-everything, what is wrong with asking someone to
demonstrate increased knowledge in exchange for increased priveleges?

A lot of people have said if we change "this" or "that" about ham radio, it will become just like citizens band...maybe yes, maybe no. But if you remove the incentive system from amateur radio, you're going to create a huge population of very content "mike-potatoes". I don't know if that's citizens band, but it sure isn't (or shouldn't be) ham radio.

Greg
WB0RTK

29. Re: NEW YEAR'S #1

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 18:53:39 UTC
From: andy@clark.net
Message-ID: <3e6tnj$6dm@clarknet.clark.net>
Source record: 254176

Jason Thomas Lynch (bb268@yfn.ysu.edu) wrote:

: Hey! I'm writing from Michigan, and am wondering something. What
: was the #1 most requested or played song of the year in your part
: of the country? Please reply personally. Any info you can give
: me will be helpful. Please state where you're from, and what kind of
: station you got this info from. Thanks.

Hmmm...I would have to say that here in the Greater Washington D.C. area,
the most requested/played song of the year was The Funeral March.

k4adl

30. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 19:06:31 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3e6ufn$l15@cat.cis.Brown.EDU>
Source record: 254030
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3e6te2$nep@crcnis3.unl.edu>,
gregory brown <gbrown@unlinfo.unl.edu> wrote:

>The current incentive licensing structure may need some adjustment,
>but its intended purpose is based upon sound reasoning. In exchange
>for a demonstrated increase in ones technical knowledge and operating
>skills, you get more priveleges.

The problem with the examinations today is that they don't test for
a demonstrated increase in ones technical knowledge. They simply test
to make sure you are able to memorize the question pool.

>Without it, I suspect
>the average amateur, given full priveleges, would be inclined to close
>the books, settle into his favorite niche, and that would be that.

Are you implying that this doesn't happen today already? I can't count the
number of "amateurs" I know that are either single-mode operators, or have
no interest in learning about other modes.

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

31. Courtesy in exchanging QS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 19:08:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20207.7585.0NFB89C9@woodybbs.com>
Source record: 254029

YS>I sent a self-addressed envelope and an IRC to a DX QSL manager.
>This QSL manager resides outside the U.S. When I received my
>QSL card, I found other QSL cards are enclosed. These cards are
>addressed to U.S. amateur radio stations which I have no previous
>knowledge of. Apparently, the QSL manager wanted me to check
>the address of these U.S. hams, and mail the cards to them.

YS>I would be happy to help this person, but I would expect that he
writes at least a brief memo explaining what he would like me to do
as a matter of courtesy. Am I expecting too much from him as
courtesy?

It's not new... I've seen this happen before...10-15 years ago...

Often it occurs because international postage FROM other countries is so
high that it can bankrupt operators who desire to send QSLs.

I must agree that it curely would have been a nice (at least) gesture
for the QSL manager to have included a note requesting your assistance
in forwarding his QSLs. Unfortunately, we see all too little courtesy
among our ranks these days... and it doesn't appear to be getting much
better. There may have been a language barrier, but, if the manager
REALLY wanted to send a note, I'm pretty sure he could have found
someone to assist in the preparation of a 'master' text which he could
have copied (either manually or mechanically) for sending to those whom
he expected to perform the gratis forwarding.

Hope you got my other message... the DISKETTE with BEAM HEADING software
is on its was as of 01-02-95.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

32. HP 9000/710 Morse Tutor Software (Unix)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 19:57:50 UTC
From: Quentin Campbell <Q.G.Campbell@ncl.ac.uk>
Message-ID: <3e71fu$rg7@whitbeck.ncl.ac.uk>
Source record: 254031

I am interested in writing a morse tutor for HP 9000/7xx machines running HP-UX 9.0x. This program is unusual in that its aim is to develop a fast touch-typing response to morse characters received by the human operator. The only real difficulty with this tutor software is getting the 9000/7xx system to generate the necessary audio output.

(A question: The Royal Navy trained its Wireless Telegraphists to record received morse on typewriters. There were a number of operational reasons for this but among them was that it facilitated good accuracy at high speeds. Did the US Navy train its operators in the same way?)

The 7xx series systems have a sounder on their HIL board which has a neat subroutine interface requiring a single call to generate a tone of specified pitch and duration. However, try as I have, I cannot get it to generate a series of tones from a C-program.

I have made some further enquiries about this but without success. The various e-mail lists to which I appealed that deal with HP-UX and related topics have not turned up a copy of the "HIL Technical Reference Manual" and the respondents also seem to be unanimous in saying forget the HIL sounder and instead use the Audio Interface (APPI). However this is a very clumsy interface for my purposes.

Has anyone out there any experience of software of this type on HP-UX systems? I would be grateful for any C-source code examples that uses the APPI and timer routines to generate from within the program the data file needed to output a series of short duration simple tone through this interface.

(BTW: I have obtained a copy of the morse tutor for Apollo systems from one of the Amateur Radio archives but this does not really help.)

I can be e-mailed as Q.G.Campbell@ncl.ac.uk if you wish to send responses directly.

Thanks in advance

Quentin Campbell (G4OEU)

33. Midwinter Maddness Hamfest MN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 20:20:28 UTC
From: jerryd@millcomm.com
Message-ID: <3e72qc$ivj@news.millcomm.com>
Source record: 254032

For those who are interested

14th Annual MIDWINTER MADNESS at National Sports Center, Blaine, MN. Exit #32 off 35W. Exposition 7:30 AM to 2:30 PM Saturday February 11, 1995. Admission $7.00 @ door. Super buys on computers, software, hardware, components, peripherals, amateur radio equipment. Over 30 commercial vendors; over 250 hobby market tables selling used equipment. Info: RARC, PO Box 22613, Robbinsdale, MN 55422, or tel. (612) 537-1722.

Amateur Radio Exams, Friday February 10, 1995 at 6:00 PM. Registration for exams, Dave Harrell (612) 459-8678

If you have any questions call the Hotline at (612) 537-1722 or leave me E-mail.

--
****
= jerryd@millcomm.com * n0fwg@tdkt.mn.org = Lost in the world of *
* Jerry Dorf, N0FWG = 45.11.24 N * Telecommunications? *
= Buffalo MN * 93.51.54 W = Internet, Usenet! *
****

34. Re: MSA685 amp for my Sta

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 21:22:28 UTC
From: hduff@humnet.westonia.com
Message-ID: <7713-32050106@humnet.westonia.com>
Source record: 254037

```
Iz>
Iz>
Iz> VE3OYH hduff@humnet.westonia.com wrote:
Iz>
Iz> : Try DownEast Microwave ( their address & phone number is in the
Iz> : magazines). They stock a full line if MMIC's.
Iz> : Be sure to install the new device the correct way. I know that some of
Iz> : the Avantek MMIC's have the dot or dimple on the output lead where
Iz> : Minicircuits might be on the input lead.
Iz>
Iz> I've never seen this--a case where the Mini-circuits version was
Iz> different from the Hewlett Packard/Avantek version.
Iz>
Iz> The convention is to cut the input lead at an angle so it looks
Iz> different from the other leads (devices in the 85 case, called
Iz> MAR devices by Mini-Circuits) There is also a color dot that
Iz> indicates the device type. I've always seen it placed next to
Iz> the input lead, but have never seen manufacturer documentation
Iz> that that says this is a valid indicator.
Iz>
Iz> There is a bump on the case indicating the output lead for
Iz> the 04 case, called MAV devices by Mini-Circuits. These
Iz> are bigger cases, about 0.2 inches in diameter. The type
Iz> 06 devices don't seem to be available in this bigger package.
Iz>
Iz>
Iz> --
Iz> Zack Lau KH6CP/1 2 way QRP WAS
Iz> 8 States on 10 GHz
Iz> Internet: zlau@arrl.org 10 grids on 2304 MHz
Iz>
```

You're right Zack...What I meant to suggest was to be aware, as you mention that the XX85 MMICs have the paint dot to indicate the input lead while the XX04 case MMICs have the bump to indicate the output lead...This has confused me in the past until I finally got it all straightened out. The intent was to express the necessity of paying attention to the polarity of the device.

I've been told that the MiniCircuits MMIC's are actually made by Avantek..(and so they *should* be the same)...can you confirm this ?

Hugh Duff VE3OYH Toronto

NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
---

35. Re: how do you exchange QSL cards ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 21:46:25 UTC
From: Phil Irons / VE1BVD <ironsp@fox.nstn.ns.ca>
Message-ID: <3e77rh$pqf@Owl.nstn.ca>
Source record: 254033

tigger@prairienet.org (Sean E. Kutzko) wrote:
>
>
> In a previous article, wcoyle@delphi.com () says:
>
> >One thing when QSL ing to consider is that if you work a
> >novice, or a new general op, that person may not have QSL's
> >printed up yet. By the time I got my QSL's printed, I had
> >racked up over 100 QSO's and I had allready recieved about 20
> >cards. Some other things to consider in the QSL game
>
> This is a valid point. In addition to that, I'll usually let my "SASE
> Required" rule slide if I work a new guy, because he doesn't know the
> etiquette yet. This is a chance for education. I don't slam a guy just
> because he doesn't know something...I'll send him a card along with a
> note that sez, "SASE next time, OK?" I've yet to receive any maligning
> over that practice, though the day may come. :)
>
> >
> > Some folks are really busy and don't always have the time
> >(I'm busy, but I usually try to write up the QSL right after I
> >get off the air).
>
> Wish I'd thought of that! I just spent the last week filling out requests
> I've received from the buro, plus all of my outgoing requests. This
> involves my unconfirmed DXCC countries, new countries for me on 40 and
> 80 meters, new states for my 5-band Worked All States effort, and new
> grid squares on 6 meters. Total output: 500+ QSL's.
>
> I need a computer to do all this stuff...my arm is tired!
> >
> > And last, the cost. With a new postal increase hanging
> >over all our heads, the costs are getting high.
>
> this is a personal issue, especially with personal outgoing requests. I
> want my new countries on 40 and 80 meters in hand as soon as possible, so
> I'm sending out all my requests DIRECT. Once you figure in return postage, I
> figure I've got about $100 worth of direct cards going out. Buro would be
> cheaper, but it can take YEARS in some caes.
>
> >
> > I myself QSL 100%. If I get a card, the other person
> >always gets one back.
> >

>
> An honorable practice that is slipping by the wayside.
>
> > While we are on the QSL subject, has anyone given
> >thought to the idea of a DOMESTIC QSL service? Some league
> >officials had suggested the idea, and I was wondering what
> >everyone thought of it.
> >
>
> The folks who chase counties on 14.335 have already established their own
> buro.
>
> > In closing, I think QSLing is one of the traditions
> >than no one can really argue with. You could sit here and
> >argue about CW and AM untill you are blue in the face, but
> >QSLing applies to all aspects of ham radio and is one tradition
> >worth holding on to.....
>
> Agreed.
>
>
> Sean
>
> --
> Sean Kutzko Amateur Radio: KF9PL
> Urbana, IL DXCC:300 worked/278 cfmd
>
> "Therapy is like open-heart surgery in installments." -Robin Williams

I would like to suggest to all amateurs, but especially those in the US, that when you want to have a QSL returned, that you enclose either an IRC or "green stamp" or the proper postage stamp for the country of the amateur who will be returning a card to you.

It is most upsetting to receive an SASE from a US amateur with the correct postage from the US to Canada, but in AMERICAN stamps! Unfortunately, NAFTA not withstanding, Canada Post will only accept Canadian postage.

I'll put my sopabox away for now, but watch this space! 73 & Happy New Year!

Phil

--

36. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 21:50:17 UTC
From: chiner@quark.gmi.edu
Message-ID: <3e782p$jb9@zip.eecs.umich.edu>
Source record: 254034

Kendell Chilton (chilton@emc.com) wrote:
: and noticed that the safety guide in the seat back pockets
: indicated that the use of portable electronic games, radio
: telephones, broadcast radio receivers, portable CD players
: (the drawing was 'iffy' on this one) were all banned along
: with smoking, lighters (open flame), etc.

I remember seeing an article (about a year ago?), in
PC Computing magazine, in which they tested quite a few
electronic devices in an aircraft. They had spectrum
analyzers and such in a shielded hanger. They took
measurements at several different places, including the NAV
receiver antenna... Several portible (Walkman style) receivers
put out a very large amount of RF, very close (if not in)
to the NAV frequency band. Most of the computers were
very RF quiet.... (I think Class B cert. helps)

Chris Hiner
N8TZQ
--
Error Reading .Sig file, please run fsck.

37. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 22:11:02 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3e799m$nno@crcnis3.unl.edu>
Source record: 254035
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: In article <3e6te2$nep@crcnis3.unl.edu>,
: gregory brown <gbrown@unlinfo.unl.edu> wrote:

: >The current incentive licensing structure may need some adjustment,
: >but its intended purpose is based upon sound reasoning. In exchange
: >for a demonstrated increase in ones technical knowledge and operating
: >skills, you get more priveleges.

: The problem with the examinations today is that they don't test for
: a demonstrated increase in ones technical knowledge. They simply test
: to make sure you are able to memorize the question pool.

True. But it is better than nothing. We _should_ make it better, of
course.

: >Without it, I suspect
: >the average amateur, given full priveleges, would be inclined to close
: >the books, settle into his favorite niche, and that would be that.

: Are you implying that this doesn't happen today already? I can't count the
: number of "amateurs" I know that are either single-mode operators, or have
: no interest in learning about other modes.

: MD

No, I'm certainly not suggesting it doesn't happen now. That's why it
needs "adjustment". My comments were in response to the suggestion
that we eliminate the incentive system altogether, and have a single
class of amateur license with full priveleges. As I said, the
problems with current testing are a separate problem.

Greg WB0RTK

38. Alinco DJ-580 keypad? ...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 22:29:27 UTC
From: drranu@lamar.ColoState.EDU
Message-ID: <3e7ac7$23ck@yuma.ACNS.ColoState.EDU>
Source record: 254036

My keypad on my 580 has been worn down now so that one cannot read the characters that were once printed on them (goes to show you how much I use it!). I am interested in getting a replacement keypad (the opaque white face on the front), if you happen to have a mutilated 580 with no need for the keypad please let me know, maybe we can work something out. Or if you have any information about where to get one please mail me or post here.

Damn fine radio...
Thanks for your time!

--
-Emarit drranu@lamar.ColoState.EDU

KG0CQ _._ __. _____ _._. __._

39. Ohio/Penn DX Bulletin #188

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 23:05:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.188@ampr.org>
Source record: 254039
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.188
Ohio/Penn DX Bulletin No. 188

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 188
BID: $OPDX.188
January 2, 1994
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, K4CEF & Southeastern Cluster Group, WA8JOC, NW8F, WB9YXY, KP4BJD, KP4ECL, NCDXF, 3A2LZ, DF4RD, G3NUG, G4DYO, Japan DX News and JE1DXC for the following DX information.

1P0, SEBORGA. In a fax received by Daniel, 3A2LZ, he states he has received operating permission for 1995. So look for him as IK/3A2LZ/1P0D usually on weekends operating CW, RTTY (until the laptop's battery runs out) and for some activity on the WARC bands. Daniel also mentioned if there are any RS-12 passes while he is in Seborga he will work them too.

1S, SPRATLY ISLANDS. Robin, DU9RG, has announced that plans are being made for an operation around April 10-16th. The callsign that will be used is DU0K. No other information was made available (such as bands, number of operators, QSL route, etc.). Just a reminder that Spratly is claimed by several countries.

8Q, MALDIVE ISLANDS. Carlo, I4ALU, is supposed to be active from here until January 6th, but there have been no QSNs reported as of yet on the Ohio/Penn Network. His activity is to be on all bands CW only, check 10 kHz up from band edge. QSL via I4ALU.

A22, BOTSWANA. Dave, A22MN, will be leaving A2-land in February. He will move on to Finland where he will be there for the next 3-4 years. Meanwhile, Dave has been trying to work stations on 80/160 meters. He is reportedly upset because the same individuals keep calling him on these bands and they are not giving other stations who would like to have a chance to work him as an new one. Also, PLEASE send QSL cards only to his QSL Manager WA8JOC (and not direct to Dave). Dave's future plans while in Finland are to operate from OH0, OJ0 and M-V Island.

IOTA NEWS (H44 and P29). In the second part of January, Norbert/DJ9RB and Bernhard/DL2GAC (H44MS) will be active on CW, SSB and PACTOR with an emphasis on the low bands from Shortland Island (IOTA OC-162)

located in the Western Solomons. After this operation, Bernhard says he will try and activate on his own at Sikaiana Island (the only remaining unnumbered group in the Solomons). Another possibility for March is an island in the Woodlark Group in P29. This is another unnumbered group from Papua New Guinea.

OD, LEBANON. Timo, OH1NOA, will be active as OH1NOA/OD5 until August of 1995. Activity will be on 80-10 meters including the WARC bands (he prefers CW). QSL via OH1MRR.

PACIFIC DXPEDITIONS.
Masa, JE1DXC, who has finally worked out his flight reservation problems, will be active from three different IOTA locations in the Pacific. All activities will be on 80-10 meters with CW, RTTY and SSB while operating barefoot in small antennas. Look for him January 19-20 as 3D2XC (IOTA OC-016), January 21-26 as T30XC (IOTA OC-017), January 27 through February 2 as T20XC (IOTA 0C-015) and February 3-5 he will be active again as 3D2XC. QSL via JE1DXC.

Yoshihiro, JF6BCC, will be active from Saipan (KH0), Belau (KC6) and possibly Guam (KH2) begining in late January. Look for KH0/KH2GR on January 27-29th, KC6IY on January 29-February 1st and possibly KH2GR on February 2nd. QSL via JF6BCC.

QSL INFO (from KF7E). Jim, KF7E, QSL Manager for 5X1HR (94 CQWW SSB), indicated the QSL cards are back from the printer and the first batch of cards went into the mail December 15th (All cards were direct, no bureau cards yet received). He also mentioned that he was one of the participating stations in the Apollo 11 25th Anniversary Special Event operation this past summer and has received 800+ SASEs. On December 20th, he received from NASA the master certificate (some 5 months after the event). He regrets this delay; it was beyond his control. Jim reports the certificate is beautiful, but it will cost about a buck to print and he will be stuck with the additional postage after January 1st. Though the delay and costs are beyond his wildest expectations, he will see to it that all SASEs on hand will be answered. Your PATIENCE is appreciated.

VP8, SOUTH SHETLAND ISLANDS. Andy, SP2GOW, is one of the operators now active from Smith Island in the South Shetland group as VP8CQS. Activity has been mainly on 40 and 80 meter CW, between 2330 and 0300z. QSL via DL1EHH.

XX9, MACAO. Noda-san, JE7RJZ, will active as XX9TJZ, January 9-13th. Reports indicate he will be active on AO-10 and AO-13. QSL via JA7FWR.

ZC6, PALESTINE (?). The station signing ZC6B (operator Sami) continues to be active most days on 14243 kHz at 1400z (with OE6EEG). Sami, who claims to be operating from Gaza, stated that he will be installing a 3 element beam soon. He has also stated that he has not received any mail yet from either the USA or EU, because it takes 1 month or more to receive them. Sami has mailed some QSL cards direct by using the

callbook. According to Sami, USA cards can now be sent to: Dr. Sami Tarazi, c/o 7162 E. Kendall Drive, E. Syracuse, NY 13057. The original QSL route was: Dr. Sami Tarazi, Box 1008, Gaza, Palestine via Israel. There are other rumors floating around stating a couple of DXpeditions will take place in February and March by some JA, European and statside operators. Also, ZC6A is reported to be active soon.
Just a reminder! ZC6 was deleted from the DXCC Countries List as of July 1, 1968. Also, the allocation list of international call signs shows that the prefix for ZC6 is allocated to the United Kingdom of Great Britain and Northern Ireland. (From the ARRL DXCC Countries List, July 1994)

ZL8, KERMADEC ISLANDS. Bren, G4DYO, reports that Barry's, G4MFW/ZS1FJ, proposed DXpedition to Kermadec has been cancelled. Details were not given.

1995 JAPAN INTERNATIONAL DX CW "LOW BANDS" CONTEST takes place January 13th at 2200z through January 15th 2200z. The bands to be used 160/80/40 meters. The mode is CW. Entries can be SO/MB, SO/SB, MO/STX and SO/MB QRP. Contest exchange: JA stations (RST+JARL Prefecture Number) - DX stations (RST+CQ Zone Number). For more details contact "Five Nine Magazine": P.O. Box 59, Kasata, Tokyo 144, Japan.

AMATEUR RADIO CONVENTION IN IRAQ. From the Northern California DX Foundation newsletter, Adel M. Aswad, YI1FC, reports:" We want to inform you that we are planning to hold a world-wide radio amateurs convention in Iraq around March 1995 and we want to invite all active radio amateurs around the world..." For more information, write: Adel M. Aswad, P.O. Box 7441, Baghdad, Iraq.

KEEP THOSE BALLOTS COMING! Ballots for the Fourth Annual OPDX/NODXA DX Survey can be found in OPDX.184. Ballots can be sent to the following packet and online addresses listed below.
SPECIAL NOTE: The Europeans are outvoting stateside. Come on guys!

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

40. Re: how do you exchange QSL cards ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-01 23:06:56 UTC
From: wcoyle@delphi.com
Message-ID: <ZY3bYgw.wcoyle@delphi.com>
Source record: 254038

When I work a DX station and want a QSL direct, I always send the proper collection of IRC's. Believe it or not, though, my p.o. doesn't carry IRC's and I had to drive to the main branch in Media (about 15 miles from home and about 5 miles from school) to get them. When I went into another branch besides mine nearby, the clerk had never even HEARD of an IRC!

It's so hard to find good help these days......

73
N3OGH
Bill

41. Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 00:45:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.25378.2099@nitelog.com>
Source record: 254044

DB>groups: rec.radio.amateur.misc
DB>Organization: Wang Labs, Lowell MA, USA

DB>capool@ix.netcom.com (C. Allen Pool) writes:

DB>>Why not end all the confusion and use "Amateur Radio" instead of "ham?"

DB>>Allen Pool KB6BR capool@ix.netcom.com
DB>>Greg Pool WH6DT greg.pool@nitelog.com
DB> ^^^
DB>The same reason you say "com" instead of "commercial site"

DB>Dave
DB>--
DB>Dave Bushong
DB>Wang Labs

Yah, but you know what I mean, right, Dave? .com is a standard for
TCP/IP, and only a computer has to know what you're talking about. But
a lot of folks hear the word ham, realize they have heard it before, but
still don't know what all it encompases - because the name is not
self-explanatory. I agree with most that we should be getting
away from calling ourselves hams and instead call ourselves Amateur
Radio operators. That's primarily because I want people to know why I am
standing in a Red Cross shelter with a radio in my hand, but I think it
is good for the other aspects of our hobby, too.

Greg Pool WH6DT
ARES Emergency Coordinator, Monterey CA

 OLX 2.1 TD Aloha+73 de Greg WH6DT greg.pool@nitelog.com

42. RE: Ham Radio on IRC!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 00:45:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.25379.2099@nitelog.com>
Source record: 254045

JJ>groups: rec.radio.amateur.misc
JJ>Organization: CRL Dialup Internet Access (415) 705-6060 [Login: guest]

JJ>For those of hams who like to get on IRC there is a channel called
JJ>#hamradio! So come one and come all and join us there! Propagation is
JJ>always great and there is almost always a QSO to be had! 73!

JJ>Jeff

Yah, but how do I list that in my log book? ;-)

The FCC has their list of emissions used in the Amateur Service and IRC
ain't one of them. Ha! I guess you could call it DATA 'cause it's
telecommand and computer communications. As a fallback we could list it
as TEST - emissions containing no information.

Wait, that's *ALL* my emissions!!

See ya there some night! Greg Pool WH6DT

 OLX 2.1 TD Aloha+73 de Greg WH6DT greg.pool@nitelog.com

43. Re: FCC On-Line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 00:57:50 UTC
From: lthfbjk@northstar.k12.ak.us
Message-ID: <lthfbjk-0101951457500001@137.229.10.185>
Source record: 254040

In article <dcr-2712941619430001@nb-dyna42.interaccess.com>,
dcr@interaccess.com (Dave Radin) wrote:

> In article <D1Gq4G.Kz0@serval.net.wsu.edu>, i9261739@unicorn.it.wsu.edu
> (Mike Wallendahl) wrote:
>
> : What's all this talk I've heard about the FCC going on-line? Something
> : about new hams not having to wait for their paperwork to arrive in the
> : mail before going on the air.
I just got my license and before I got it I called the FCC and they gave
me my call sign and said I could start using it immediately and the form
would be in the mail soon.

--
Bud Kuenzli, North Pole Alaska

44. northern IL hamfest/computerfest calendar for 1/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 01:20:46 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1r7qo.J85@nntpa.cb.att.com>
Source record: 254041
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.repair,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1995 - NORTHERN ILLINOIS
last updated December 20, 1995

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@ihlpf.att.com.

JANUARY

Jan 8 (Sun) - West Allis ARC swapfest. Waukesha County Expo Center forum, Waukesha, WI. 8am-2pm, admission $4, amateur exams will be given. For info/adv tickets ($3) write: WARAC Swapfest, P.O. Box 1072, Milwaukee, WI 53201 (with s.a.s.e.)

Jan 29 (Sun) - Wheaton Community Radio Amateurs ham-fest. The Odeum exposition center, Villa Park, IL 8am-3pm, admission $8. talk-in on 144.790/+, 222.540/+. vec testing. Exhibitors/major manufacturers and sup-pliers. For info call (708)545-9950. Adv tickets are $6, quadruple prize stubs, include s.a.s.e. For adv. tickets write WCRA, P.O. Box QSL, Wheaton, IL 60189 Very crowded, somewhat overpriced indoor hamfest.

COMPUTERFEST SCHEDULE

Computer Central, College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & Col-lege Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.

1995 Show dates
Jan 22
Feb 26,
Mar 26 (at Harper College)
Apr 23
May 21
June 18

Orland Park Computer Show held at The Orland Park Civic Center, 147th Street & LaGrange Road, Orland Park, Il. 9:30AM - 3:00PM. Call 708-974-3123 for information or to get on mailing list. Admission $5.00 or $4.00 with card.

1995 Show dates
Jan 15
Feb 19
Mar 19

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

45. Spanish/Espanol

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 01:46:20 UTC
From: miglia@ix.netcom.com
Message-ID: <3e7ltc$akn@ixnews3.ix.netcom.com>
Source record: 254042

ENVIE SUS DATOS

Si es usted radioaficionado y puede hablar, entender y escribir un poco
de espanol
lo invitamos a que nos envie un E-Mail a:

miglia@ix.netcom.com

Con los siguientes datos:

Call/Letras de llamada
Name/Nombre
Internet username/Nombre de su cuenta en Internet

De de esta manera lo podremos tener actualizado de los proyectos que
otros colegas
hispanos estan realizando como ser Television, Packet, DX's, Satelite y
demas.

George Migliarini
KE6GAZ
Laguna Hills, CA 92653
USA
miglia@ix.netcom.com

46. Re: Who is EA9IE?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 01:48:22 UTC
From: bshirle@metronet.com
Message-ID: <bshirle.7.007231D4@metronet.com>
Source record: 254043

> Does anyone have any idea who is operating as
> EA9IE now and what the QSL route is?
> Thank you very much. sjhawk2@srv.pacbell.com
> 73 49 0100 1001 de Steve WV6U

Steve ....

EA9IE is a very active and well known DX'er / contester from
Cueta/Melilla. He is also known as a consistent and reliable
QSLer .... if you follow standard DX QSLing practice and
provide assistance in return postage ... ie "green stamps",
IRC's, or Spanish stamps ..... with your request

(And please don't reply with anger over the above statement.
A little reflection on the volume of requests that someone
like EA9IE receives as a "semi-rare" native DX station,
and I am sure that you will agree that helping out with the
cost of postage is only common courtesy on the part of the
garden variety US requestee ..... NOT an indication of greed
on the part of the DX station)

I would also assume that the stateside QSL manager info you
received was based upon a special or contest operation of EA9IE
by the state side ham ..... which is not unusual for a strong
station in a unique location like this one.

It has been several years since I have had an occasion to ask
for a QSL from EA9IE .... but rest assured that he was very
helpful on all five bands for my 5BDXCC ..... the following
address info is from an an old International call book .....
but the entry is highlighted and given several lines of white
space ..... so I would believe that it is still valid:

EA9IE
Juan J. Rosales Fernandez
P. O. Box 410
11080 Cueta Spain

Hope the above helps .... 73 es gud dx de kf5dx bob

47. Re: V4.02 workstation installation - help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 03:18:41 UTC
From: fm@IslandNet.com
Message-ID: <3e7rah$atu@Island.amtsgi.bc.ca>
Source record: 254055

Can any body give me sum details of operating Ham Radio in
South Africa. I am visiting there in March 1995.

Reply to;- ut538.freenet.victoria.bc.ca

Frank VE7DKJ
s
w

w
c
q

48. Re: V4.02 workstation installation - help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 03:21:30 UTC
From: fm@IslandNet.com
Message-ID: <3e7rfq$b0d@Island.amtsgi.bc.ca>
Source record: 254054

c
q

49. Can anybody out there

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 03:25:02 UTC
From: fm@IslandNet.com
Message-ID: <3e7rme$b3b@Island.amtsgi.bc.ca>
Source record: 254056

a
c
yx

50. Reduceing local interferance

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 04:47:12 UTC
From: shansen@cello.gina.calstate.edu
Message-ID: <3e80gg$759@cello.gina.calstate.edu>
Source record: 254047

I found a way to reduce interferance from an amateur transciever to a CRT. All you have to do is put a piece of aluminum foil in the way of the signals from the transciever to the sides of the screen. the front does not really matter. It seems to work gre at. I found this correction, because my sister was complaining about interferance to the monitor of the computer she was on when I was doing packet on the other one. Another great way to reduce interferance is to move the antenna away from the screen. I f ound that on an HT, moving it a foot or two reduces interferance dramatically. Just though you might want to know. This seems it might work good for front end overload on TVs too.

--

```
_____________________________________________________________
|o| Steve V. Hansen |o|
|o| 73 -- Todd S. Hansen, KD6YPS |o|
|o| shansen@cello.gina.calstate.edu |o|
|o| KD6YPS@W6IVO.#SOCA.CA.USA.NA <- Amateur Radio PBBS |o|
|o| kd6yps@n6roe.ampr.org <- Amateur Radio TCP/IP |o|
|o| Yorba Linda, California |o|
|o| I am going to live forever or die in the attempt! |o|
|v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^|
```

51. Re: Best Logging Software?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 05:57:58 UTC
From: Joe@interramp.com
Message-ID: <3e850c$1m5@www.interramp.com>
Source record: 254049

In article <1994Dec28.225037@omega.ntu.ac.sg>, <asirene@omega.ntu.ac.sg>
writes:
> Path:
interramp.com!psinntp!news.intercon.com!uhog.mit.edu!sgiblab!cs.uoregon.edu!new
s.uoregon.edu!ntuix.ntu.ac.sg!omega.ntu.ac.sg!asirene
> From: asirene@omega.ntu.ac.sg
> Newsgroups: rec.radio.amateur.misc
> Subject: Best Logging Software?
> Date: 28 Dec 94 22:50:37 +0800
> Organization: Nanyang Technological University - Singapore
> Lines: 2
> Message-ID: <1994Dec28.225037@omega.ntu.ac.sg>
> NNTP-Posting-Host: omega.ntu.ac.sg
>

> Anyone have any ideas what the best LOGGING software around is? It has to
support Packet TNC, control ICOM, logging etc etc.
> Thanks.
I have not tried all the logging software out there but I do use TOTAL HAM. It
is sold by REMWARE, PO Box 1566, Manassas, VA 22110. Write and ask for a demo.
They provide a demo with slightly limited capabilities so you can try it out.
Supports PACKET CLUSTER spots, ICOM, Kenwood, Ten-Tec, Yaesu radios, etc.

52. Motorola 2m ham portable?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 06:08:51 UTC
From: franklin@freenet.vancouver.bc.ca
Message-ID: <3e859j$81r@freenet.vancouver.bc.ca>
Source record: 254048

I have heard a rumour that Motorola may be bringing a new 2 m ham
portable on the market. Rumour also has it that they have already
introduced such a radio into the Asian marketplace. Is this rumour
totally bogus? Has anyone heard anything similar?
Greg
VE7FXG
Vancouver, BC

53. Re: Need FCC Help with Intentional QRM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 06:23:43 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3e865f$12uu@blue.weeg.uiowa.edu>
Source record: 254050

jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT) writes:

>Does that mean that if we find the guy, it's FCC-sanctioned to stick a pin
>through his co-ax?

No, it just means they don't want to get involved.

Avoiding responsibilities is what bureaucrats do best.

NE0R

54. Re: PCMCIA TNC ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 07:57:02 UTC
From: rpao@paonet.org
Message-ID: <D1rq33.Eo@paonet.org>
Source record: 254053
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc

scotte@ccs.neu.edu (Scott Ehrlich) writes:

>Does anyone know if any manufacturer plans to market any PCMCIA type II TNC?

>I have a laptop now, and it would be wonderful to keep the serial port
>free for other uses and just use the PCMCIA port.

Might be easier to just get a PCMCIA serial port. There's one at Fry's
Eletronics, from Soquet, but it's FCC Class A.

rp95
--
Roger C. Pao <rpao@paonet.org>

55. Re: Mnemonic for KC7FUM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 08:45:44 UTC
From: ben@nj8j.atl.ga.us
Message-ID: <Xa90Xc2w165w@nj8j.atl.ga.us>
Source record: 254051

gbrown@unlinfo.unl.edu (gregory brown) writes:

> Use of "cute" phonetics under conditions where
> phonetics are really needed is not very effective.

With certain exceptions, notably Field Day. When I was back in West Virginia, and working Field Day for the Mountaineer Amateur Radio Association(W8SP), it was amazing how often one could break a pileup by using the phonetics "Whiskey Eight Super Pickle".

Ben
--
Ben Coleman NJ8J | "All that is not eternal is
Internet: ben@nj8j.atl.ga.us or | eternally out of date."
bcoleman@mindspring.com | C. S. Lewis

56. Re: UUDECODE via Email??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 08:56:01 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3e8f31$d6v@info4.rus.uni-stuttgart.de>
Source record: 254052

>Hello all! About 10 days or weeks back I noticed a message
>describing how to get a copy of UUDECODE via Email to use on a
>PC.

Reg,

There are special newsgroups, which will help.
like news.answers, comp.answers. there you find faq's how to
use ftp-servers with ftpmail. I dont have a copy handy right now,
but I hope you find ways to get into ftp.

good luck, Moritz DL5UH

57. Re: H2O in coax

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 09:33:31 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-0201951033310001@kip-59.apple.com>
Source record: 254069

In article <9412280303591.The_Win-D.rickmcm@delphi.com>,
rickmcm@delphi.com (Rick McMillion) wrote:
>
> Speaking of which has anyone reported on the new 9913 replacement coaxes?
> I tried some of the 9913 equivalent coax from Cable X-Perts. It had
> tremendous loss on 1265 Mhz, in fact, it was totally unusable on 1.2 Ghz. It
> looks just like 9913, but it does not seem to be consistent quality
throughout
> the two 500 ft rolls that I got. I ended up giving most of it away to
folks to
> use on 2 meters. I tried some of the new Cushcraft Ultra Link cable, and it
> worked great at 1.2 Ghz. Anyone else try any others?
>

My current favorite is TImes Microwave LM400- a little lower loss at 1.2GHz
than 9913, uses the same connectors. Solid dielectric, so you can't use it
for a garden hose. The center conductor is copper clad aluminum, so it is
much more flexible than 9913- a real bonus.

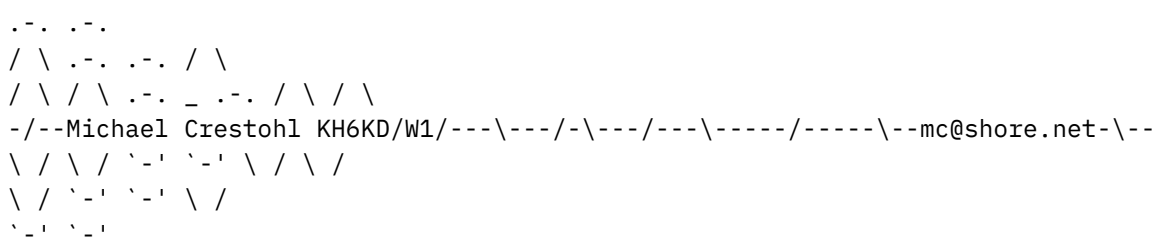
--

Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc * #include <disclaimer.h>
--
This Green Card .sig is here to piss off Canter and Siegel.

58. Re: [Q] K2ORS - Jean Shepard

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 10:29:26 UTC
From: mc@shore.net
Message-ID: <3e8ki6$h8i@shore.shore.net>
Source record: 254057

I worked Jean K2ORS several times over the years when he would visit his summer place up in Oakland Maine. I recall the contacts because I recognized his call. I remember him from my younger days reading MAD MAGAZINE to which he was an early contributor. I wonder if he still spends his summers up in Maine?



59. Re: Who is EA9IE?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 12:44:50 UTC
From: kebsch@pdb.sni.de
Message-ID: <3e8sg2$83q@nanette.pdb.sni.de>
Source record: 254058

In <3e16jg$1fg@gw.PacBell.COM> sjhawk2@srv.PacBell.COM (Stephen Hawkins) writes:

>Hello,
> On 17 Dec 1994, I worked EA9IE long path on 20 meters.
> I QSL'ed to the call listed in the QSL server, "N6TR".
> I just got my card back from N6TR saying that he was
>
> [.. deleted ...]

Dear Stephen,

sorry, I don't have any qsl info for you, but ..

.. before I start to call in a pile-up I know the callsign, the qsl route and
the name of the operator and .... hi, hi.

Sorry, I could not resist. :)

73 de DK3VN
Waldemar
--
Waldemar Kebsch (dk3vn), c/o Siemens Nixdorf Informationssysteme AG,
33106 Paderborn, Federal Republic of Germany, E-Mail: kebsch.pad@sni.de

60. Re: HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 13:16:37 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan2.131637.2312@ke4zv.atl.ga.us>
Source record: 254060

In article <9501011819.AA23079@venus.atkc.com> davev@atkc.COM (Dave van De Kerk) writes:
>> An old, and cheap, crystal controlled mobile radio may be your
>> best bet for conversion to run 9600 baud. True FM and a direct
>> discriminator output are the key things to look for, as well as
>> an IF filter that isn't too narrow and doesn't have too much phase
>> distortion near it's passband edges.
>>
>> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>
>To my knowledge, the HTX-202 does have true FM rather than phase
>modulation. That's what the guy who posts about once every two weeks
>about how great the HTX-202 says. Me, I've got one for me and one for
>the XYL, but I don't run packet. As far as the receiver goes, the HTX-202
>is about as clean a 2M FM rig as I've heard, if that means anything on
>packet.

Yes, that's true, but to run 9600 you still have to go inside and
modify the rig to get direct varactor modulation and direct discrminator
output. Most folks are a bit shy about doing that to the tiny innards
of a HT. You can't just use the mike and earphone connections for 9600,
but they'll do fine for 1200 baud.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

61. RETURNED BY ADMINISTRATOR

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 14:12:05 UTC
From: postoffi@ah.usa.com
Message-ID: <95Jan02101205.LOCF89@IH.USA.Com>
Source record: 254059

Abs: Q.G.Campbell@ncl.ac.uk (Quentin Campbell)
Date: 01/01/95 19:57

I am interested in writing a morse tutor for HP 9000/7xx machines running HP-UX 9.0x. This program is unusual in that its aim is to develop a fast touch-typing response to morse characters received by the human operator. The only real difficulty with this tutor software is getting the 9000/7xx system to generate the necessary audio output.

(A question: The Royal Navy trained its Wireless Telegraphists to record received morse on typewriters. There were a number of operational reasons for this but among them was that it facilitated good accuracy at high speeds. Did the US Navy train its operators in the same way?)

The 7xx series systems have a sounder on their HIL board which has a neat subroutine interface requiring a single call to generate a tone of specified pitch and duration. However, try as I have, I cannot get it to generate a series of tones from a C-program.

I have made some further enquiries about this but without success. The various e-mail lists to which I appealed that deal with HP-UX and related topics have not turned up a copy of the "HIL Technical Reference Manual" and the respondents also seem to be unanimous in saying forget the HIL sounder and instead use the Audio Interface (APPI). However this is a very clumsy interface for my purposes.

Has anyone out there any experience of software of this type on HP-UX systems? I would be grateful for any C-source code examples that uses the APPI and timer routines to generate from within the program the data file needed to output a series of short duration simple tone through this interface.

(BTW: I have obtained a copy of the morse tutor for Apollo systems from one of the Amateur Radio archives but this does not really help.)

I can be e-mailed as Q.G.Campbell@ncl.ac.uk if you wish to send responses directly.

Thanks in advance

Quentin Campbell (G4OEU)

62. Re: New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 14:33:53 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <3e92sh$990@vixen.cso.uiuc.edu>
Source record: 254061

In <93.19807.7585.0NFB88EF@woodybbs.com>, ham.dist.net@woodybbs.com (Ham Dist Net) writes:
>The following files were processed Tuesday 12-27-94 by the Ham Dist Net
>Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

.....

Are files on this anonymous FTP listed and described anywehere in an
OOindex.txt file?

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

63. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 14:40:45 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan2.144045.2742@ke4zv.atl.ga.us>
Source record: 254062
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3e6te2$nep@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: In article <3e495a$l3i@crcnis3.unl.edu> gbrown@unlinfo.unl.edu
>: (gregory brown) writes:
>
>: >As far as HF is concerned, are you proposing a class-less
>: >licensing system with full privileges for all??
>
>: Yes, that's exactly what I have in mind. I even have a modest suggestion
>: for a name for the class, we could call it "amateur". For those who
>: simply must have wallpaper to confirm their self worth, the ARRL could
>: offer a series of certificates of varying technical difficulty, and
>: even Morse Code speed runs, if that seems of any interest.
>
>There are so many problems with that proposal that I hardly know where
>to begin. Trying to be brief:
>
>The current incentive licensing structure may need some adjustment,
>but its intended purpose is based upon sound reasoning. In exchange
>for a demonstrated increase in ones technical knowledge and operating
>skills, you get more priveleges. This is a fairly logical way to
>promote "self-training" in the Amateur Service. Without it, I suspect
>the average amateur, given full priveleges, would be inclined to close
>the books, settle into his favorite niche, and that would be that.
>The fact that the current testing scheme is probably inefficient at
>assuring real improvement in skills and knowledge is another question
>altogether.

The current exam structure is *not* a "fairly logical way to promote
self-training in the Amateur Service." That, and the fact that the
exam structure has little or no rationality in coupling skill testing
with associated priviledges, make it less than worthless. It's actually
an impediment to encougaging amateurs to continue to learn and update
their skills throughout their amateur career. And indeed, many (most?)
amateurs settle into a niche once the tests are out of the way, and
forgotten. Passing the tests should not be an end to learning, but
rather a beginning. The way the tests are structured invites amateurs
to stop learning once they have that Extra. The exam structure also
places a disproportionate emphasis on manual Morse and slivers of
HF as the end all and be all of amateur achievment.

>How would a one-class Amateur Service work? Is there a test at all?
>If so, would it be equivalent to the Novice or Tech? If so, do you
>really want to give that level of demonstrated knowledge full

>priveleges? If you make the test difficult enough to assure that the
>person is fully capable of dealing with full privs, then how is the
>newcomer, with no electronics background or experience, ever going to
>get into ham radio?

Ok, lets examine what an applicant should know in order to operate
an amateur station. The most basic thing is to know the rules of the
road. *All* amateurs need a working knowledge of Part 97. That's
basic. There's no reason to allow Novices or Techs to operate with
less knowledge of the regulations than what's needed for an Extra
exam. If we are eliminating class distinctions, the class band and
power limits will no longer exist, so everyone needs the same knowledge.
I'd recomend that the exam have a regulatory element of 50 questions,
open book, with every applicant required to bring a current copy of
Part 97 to the exam. This has several benefits. First it demonstrates
that the applicant knows how to access and interpret the rules for
a variety of situations, and second it assures that each new amateur
has a current copy of Part 97 available. Since rules change, and
memory is often faulty, requiring the applicant to have the skill
to look up and interpret regulations to fit situations gives the
successful applicant a useful lifetime skill.

As important as knowing the rules of the road, is knowing how to
operate an amateur station safely. The second element of the
proposed exam would be a 50 question element on electrical and RF
safety. This would also be open book with a current copy of the
National Electrical Code, and any and all relevant ANSI documents
allowed. Stressed on this exam element would be basic station wiring,
basic antenna wiring and structural issues, and basic RF biohazard
issues. The successful applicant should gain a fundamental grasp
of issues of safety, and where to find detailed information to
answer questions about particular situations that may arise in
his amateur career.

An amateur must know how to avoid causing interference to other
services, particularly critical life safety services. Thus the
third element of the exam will deal with RFI, electromagnetic
compatibility, and spectral purity issues. For most applicants,
this will be the most difficult exam element. There will be
100 questions, again open book, dealing with recognizing, measuring,
and solving problems of electromagnetic incompatibility in conjunction
with amateur equipment and operatons. There will be an approved
list of reference texts that can be used for the exam. The successful
applicant will gain a working knowledge of testing, measuring, filtering,
shielding, and circuit design to prevent unwanted emissions.

There will be no time limit for these elements, the applicant can
employ any electronic calculating tools she may desire to use,
and a passing score of 70% will be required on each element.
The exam questions should be formulated so that anyone of average
reading and comprehension skills, given access to the appropriate

references, should be able to pass the element. No particular memorization skills or motor skills or prerequisite electronic training should be required.

Now *that's* what I'd consider an appropriate exam for an amateur license. It demonstrates that the successful applicant has the necessary skills to carry out a lifetime of self training in the radio arts.

>A lot of people have said if we change "this" or "that" about ham
>radio, it will become just like citizens band...maybe yes, maybe no.
>But if you remove the incentive system from amateur radio, you're
>going to create a huge population of very content "mike-potatoes". I
>don't know if that's citizens band, but it sure isn't (or shouldn't
>be) ham radio.

Frankly, I don't see any real difference between current amateurs suffering under the flawed "Incentive" Licensing scheme and amateurs of pre-68 who didn't have such artificial distinctions drawn. Either a person is qualified to operate an amateur radio station, or they aren't. The current examination system does little or nothing to prepare an amateur for the lifetime of self training they are supposed to pursue. At least with the scheme I propose, successful applicants will have the tools necessary to continue to self train if they wish. With the current system, there is only an emphasis on memorization and rote manual skills. That's poor preparation for a lifetime of amateur radio activity.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

64. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 15:55:25 UTC
From: gfiber@halcyon.com
Message-ID: <gfiber.16.2F0821ED@halcyon.com>
Source record: 254064

In article <cb.25378.2099@nitelog.com> greg.pool@nitelog.com (Greg Pool) writes:
>Subject: Amateur, not ham
>From: greg.pool@nitelog.com (Greg Pool)
>Date: Sun, 1 Jan 95 16:45:00 -0800

>DB>groups: rec.radio.amateur.misc
>DB>Organization: Wang Labs, Lowell MA, USA

>DB>capool@ix.netcom.com (C. Allen Pool) writes:

>DB>>Why not end all the confusion and use "Amateur Radio" instead of "ham?"

>DB>>Allen Pool KB6BR capool@ix.netcom.com
>DB>>Greg Pool WH6DT greg.pool@nitelog.com
>DB> ^^^
>DB>The same reason you say "com" instead of "commercial site"

>DB>Dave
>DB>--
>DB>Dave Bushong
>DB>Wang Labs

>Yah, but you know what I mean, right, Dave? .com is a standard for
>TCP/IP, and only a computer has to know what you're talking about. But
>a lot of folks hear the word ham, realize they have heard it before, but
>still don't know what all it encompases - because the name is not
>self-explanatory. I agree with most that we should be getting
>away from calling ourselves hams and instead call ourselves Amateur
>Radio operators. That's primarily because I want people to know why I am
>standing in a Red Cross shelter with a radio in my hand, but I think it
>is good for the other aspects of our hobby, too.

>Greg Pool WH6DT
>ARES Emergency Coordinator, Monterey CA

>---
> • OLX 2.1 TD • Aloha+73 de Greg WH6DT greg.pool@nitelog.com
Greg,

I once was on the Customer Service phone telling a customer who did not know
what " Ham " Radio was, that another in the company was at a " Hamfest ' and
would be out of town for the rest of the week. His Reply to was was " Whats
he doing at a Pork festival ? " I was ROFL after that. He was also serious
about his question too.

73' Gary P. Fiber

65. Re: IOTA Info Copyrighted?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 16:41:56 UTC
From: dearnshaw@worldbank.org
Message-ID: <1995Jan6.141431.14467@worldbank.org>
Source record: 254063

According to my directory "Copyright by Roger Balister, G3KMA, ... Those
> interested in seeking permission for any of the following ... are invited to
> contact Roger Balister"
>
> My directory is also numbered.
> 73, John KE2WB

Interesting. This now begs the question whether some or ALL of the information is copyrighted. I still find it hard to believe that the IOTA designators themselves are copyrighted (that would be like copyrighting ARRL prefixes, etc). The island's names are (obviously) public information. This being the case, I don't see any problem with anyone producing a list of IOTA designators and their islands and maining this information available - particularly if there is no commercial gain involved.

Sure, if one were to photocopy the book or quote it verbatim, then I could understand there being an problem. I also understand the situation concerning eligibility for the IOTA awards.

73, Darrell (NR3Y)

66. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 17:33:20 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3e9dd0$pkj@crcnis3.unl.edu>
Source record: 254065
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary,
You criticize the current incentive licensing system because the tests encourage memorization rather than learning. Fine. I also acknowledged that. You also criticize the idea of multiple classes because "once a person passes the Extra, he has no incentive to continue learning", and yet you propose a single exam which would give full priveleges to all amateurs. There is no consistant logic here.

You have some good points regarding test content, and few would argue that the testing scheme should be revised to encourage real learning of material vital to the proper operation of a station. But you have not convinced me that a single-class-non-incentive licensing structure would even come close to working.

You acknowledge that it is difficult to motivate the "average" amateur to advance his knowledge (that the current scheme...several testing levels, can not do it). Why should you believe that _one_ test would do any better?

Greg WB0RTK
(More brief than usual...celebrating the Orange Bowl victory!)

67. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 17:50:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.20331.7585.0NFB8A45@woodybbs.com>
Source record: 254066

```
The following files were processed Monday 01-02-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ARLD077.ZIP 3,051 12/29/94 - DX News
ARLP054.ZIP 2,481 ARRL Propagation Bulletin 12/30/94
OPDX188.ZIP 5,318 Oh/Pa DX Bulletin 01/02/94
RACES357.ZIP 2,927 RACES Bulletin #357 12/19/94 - OPS: Wildfire roles 2/2
RACES358.ZIP 3,061 RACES Bulletin #358 12/26/94 - OPS: Unit activities:
RSGB0101.ZIP 9,873 RSGB Bulletin 01/01/95
RTDX1230.ZIP 3,424 RTTY DX Bulletin 12/30/94
--------------------------------------------------------------------------------
30,135 bytes in 7 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
ARLK057.ZIP 3,415 ARRL Keplerian Bulletin 12/31/94
OBS357.ZIP 5,659 Amsat Orbital Elements #357 12/23/94
OBS364.ZIP 5,649 Ansat Orbital Elements #364 12/30/94
SPC1226.ZIP 4,254 Space News 12/26/94
--------------------------------------------------------------------------------
18,977 bytes in 4 file(s)

HAMSWL HAM: Shortwave broadcast schedules
--------------------------------------------------------------------------------
R_PAPUA.ZIP 2,252 Radio Papua SWBC Sked
TURKEY.ZIP 2,179 Voice of Turkey SWBC Sked effective to 03/25/94
VERITAS.ZIP 2,227 Radio Veritas Asia SWBC Sked valid from 10/94
--------------------------------------------------------------------------------
6,658 bytes in 3 file(s)

Total of 55,770 in 14 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest
```

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 1e170bdb Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

68. Colorado VHF Operation

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 17:52:05 UTC
From: yuri@macline.com
Message-ID: <1284034525.7887099@macline.macline.com>
Source record: 254070

Greetings!

In a week, I will have the fortune to travel to Colorado for a ski vacation. I will of course be taking my HT, and am looking for someone to advise me on the most active/greatest coverage 2M repeaters in the area west of Denver. I'll be skiing in the Copper Mtn, Breckenridge, and Arapahoe basin area, so I'm interested in whatever covers that neighborhood. I do have the ARRL repeater directory, but the listing is quite extensive, and only tells of the existence of a repeater, and not it's likelyhood of being monitored for a ragchew or emergency assistance- the kind of info I'm searching for.

Many thanks in advance for your advice, and hope to meet ya on the air.

73,
KB8RFU
Steve Yuroff,
Madison, WI.
(Yuri@macline.com)
****
Mac Line BBS: (608) 233-9487 - A FirstClass System in Madison, WI USA
****

69. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 18:18:49 UTC
From: bjd@boi.hp.com
Message-ID: <D1sIvE.HL2@boi.hp.com>
Source record: 254067

Gary P. Fiber (gfiber@halcyon.com) wrote:
: I once was on the Customer Service phone telling a customer who did not know
: what " Ham " Radio was, that another in the company was at a " Hamfest ' and
: would be out of town for the rest of the week. His Reply to was was " Whats
: he doing at a Pork festival ? " I was ROFL after that. He was also serious
: about his question too.

I once showed some Cub Scouts my station. I got a nice thankyou note
back for having shown them the "Pork Radio". Boise also has a "Ham Outlet"
but they don't have radios.

70. MORSE Code Study-Guide...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 19:00:17 UTC
From: mikefusco@aol.com
Message-ID: <3e9ig1$jek@newsbf02.news.aol.com>
Source record: 254068

All Hams:
I'm starting to learn morse code and would like to know if there are any preferences when it comes to learning methods? I like the idea of computer software and would like to know what you feel is the best or better of the types available.

Thanks
Mike

71. HELP! I'm going crazy!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 19:34:09 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <D1sMCy.I4I@draco.macsch.com>
Source record: 254071

Help me!

I recently read an article (last 2-3 months) concerning fingerprinting transmitters and how they are all unique and now I can't remember what magazine this appeared in. I really need to find this article!
-Thanks, Ben

72. QSL managers --Help them!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 20:15:03 UTC
From: Jrouse@ix.netcom.com
Message-ID: <3e9ms7$27f@ixnews2.ix.netcom.com>
Source record: 254072

I note a myriad of messages dealing with QSLS and how to get them without a lot of woe. As a QSL manager for several DX stations, let me offer a few pointers to the new DXers: Please always send a self-addressed-stamped-envelope (with 32 cents in postage in the USA). Don't send a mailing label and a stamp, otherwise the QSL manager has to supply the envelope and that's not fair. ALWAYS USE GMT on the QSL and make sure the date and time are correct. In many cases, a manager can get the right data from the computer. BUT not all managers use a computer and it's a real hassle to take time to go searching for the correct date and time......And PLEASE make sure you have the correct manager for the DX station. If you haven't received a QSL from a manger in quite some time, perhaps you neglected to send an SASE. In my case, I send those cards to the bureau. Make sure you have SASEs filed with your area QSL bureau. You may be in for a surprise!
Thanks, all, and Happy New Year!

John, KA3DBN

jrouse@ix.netcom.com
KA3DBN@KA3RFE.MD.USA.NOA

73. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 21:03:00 UTC
From: tech14c@rosie.uh.edu
Message-ID: <2JAN199515035402@rosie.uh.edu>
Source record: 253928
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1995Jan2.144045.2742@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
>In article <3e6te2$nep@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
>>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>>: In article <3e495a$l3i@crcnis3.unl.edu> gbrown@unlinfo.unl.edu
>>: (gregory brown) writes:
>>
>>: >As far as HF is concerned, are you proposing a class-less
>>: >licensing system with full privileges for all??
>>
>>: Yes, that's exactly what I have in mind. I even have a modest suggestion
>>: for a name for the class, we could call it "amateur". For those who
>>: simply must have wallpaper to confirm their self worth, the ARRL could
>>: offer a series of certificates of varying technical difficulty, and
>>: even Morse Code speed runs, if that seems of any interest.
>>
>>There are so many problems with that proposal that I hardly know where
>>to begin. Trying to be brief:
>>
>>The current incentive licensing structure may need some adjustment,
>>but its intended purpose is based upon sound reasoning. In exchange
>>for a demonstrated increase in ones technical knowledge and operating
>>skills, you get more priveleges. This is a fairly logical way to
>>promote "self-training" in the Amateur Service. Without it, I suspect
>>the average amateur, given full priveleges, would be inclined to close
>>the books, settle into his favorite niche, and that would be that.
>>The fact that the current testing scheme is probably inefficient at
>>assuring real improvement in skills and knowledge is another question
>>altogether.
>
>The current exam structure is *not* a "fairly logical way to promote
>self-training in the Amateur Service." That, and the fact that the
>exam structure has little or no rationality in coupling skill testing
>with associated priviledges, make it less than worthless. It's actually
>an impediment to encougaging amateurs to continue to learn and update
>their skills throughout their amateur career. And indeed, many (most?)
>amateurs settle into a niche once the tests are out of the way, and
>forgotten. Passing the tests should not be an end to learning, but
>rather a beginning. The way the tests are structured invites amateurs
>to stop learning once they have that Extra. The exam structure also
>places a disproportionate emphasis on manual Morse and slivers of
>HF as the end all and be all of amateur achievment.
>

>>How would a one-class Amateur Service work? Is there a test at all?
>>If so, would it be equivalent to the Novice or Tech? If so, do you
>>really want to give that level of demonstrated knowledge full
>>priveleges? If you make the test difficult enough to assure that the
>>person is fully capable of dealing with full privs, then how is the
>>newcomer, with no electronics background or experience, ever going to
>>get into ham radio?
>
>Ok, lets examine what an applicant should know in order to operate
>an amateur station. The most basic thing is to know the rules of the
>road. *All* amateurs need a working knowledge of Part 97. That's
>basic. There's no reason to allow Novices or Techs to operate with
>less knowledge of the regulations than what's needed for an Extra
>exam. If we are eliminating class distinctions, the class band and
>power limits will no longer exist, so everyone needs the same knowledge.
>I'd recomend that the exam have a regulatory element of 50 questions,
>open book, with every applicant required to bring a current copy of
>Part 97 to the exam. This has several benefits. First it demonstrates
>that the applicant knows how to access and interpret the rules for
>a variety of situations, and second it assures that each new amateur
>has a current copy of Part 97 available. Since rules change, and
>memory is often faulty, requiring the applicant to have the skill
>to look up and interpret regulations to fit situations gives the
>successful applicant a useful lifetime skill.
>
>As important as knowing the rules of the road, is knowing how to
>operate an amateur station safely. The second element of the
>proposed exam would be a 50 question element on electrical and RF
>safety. This would also be open book with a current copy of the
>National Electrical Code, and any and all relevant ANSI documents
>allowed. Stressed on this exam element would be basic station wiring,
>basic antenna wiring and structural issues, and basic RF biohazard
>issues. The successful applicant should gain a fundamental grasp
>of issues of safety, and where to find detailed information to
>answer questions about particular situations that may arise in
>his amateur career.
>
>An amateur must know how to avoid causing interference to other
>services, particularly critical life safety services. Thus the
>third element of the exam will deal with RFI, electromagnetic
>compatibility, and spectral purity issues. For most applicants,
>this will be the most difficult exam element. There will be
>100 questions, again open book, dealing with recognizing, measuring,
>and solving problems of electromagnetic incompatibility in conjunction
>with amateur equipment and operatons. There will be an approved
>list of reference texts that can be used for the exam. The successful
>applicant will gain a working knowledge of testing, measuring, filtering,
>shielding, and circuit design to prevent unwanted emissions.
>
>There will be no time limit for these elements, the applicant can

>employ any electronic calculating tools she may desire to use,
>and a passing score of 70% will be required on each element.
>The exam questions should be formulated so that anyone of average
>reading and comprehension skills, given access to the appropriate
>references, should be able to pass the element. No particular
>memorization skills or motor skills or prerequisite electronic
>training should be required.
>
>Now *that's* what I'd consider an appropriate exam for an amateur
>license. It demonstrates that the successful applicant has the
>necessary skills to carry out a lifetime of self training in
>the radio arts.
>
>>A lot of people have said if we change "this" or "that" about ham
>>radio, it will become just like citizens band...maybe yes, maybe no.
>>But if you remove the incentive system from amateur radio, you're
>>going to create a huge population of very content "mike-potatoes". I
>>don't know if that's citizens band, but it sure isn't (or shouldn't
>>be) ham radio.
>
>Frankly, I don't see any real difference between current amateurs
>suffering under the flawed "Incentive" Licensing scheme and amateurs
>of pre-68 who didn't have such artificial distinctions drawn. Either
>a person is qualified to operate an amateur radio station, or they
>aren't. The current examination system does little or nothing to
>prepare an amateur for the lifetime of self training they are supposed
>to pursue. At least with the scheme I propose, successful applicants
>will have the tools necessary to continue to self train if they wish.
>With the current system, there is only an emphasis on memorization
>and rote manual skills. That's poor preparation for a lifetime of
>amateur radio activity.
>

I got into the thread a little late, but what is sounds like you're doing is proving the wrong medicine for what you're trying to cure. It appears that what you really need to target is improving the current licensing procedures that are currently in place.

In all honesty, if you are serious about your proposal, it will never fly with the FCC. If you want more supporters, then try moving your angle of attack just a bit.

WB0RTK's arguements are right in step of what needs to take place. I feel that a total-revamp of the exam proceedures is probably not the best thing to do.

Just my $.02.

Brad Killebrew N5LJV
President, Univ of Houston ARC
n5ljv@uh.edu

74. N8FOW on line conference

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 21:26:32 UTC
From: Rick Lehman <rlehman@gate.net>
Message-ID: <3e9r28$t99@tequesta.gate.net>
Source record: 254073

I am having trouble using the N8FOW on line conference. For those not familiar with this, it is very much like IRC(Chat mode). I access this on line conference by way of the WWW at URL-

http://www.calpoly.edu/~dmalone/w6bhz/

Once at this home page, I use the hypertext link labled <other stuff useful to amateur radio>. There I find the hypertext link labled <N8FOW conference....> Following this link results in a telnet connection to <wsu.n8fow.ampr.org:3600/>.

My problem is that upon entering the conference all apparent tabbing is lost and I end up with a display which is very difficult to read because of run-on text. The telnet program I am using has an executable called telw.exe and I believe results in VT100 terminal emulation. I have tried changing the emulation mode by way of the /charset command available in the conference and nothing helps although VT100 does not appear to be available. I have tried changing the display width but again no luck. I have tried other telnet programs and again no luck. I have tried accessing the connection by way of my unix shell account and cannot make connection.

Does anyone have experience with this conference or have any ideas?

Thanks for any reply.

Rick

75. Re: FCC denies my petition for reconsideration

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 21:31:59 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <1NLByc2w165w@voxbox.norden1.com>
Source record: 254076
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

```
-----BEGIN PGP SIGNED MESSAGE-----

muphaus@cris.com (Marv Uphaus) writes:

> I am on my soapbox now as a result of Phil Karn's comment...
>
> of the year 1995, lets make a fresh start with Amateur Radio... Lets get
> the ball rolling for some significant changes here... Let's put some snap
> back into Amateur Radio... Let's let people use Amateur Radio as a
> technical building block and personal radio service it was designed to
> be... Amateur Radio is a national treasure that is dying... Let's do
> something for Ham Radio...

I agree fully. Let's use the theme -- "Amateur Radio - the National park of
the Mind."

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLwhxQd74r4kaz3mVAQHcrQP/azZTNcZVAdx/PpyJfVQ/cYqwobdHF1Ho
U2z/mtXtYZrpAfgB0kwi9+Zde/B4w47UjRBc9Omuk328qV6ImHdoxGh08U1w7oeG
aYqX55q18/NQpAugjfrm2vkiVuLD567FaqeW19HjOsIddqqrkk71eeicwTCm+Ygh
rMjgBmYMmhg=
=GFGY
-----END PGP SIGNATURE-----
```

76. HF DX Grid Hunting

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 22:07:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.3282.545@acenet.com>
Source record: 254077

Newsgroups: rec.radio.amateur.misc

RC>I have been wondering for some time why the HF DX crowd hasn't started
RC>chasing Grids. Serious DXers "ran out of countries" years ago (except
RC>for the few created from the USSR, and artificially manufactured ones).
RC>They'll run out of IOTA eventually; then what? GRIDS.

So Bob, how do we get started? I think it would be a lot of fun.
You could collect grid squares for specialized modes like QRP CW,
10 meters, 30 meters etc.

First step for me would be to try to figure out what MY square #
is!!

 SLMR 2.1a Who'd a' thunk it!

77. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 22:28:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.20332.7585.0NFB8A46@woodybbs.com>
Source record: 254074

```
The following files were processed Monday 01-02-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMCOMM HAM: CW / APLINK / RTTY terminal progams
---------------------------------------------------------------------------
MSCAN13N.ZIP 115,324 Microscan v1.3 SSTV & Fax by PA3GPY
---------------------------------------------------------------------------
115,324 bytes in 1 file(s)

HAMDEMO HAM: Amateur Radio Software Demo Programs
---------------------------------------------------------------------------
PLUSV3D1.ZIP 461,209 KD7P LogPlus V3.03 Demo 1/2
PLUSV3D2.ZIP 414,762 KD7P LogPlus V3.03 Demo 2/2
---------------------------------------------------------------------------
875,971 bytes in 2 file(s)

HAMEQUIP HAM: Radio and equipment modification distribution
---------------------------------------------------------------------------
SMWIN.ZIP 317,722 Smart R8 Control program v2.0 beta for windows
---------------------------------------------------------------------------
317,722 bytes in 1 file(s)

HAMLOG HAM: Amateur radio logging programs
---------------------------------------------------------------------------
SWLIT112.ZIP 534,434 Ultimate SWLogging Program V1.12
---------------------------------------------------------------------------
534,434 bytes in 1 file(s)

HAMNEWS HAM: Ham Bulletins and Newsletters
---------------------------------------------------------------------------
ARN-0195.ZIP 64,533 AR-Net information packet 01/95
---------------------------------------------------------------------------
64,533 bytes in 1 file(s)

HAMUTIL HAM: Radio operating aids
---------------------------------------------------------------------------
BUCK1094.ZIP 708,851 Update for 10/94 BuckMaster HamCall CD Rom
GEOCLK60.ZIP 336,563 GeoClock V6.0
GEOXTR60.ZIP 194,674 GeoClock V6.0 extra maps, zipcode database
GRIDSQ.ZIP 40,740 Convert Lat/Long to Grid coord. and visa versa
---------------------------------------------------------------------------
1,280,828 bytes in 4 file(s)

Total of 3,188,812 in 10 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
```

Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 17d81100 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

78. Second Biannual Elmers Directory Mass-Ack

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 22:33:39 UTC
From: pschleck@gonix.com
Message-ID: <pschleck.789086019@gonix>
Source record: 253930
Cross-posted to: rec.radio.amateur.misc,misc.test

Today, I mailed the following to all Elmers listed in my Amateur Radio
Elmers Resource Directory at their last known E-mail addresses:

>Greetings fellow Usenet Elmer,
>
>Hard to believe, but the Amateur Radio Elmers Resource Directory will
>be four years old this March. While the list's size and diversity
>that has developed during this period is commendable, it also brings
>with it the increased chance of inaccurate and out-of-date
>information. Therefore, I'm undertaking the second biannual
>reconfirmation/purge of the Elmers list. I will also be undertaking a
>recruiting drive for new Elmers (more on that in a future
>announcement). Long-time Elmers will recall when I went through these
>gyrations in late 1992. Hopefully things will be as smooth as last
>time and I will only lose a handful of Elmers, and those that stay
>will have only a small number of updates (because they've provided
>updates to me all along, right? :-).
>
>I've enclosed the latest copy of the Directory in an accompanying
>message (Just in case your system doesn't like large E-mail, at least
>you will see this message. If you don't get the full list, E-mail to
>elmers-request@gonix.com will send you information as to how to obtain
>a copy). Please take the time to review your entry, confirm that it
>is correct, and make updates if necessary. Please also check the
>index to make sure I've listed you under the right topics. I've
>enclosed the full list so that you can be aware of other entries,
>particularly on the same or related topics, and adjust your entry
>accordingly.
>
>Apologies if you have recently joined or sent updates, but I really
>feel the need to solicit an across-the-board "QSL" to insure that
>everything is correct and up to date. I promise I won't bother you
>again for another 2 years (which, if all goes well, should be in early
>1997 :-).
>
>I will also be posting a notice to the rec.radio.amateur.misc
>newsgroup on January 1st (and a second notice on February 1st) to
>compensate for bounced E-mail (and vacations, time away from the net,
>end-of-semester/ tax-year/bowl-game distractions, etc., etc.).
>
>If I don't hear from you by March 1st, I will assume that your entry is
>obsolete and will delete it. I will, of course, be more than happy to
>reinstate it at any time upon receipt of updated information.

>
>I'd like to collectively thank all the Elmers for their volunteerism and
>enthusiasm in support of this project. The net appreciates your
>efforts.
>
>73, Paul W. Schleck, KD3FU
>
>elmers-request@gonix.com
>
>Maintainer, Amateur Radio Elmers Resource Directory

I'm posting this message in case my E-mail didn't reach everyone for
some reason or another (certainly not due to outdated E-mail
addresses, as everyone kept me updated, right? :-).

Remember, if I don't hear a positive confirmation from you by March
1st, I will assume your entry is inactive and I will delete it.
Apologies to the rest of the net for this closed-circuit. As I noted
above, I promise I won't bother the net again for another 2 years :-).

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

79. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 22:47:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.20333.7585.0NFB8A47@woodybbs.com>
Source record: 254075

```
The following files were processed Monday 01-02-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMCOMM HAM: CW / APLINK / RTTY terminal progams
--------------------------------------------------------------------------------
WXFAX2_2.ZIP 129,012 Wx Facsimile Database v2.2
--------------------------------------------------------------------------------
129,012 bytes in 1 file(s)

Total of 129,012 in 1 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
# Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 121d3574 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)
```

80. IPS Daily Report - 02 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 23:28:34 UTC
From: rwc@corona.syd.ips.oz.au
Message-ID: <1995Jan2.232834.23704@ips.oz.au>
Source record: 253936
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 02/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 02 JANUARY AND FORECAST FOR 03 JANUARY - 05 JANUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none

Observed 10.7 cm flux/Equivalent Sunspot Number : 77/16

GOES satellite data for 01 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.2E+04
Daily Electron Fluence >2 MeV: 1.0E+07 (normal)
X-ray background: A1.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
03 Jan 04 Jan 05 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Jan: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 01 Jan
Learmonth 16 2333 2443
Fredericksburg 14 03
Planetary 13 04

Observed Kp for 01 Jan: 1112 1221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
03 Jan 15 Mostly quiet to unsettled, with possible active
periods.
04 Jan 10 Quiet to unsettled
05 Jan 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
02 Jan normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
03 Jan normal fair fair-poor
04 Jan normal fair fair-poor
05 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
02 Jan NA No data available.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
03 Jan -15 10 to 15% below predicted monthly values
04 Jan 0 Near predicted monthly values
05 Jan 15 Near predicted monthly values
COMMENT: IPS HF Communications Warning 16 was issued on 30 December
and is current for interval 3-4 January.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

81. MIR QSL info wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-02 23:51:09 UTC
From: wilsonsatx@aol.com
Message-ID: <3ea3hd$lpm@newsbf02.news.aol.com>
Source record: 253931

Can someone give me QSL info on MIR, a couple of weeks ago, I worked U0MIR aboard MIR operating R0MIR on 145.55 voice.
tnx es 73 de WB5NBQ, Ron

82. Amiga Amateur Radio Users Group

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 00:15:54 UTC
From: bstaffor@dialin.INd.NET
Message-ID: <Pine.3.89.9501021941.A16573-0100000@dialin.ind.net>
Source record: 253942

Paul Whatton posted a message a couple days ago mentioning the Amiga Amateur Radio Users Group located in the UK. If anyone has any information I would appreciate getting e-mail about it. I tried to email Paul but the server said that it was wrong.
Tnx & 73 Bob Stafford, N9USD

==========
| Bob Stafford Email Alias: Bob.Stafford@dialin.ind.net
|
|
| 826 N Queen Road
|
| Walkerton, IN 46574
| Phone: FAX:
==========

83. Do NTSC TVs work on 50 Hz power?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 00:48:05 UTC
From: price@cod.NOsc.MIL
Message-ID: <9501030048.AA24439@cod.nosc.mil>
Source record: 253941

First, Happy New Year to y'all!

Apologies for this posting not being specifically ham radio
related, but perhaps some of you can help.

My wife and I will be moving to London, England in a few months,
it looks like, for a temporary work assignment. I'm starting to
compile a lengthy "to do" list, and also a "questions" list.

Note: I *know* that NTSC TVs won't receive PAL signals, so please
don't answer that question.

My question to you all is: If I take a standard NTSC TV and VCR
to England, and use a wall transformer so that the power to the TV
and VCR is 120 v, 50 Hz, will either the TV or VCR work properly?
E.g. could I play NTSC video tapes, or even watch the output of my
NTSC camcorder?

The reason I suspect there would be a problem is that I've always
assumed that TVs (at least older ones) use the line voltage
frequency to derive the field/frame rate (60 Hz in the case of
NTSC). Similarly I've assumed that VCR motors expect a 60 Hz
power source to operate properly.

Related question: are there newer TVs and/or VCRs that are
completely digital so that these questions are not an issue? Are
there TVs that will switch between NTSC and PAL?

Inquiring minds want to know, by direct replies, please. Tnx,
73--Jim, K6ZH, price@nosc.mil
---

84. Re: CW without 5WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 00:55:04 UTC
From: DDDP59B@prodigy.com
Message-ID: <3ea798$s1a@usenetw1.news.prodigy.com>
Source record: 253939

jfking@usaferam.af.mil (SSgt John F. King;26OSF/DOCS;489-7697;DEROS = AU)
wrote:
>
>In article <9412262250.AA13195@usaferam.af.mil>,
>SSgt John F. King;26OSF/DOCS;489-7697;DEROS = AU <jfking@usaferam.af.mil>
wrote:
>>privlages. Is is within FCC rules to use CW on my freq band privlages
(50Mhz+)
>>without actally having the certification of 5WPM from the FCC? I
would like to
>
>Yes.
>
>>John King
>
>//jbaltz
>--
>jerry b. altzman Entropy just isn't what it used to be +1 212 650
5617
>jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET)
NEVIS::jbaltz

You can operate any mode over 50 mhz but puting a key in a mic jack
doesn't count as CW because you are using FM as your signal instead of a
CW signal. What you would be performing is MCW.

73, Victor (Tech +)

-
VICTOR MORANGE, DDDP59B@prodigy.com, ke6mwa@delphi.com, KE6MWA

85. what happened to propagation reports?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 00:58:57 UTC
From: jimla@zydeco.pen.tek.com
Message-ID: <3ea7gh$p4v@tekadm1.cse.tek.com>
Source record: 253938

Hi,

What happened to the "daily" and "weekly" propagation reports that used
to be posted in this newsgroup?

Jim
N7IHQ

86. equipment for visually impaired operators

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 01:06:46 UTC
From: ericp@u.washington.edu
Message-ID: <3ea7v6$bsi@nntp1.u.washington.edu>
Source record: 253929

[No readable article body recovered]

87. RS-15 experiences yet?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 01:21:48 UTC
From: price@cod.NOsc.MIL
Message-ID: <9501030121.AA24711@cod.nosc.mil>
Source record: 253944

I see on the local DX PacketCluster that RS-15 has been launched, the up and down links and the Keps have been posted, etc. Anyone made a contact yet? With the higher altitude orbit, longer distance QSOs should be possible than with RS-10 or RS-12. But it may take a bit more power to hit it--or maybe it has a much better Rcvr?

In order to "calibrate" my sat. tracking program on this bird, could someone give me a few correct orbit times, especially those covering Western U.S.? Tnx, 73--Jim, K6ZH, price@nosc.mil

---

88. Re: Alinco DJ-580 keypad? ...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 01:24:17 UTC
From: jgates@pnw.net
Message-ID: <3ea901$qua@cascade.pnw.net>
Source record: 253940

Alinco is advertising a new HT (forgot the model number) that looks like the 580 family - looks like the rubber membrane keypad is the same. And they claim the keypad problem is non-extant on the new radio. Get in touch w them and see if you can buy one and put it in the 580.

Radio is called th DJ 582; "improvements include 2x scan rate, separate low power PTT switch, and a highly durable keypad"

What else could you ask for !

john gates
n7bti
jgates@pnw.net

--
John Gates Compuserve:72106,367, Tel:206 774 3777
750 Northstream Ln, Edmonds WA 98020 Amateur Radio: N7BTI
jgates@pnw.net http://--later------/~jgates/

89. Operation from Cyprus

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 01:59:35 UTC
From: David_Shipman@mindlink.bc.CA
Message-ID: <m0rOyTP-0003u6C@rsoft.rsoft.bc.ca>
Source record: 253947

I will be going to Europe at the beginning of May and will probably take a
week somewhere warm! Current plans indicate Cyprus, or the Canary Islands.
Can anyone give me information re operation from these two locations - lead
times for documentation, local contacts and any other input you feel is valid.
While I am an experienced traveller this will be my first 'DX Expedition' so
I will appreciate all feedback!

Happy New Year to All!!!

73 Dave VE7CFD David_Shipman@mindlink.bc.ca

90. Re: DX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 02:20:45 UTC
From: bshirley@computek.net
Message-ID: <bshirley.2.00040721@computek.net>
Source record: 253932

> My problem is that I am building up DX contacts and I am not
> sure of what to do to get a QSL card from them.
>
> So, is there a good book, or something else, for this information??
>
> 73 de Tim WB9NLZ

Tim ....

Without any equivocation .... I can reccomend that you run ... not walk .... to your nearest HAM store or mail order house (eg Ham Radio Bookstore tel: 603-878-1441) and buy a copy of "The Complete DX'er" by Bob Locher, W9KNI.

This is (IMHO) the best and most entertaining book on the joys and how-to's of DXing that has ever been published.

The book is series of narratives or vignettes by Bob illustrating various aspects of DXing that are not only informative but just plain fun to read.

He covers how to search for DX (the art of LISTENING is paramount), how to QSL with the best chance of success, what equipment to buy and how to use it, etc etc.

But the most important part of this book is that Bob is an excellent writer ... and an excellent DXer (top of the cw honor roll). His tales of contacts with a south pacific island school teacher using solar panels to a qrp rig, how he researched and taught himself enuff french to be able snare a first contact with a reluctant Reunion Island ham, and his blow by blow descriptions of how to survive and be successful in pile-ups are absoloutley facinating. They will inspire you to fire up the rig an enjoy this wonderful aspect of amateur radio.

(no .... I have no affiliation with w9kni, Bencher, or Ham Radio Bookstore)

73 es gud dx de kf5dx

91. Re: CW without 5WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 02:24:58 UTC
From: jbaltz@watsun.cc.columbia.edu
Message-ID: <3eachq$ffv@apakabar.cc.columbia.edu>
Source record: 253934

In article <3ea798$s1a@usenetw1.news.prodigy.com>,
Victor Morange <DDDP59B@prodigy.com> wrote:
> You can operate any mode over 50 mhz but puting a key in a mic jack
>doesn't count as CW because you are using FM as your signal instead of a
>CW signal. What you would be performing is MCW.

If he's got an all-mode VHF rig, then it very well could be CW (A1A or
A1B).

If you're going to be such a stickler, then you'd better watch out for your
units. 50 mhz is VLF. 50 MHz is VHF.

>73, Victor (Tech +)

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

92. Re: Who is EA9IE?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 02:29:32 UTC
From: bshirley@computek.net
Message-ID: <bshirley.3.000C0E19@computek.net>
Source record: 253933

> .. before I start to call in a pile-up I know the callsign,
> the qsl route and the name of the operator and .... hi, hi.
>
> Sorry, I could not resist. :)
>
> 73 de DK3VN
> Waldemar

Waldemar ....

One of the primieval, absoute truths promulgated by the long toothed, wise old DXers that desend from the mountaintops to guide and teach the neophyte locals is the following:

W F W L

(Work'em First, Worry Later)

73 es gud dx de (neophyte local) kf5dx bob

93. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 03:19:04 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3eafn8$qbo@crcnis3.unl.edu>
Source record: 253935
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

(I) gregory brown (gbrown@unlinfo.unl.edu) wrote:
: Gary,
: You criticize the current incentive licensing system because the tests
: encourage memorization rather than learning. Fine. I also
: acknowledged that. You also criticize the idea of multiple classes
: because "once a person passes the Extra, he has no incentive to
: continue learning", and yet you propose a single exam which would give
: full priveleges to all amateurs. There is no consistant logic here.

: You have some good points regarding test content, and (few)* would argue
* (sorry, this should obviously read "most")
: that the testing scheme should be revised to encourage real learning
: of material vital to the proper operation of a station. But you have
: not convinced me that a single-class-non-incentive licensing structure
: would even come close to working.

: You acknowledge that it is difficult to motivate the "average" amateur
: to advance his knowledge (that the current scheme...several testing
: levels, can not do it). Why should you believe that _one_ test would
: do any better?

: Greg WB0RTK
: (More brief than usual...celebrating the Orange Bowl victory!)

94. Re: CW without 5WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 03:30:05 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3eagbt$qca@crcnis3.unl.edu>
Source record: 253937

Jerry B Altzman (jbaltz@watsun.cc.columbia.edu) wrote:
: In article <3ea798$s1a@usenetw1.news.prodigy.com>,
: Victor Morange <DDDP59B@prodigy.com> wrote:
: > You can operate any mode over 50 mhz but puting a key in a mic jack
: >doesn't count as CW because you are using FM as your signal instead of a
: >CW signal. What you would be performing is MCW.

: If he's got an all-mode VHF rig, then it very well could be CW (A1A or
: A1B).

: If you're going to be such a stickler, then you'd better watch out for your
: units. 50 mhz is VLF. 50 MHz is VHF.

: >73, Victor (Tech +)

: //jbaltz

The original poster's question asked if he could operate CW without
passing a test...the answer was "yes". However, without stipulating
the frequency he had in mind, he also used the example of feeding the
audio output of a code practice oscillator into a mike for
on-the-air-practice. That's what people have been trying to clarify
with their answers. If he intends to use that method on any
frequency restricted to A1A mode, he would be in violation.
That's not being a stickler, that's trying to be accurate and helpful.

Greg WB0RTK

95. Re: CB Radio Interference

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 05:01:14 UTC
From: dcoller@norden1.com
Message-ID: <1995Jan3.050114.16293@norden1.com>
Source record: 253945

In , wrote:
>On Fri, 09 Dec 94 08:56:19 PST in Newsgroup: rec.audio.tech you
> wrote:
>>Many thanks to the folks who responded both here and by email. I got a
>>lot of good advice, which included contacting a friendly local ham
>>operater or radio group. Has anyone got a clue as to how I would find
>>such a person/group in Farmington Hills, Michigan?

>>Again, thanks.
>>John

>An interesting thing is that the FCC in Detroit did a raid on a CB'er
>who was running 10 thousand watts. The complaint came from a hospital
>down the street.

>The raid consisted of US Martials and swat teams because the CB'er said
>that he would put up a fight. They went in with guns drawn.

>The case had to be then built against the CB'er by many means including
>the borrowing of a water cooled dumby load from a commercial broadcast
>station to measure the confiscated equipment.

>The equipment was imported from nations that use that power legally on 1
>meters on the business band side.

>Dave
--
dcoller@norden1.com

96. Re: what happened to propagation reports?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 05:08:31 UTC
From: david@stat.com
Message-ID: <ws7Byc17w165w@stat.com>
Source record: 253943

jimla@zydeco.pen.tek.com (James G Larsen) writes:

> What happened to the "daily" and "weekly" propagation reports that used
> to be posted in this newsgroup?

They were being crossposted originally from rec.radio.info; but since I
received a number of complaints, I kept them to the rec.radio.info
newsgroup.

However, this point is moot, since the service has gone to a paying
subscription only service as of 1/1/95 and there will no longer be any
posts from them.

David WB7TPY
moderator, rec.radio.info

Editor, HICNet Medical Newsletter
Internet: david@stat.com FAX: +1 (602) 451-1165
Bitnet : ATW1H@ASUACAD

97. FOR SALE>> ICOM 24at - DUALBAND HANDHELD

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 05:34:53 UTC
From: steinr@ucs.orst.edu
Message-ID: <3eanlt$jq1@gaia.ucs.orst.edu>
Source record: 253948
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap,rec.radio.shortwave

Hello All,

I have for sale an Icom 24at dualband handheld. I am selling this radio to upgrade to a more expensive handheld.

Included with the radio, I will include the charger and the original papers and box (if I can still find them). I will also include the original stock rubber duck antenna, however, you will want to go and purchase another one right away. The stock antennas aren't very good. Also, I will include two battery packs. The first is the stock battery which is 7.2V @ 700mAH. The second is 7.2V @ 1000mAH.

Again, if I can find them, I will also include the factory diodes necessary to modify the radio's extended transmit and receive capabilities along with the directions.

I am asking $270 for the package, and I will ship via UPS ground. If interested, please e-mail.

--
=+= |C =+=+=+=+=+=+=
RAY STEIN __B_|/ --/\/\--
OSU Electrical Engineering |\ ___mmm___
=+= |E =+=+=+=+=+=+=

98. RTTY using SoundBlaster ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 05:58:55 UTC
From: buaas@wireless.NET
Message-ID: <199501030558.VAA17236@wireless.net>
Source record: 253946

Anyone know of using the Sound Blaster or Sound Blaster Pro DSP card
as a RTTY send/receive interface? If so, direct email appreciated.

Thanks in advance. Happy New Year everyone.

best regards/bob K6KGS buaas@wireless.net

99. Problem with ICOM 2m/70cm Mobile Unit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 06:01:19 UTC
From: dave@boi.hp.com
Message-ID: <D1tFE8.Kp6@boi.hp.com>
Source record: 253949

I've just purchased an ICOM IC-2700H DualBand
Transceiver, and am having some peculiar problems
with it. On 2m, an obnoxious hum is present,
and 70cm operation exhibits high levels of noise.
The clues are as follows:
- The problems exist while in one car (Nissan
Maxima), but not the other (Toyota 4Runner).
- Problems exist regardless of using either of
two cable/antenna systems.
- An Alinco DJ580 handheld does not exhibit
the problems running from the same power system
(the car battery) and driving the same antenna
systems.
- Problems exist whether the Maxima engine is on
or off.
- Problems exist when I remove the Maxima power
source as a variable by supplying 12V from a
car battery sitting in the passenger seat.
My power hookup is through a cigarette lighter connector,
connecting to the lighter recepacle.

Has anyone had similar problems with ICOM dual banders,
or have any suggestions as to what the problem cause
could be?

Thanks,

Dave

****
Dave Fujii dave@hpdmd48.boi.hp.com
Boise Printer Div. R&D Lab KB7SQJ
Hewlett Packard Co. (208) 396-4888

"To do is to be, to be is to do . . . . do be do be do be do."
****

100. Re: Problem with ICOM 2m/70cm Mobile Unit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 08:26:54 UTC
From: vuckovic@flowbee.interaccess.com
Message-ID: <3eb1oe$c5j@nntp.interaccess.com>
Source record: 253950

Dave Fujii (dave@boi.hp.com) wrote:
: I've just purchased an ICOM IC-2700H DualBand
: Transceiver, and am having some peculiar problems
: with it. On 2m, an obnoxious hum is present,
: and 70cm operation exhibits high levels of noise.
{snip}
: My power hookup is through a cigarette lighter connector,
: connecting to the lighter recepacle.

: Has anyone had similar problems with ICOM dual banders,
: or have any suggestions as to what the problem cause
: could be?

Hookups for mobile radios (be they CBs, amateur, commercial, police,
whatever) should NEVER be run from the cigarette lighter. I suggest you
run a nice 12AWG cable from the battery, to a quality 30A circuit
breaker, to the cabin through a grommeted firewall hole. Hook this up to
your radio, directly. Avoid anything but butt-connectors. For a ground,
you definitely want a 12AWG running from the ground to a ring connector.

```
|------| <----- #10 Tek screw or larger, silver finished
| |
--- ---
| |
-----------######### <-- Ring terminal for ground
| |
*--******--** <--- Star washer
| |
\ / I would drive this into a NON-CARPETTED area, into the
\| car's steel. This would be a good ground.
```

Most radio noise is either power, ground, or antenna based. I suggest
you try the power and ground routes, based on your experimentations.

Cheers!
--

Owner, Weniger Lighting Systems | George Vuckovic |
| vuckovic@interaccess.com |
|__My_Opinions_Are_My_Own__|
Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation

101. Re: MORSE Code Study-Guide...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 08:40:32 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3eb2i0$17th@info4.rus.uni-stuttgart.de>
Source record: 253951

>I like the idea of
>computer software and would like to know what you feel is the best or
>better of the types available.

Mike,

Get the Program supermorse, from a simtel mirror, I think. It is called
sm???.zip with ??? the version number. The manual tells you a lot on cw
and its learning. As to learning method, just *never* try to visualize
the code, and think fo dit's and dah's, not of dashes and dots.

cu on hf, Moritz DL5UH

102. Re: MORSE Code Study-Guide...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 12:00:59 UTC
From: treit@seanet.com
Message-ID: <treit.144.000C048C@seanet.com>
Source record: 253975

>All Hams:
>I'm starting to learn morse code and would like to know if there are any
>preferences when it comes to learning methods? I like the idea of
>computer software and would like to know what you feel is the best or
>better of the types available.

Mike:

I learned CW using the computer program SuperMorse, which is available as shareware from most ham-related FTP sites. The best way to learn is to set up a definite schedule for study and stick to it. Set aside 30 minutes a day and work with the program. Try to learn a few new characters a day, and keep reviewing the old ones. Don't go longer than 30 minutes at one time or you'll start to feel fatigue...take lots of breaks. Enjoy the experience (it IS fun) and you'll progress rapidly. Once you start getting a good grasp on the characters, start sounding out things that you read in code. For example, when you're out driving and you come to a stop sign: spell it out in code. Start doing this with everything you come in contact with: signs, books, magazines, etc. It's great practice and it keeps you from limiting your study to your pre-set sessions. If you do this for 3-4 weeks you should be fairly comfortable at 5 WPM, though you might learn slower or faster depending on your own particular abilities and study habits. Also, be sure to use Farnsforth code...that is, keep your character speed at 18 WPM and use longer spacing to slow it down.

In addition, I would recommend buying a straight key and code-practice oscillator (or borrow one) and practice sending. Find someone else who is learning (or knows) morse code and send back and forth to each other. Tape yourself sending and play it back a few days later; that will give you good copying practice as well as point out any flaws in your sending. Most importantly, relax and enjoy the experience...I had a great time learning CW and I'm sure you will also.

All of the above is taken directly from my own experience: it is how I learned CW 2 years ago. Everyone is different, of course, so if the above method doesn't seem to work for you, be sure and experiment to find out what DOES work.

Good luck and 73's!

-Mike KB7QOP

103. Mods for Midland 73-005

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 12:24:11 UTC
From: 014721h@axe.acadiau.ca
Message-ID: <014721h.3.2F0941EB@axe.acadiau.ca>
Source record: 253953

Hi, I'm a student at Acadia University, and I was wondering if anyone had any mods for a Midland 73-005 2m handheld. Any help would be appreciated.

Michael Harvey, VE1MBH
Math/Computer/Physics major (undecided at moment)
014721h@axe.acadiau.ca
014721h@dragon.acadiau.ca

104. Vienna Virginia Winterfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 12:37:20 UTC
From: M21714@mwvm.mitre.org
Message-ID: <1731B6B30S85.M21714@mwvm.mitre.org>
Source record: 253952

When is the 1995 Vienna Wireless Society Winterfest?

105. Re: ARRL EMI Seminar

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 13:20:00 UTC
From: ehare@arrl.org
Message-ID: <1995Jan3.132000.24944@arrl.org>
Source record: 253956
Cross-posted to: rec.radio.amateur.misc,sci.electronics

William E. Newkirk (wnewkirk@bb.iu.net) wrote:

: Is this program going to be repeated (say at Orlando, on Sunday?? a heckuva
: lot closer and a much better chance i would make it...)
: ???

Sorry, Bill. I am going to remain at the Convention through Saturday and Sunday to help staff the League booth. We normally do double duty by also representing ARRL HQ at the Convention. It is too late for this one, but I will give some serious thought to the possibility of doing more than one of these per weekend if there are "nearby" ARRL-sanctioned hamfests.

73 from ARRL HQ, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

106. Re: Alinco DJ-580 keypad? ...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 13:45:27 UTC
From: leber@panther.warm.inmet.com
Message-ID: <D1u0vs.239@inmet.camb.inmet.com>
Source record: 253954

Maybe I'm crazy, but I thought I had once heard that the Alinco people were handing out replacement keypads at their booth at Dayton last year or the year before to people who specifically complained about this problem. Or it might have been another HT manufacturer with a similar problem, I dunno.

I would definitely call Alinco and complain to see if you can get a new keypad out of them.

Cheers,
Tom
--
Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom

107. Re: CW without 5WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 13:54:36 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Jan3.085436.1@miavx3>
Source record: 253955

In article <3ea798$s1a@usenetw1.news.prodigy.com>, DDDP59B@prodigy.com (Victor Morange) writes:
> jfking@usaferam.af.mil (SSgt John F. King;26OSF/DOCS;489-7697;DEROS = AU) > wrote:
>>
>>In article <9412262250.AA13195@usaferam.af.mil>,
>>SSgt John F. King;26OSF/DOCS;489-7697;DEROS = AU <jfking@usaferam.af.mil> > wrote:
>>>privlages. Is is within FCC rules to use CW on my freq band privlages > (50Mhz+)
>>>without actally having the certification of 5WPM from the FCC? I > would like to
>>
>>Yes.
>>
>>>John King
>>
>>//jbaltz
>>--
>>jerry b. altzman Entropy just isn't what it used to be +1 212 650 > 5617
>>jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) > NEVIS::jbaltz
>
> You can operate any mode over 50 mhz but puting a key in a mic jack > doesn't count as CW because you are using FM as your signal instead of a > CW signal. What you would be performing is MCW.
>
> 73, Victor (Tech +)
>
>
>
> -
> VICTOR MORANGE, DDDP59B@prodigy.com, ke6mwa@delphi.com, KE6MWA
>
>

Not sure, Victor, that this is entirely correct. Simply keying the PTT DOES count as CW since it will create an on-and-off, amplitude, keying of the RF carrier. FM will not be evident until a modulating signal is applied to the mic <audio> input.

Even with a (continuous) modulating signal applied to the mic input, and keying the PTT, the output still is not "modulated CW". I think, and may be incorrect, to qualify as "modulated CW", the carrier must be continuous

and the audio signal keyed.

Either way, it is permissible for a Technician operator (w/o code) to operate CW (using MCW or keyed carrier) on any frequency (above 50MHz) that is authorized to him/her. Only thing to observe is that the intended emission is authorized on that particular frequency.

Best of the New Year!!

73 >< Carl
K8NHE

108. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 14:58:29 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan3.145829.7372@ke4zv.atl.ga.us>
Source record: 253959
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3e9dd0$pkj@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
>Gary,
>You criticize the current incentive licensing system because the tests
>encourage memorization rather than learning. Fine. I also
>acknowledged that. You also criticize the idea of multiple classes
>because "once a person passes the Extra, he has no incentive to
>continue learning", and yet you propose a single exam which would give
>full priveleges to all amateurs. There is no consistant logic here.

There's very consistent logic here. No small finite number of exams offers incentive for a lifetime of self training. One or five, it makes little difference. What my proposal represents is an *entrance* exam into the learning environment that is amateur radio. It makes sure you know enough, or know how to find out enough, to be legal, safe, and not cause harm to other services. Those are things *every* licensee needs to master before being allowed to emit RF.

Beyond that, the proposed test is structured to teach you the research skills you need to proceed with further learning *if you wish*. There's an old saw about leading a horse to water. That's true in amateur radio too. The proposed exam points you down the road toward a lifetime of learning via the open book format, which introduces you to the relevant references, but it can't force you to actually learn anything. My point about the Incentive Licensing scheme is that *it doesn't either*, and it doesn't even *try* to see you have the right kind of skills to pursue further learning.

The current system doesn't point you to anything down the road but more memorization and more rote manual skills. No real learning skills are needed to pass the entire suite of current exams. It doesn't require critical thinking or library research skills to pass even the current highest level exam, so it leaves you ill prepared to pursue a lifetime of self training. And besides that, the current system allows people to be licensed without even the rudimentary skills needed to determine if they are legal, safe, and causing no harm to other services. The current system doesn't even *emphasize* those latter matters. It's entire focus is disproportionately aimed at speed testing of a rote manual skill of negligible importance to modern communications in order to get small additional slivers of HF spectrum, also of little importance to modern communications. (The rote manual skill testing is redundant anyway since those wishing to use code will have to teach themselves code in any event, and those not wishing to use code won't, even if they are tested on it.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

109. Amiga 500 for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 15:06:04 UTC
From: sewilco@fieldday.mn.org
Message-ID: <3ebp4s$g6t@fieldday.fieldday.mn.org>
Source record: 253958
Cross-posted to: mn.forsale,rec.radio.amateur.misc,rec.radio.amateur.packet,misc.forsale.computers.other

```
For sale $300:
Amiga 500 with A501 RAM expansion (1MB total)
Commodore 1084 color monitor
A1011 external floppy drive

(612) 936-0118

--
Scot E. Wilcoxon sewilco@fieldday.mn.org +1 612 936 0118
1. Laws are society's common sense, written down for the stupid.
2. The stupid refuse to read. Thank you for choosing to read.
```

110. Re: RS-15 experiences yet?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 15:30:12 UTC
From: tigger@prairienet.org
Message-ID: <3ebqi4$hmb@vixen.cso.uiuc.edu>
Source record: 253957

In a previous article, price@cod.NOsc.MIL (James N. Price) says:

>-------
>I see on the local DX PacketCluster that RS-15 has been launched, the up
>and down links and the Keps have been posted, etc. Anyone made a contact
>yet? With the higher altitude orbit, longer distance QSOs should be
>possible than with RS-10 or RS-12. But it may take a bit more power to hit
>it--or maybe it has a much better Rcvr?

I was unaware that there was a new RS satellite being launched. Does it
have a 15m up/10m down split?

Thanks,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:300 worked/278 cfmd

"Therapy is like open-heart surgery in installments." -Robin Williams

111. Re: FCC On-Line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 15:44:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501030944044214@ectech.com>
Source record: 253967

ALIASNAME>>Im concerned about this myself. Im waiting till I get my tech license in the mail before i go on transmitting just to be safe . Why spoil a good thing over rumors.

What a way to start your Amateur Radio career! As of December 20, 1994, you do not have to actually hold your license - the mere issuance is sufficient for you to enjoy your privileges.

After your Application has been in the FCC's hands for about three weeks, call them on their toll-free 1-800 line, and ask if you've been issued a License. If so, you're "on the air!"

CITATION (not "rumor"):

>From ARRL Headquarters
Newington CT October 25, 1994
To all radio amateurs

SB QST ARL ARLB084
ARLB084 FCC licensing changes

The FCC today released a 7-page Order amending its amateur rules, effective December 20, 1994, to reflect what the Commission calls ''nonsubstantive procedural changes'':

1. To permit electronically filed data from VECs (paper applications also will still be accepted);

2. To authorize operation as soon as the new license data appears in the amateur service licensee data base, rather than (as now) when the license document has been delivered (details of how the new licensee can determine his call sign will be announced later);

3. To add a new rules section, ''Examinee Conduct,'' to emphasize that an examinee must comply with the instructions given by the administering VEs;

4. To treat ''Technician Plus'' as a license class;

5. And to provide for a ''renewal short form'' which the FCC says will be mailed to licensees in advance of their expiration date beginning sometime in 1995. The FCC added that renewal applications would be accepted no more than 90 days before the expiration date.

Because of the nature of these rule amendments, there is no notice or comment period required by federal law. Again, these changes do not take effect until December 20, 1994.

112. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 15:45:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.25441.2099@nitelog.com>
Source record: 253831

```
This message was from HAM DIST NET to ALL,
and was forwarded to you by GREG POOL.
------------------------

The following files were processed Tuesday 12-27-94 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ANART839.ZIP 6,140 ANART Bulletin #839 12/11/94
ANART840.ZIP 7,867 ANART Bulletin #840 12/18/94
ARLB096.ZIP 1,628 12/16/94 - Two new astrohams
ARLB097.ZIP 1,897 12/16/94 - Vanity Call update
ARLB098.ZIP 1,836 12/16/94 - PRB-1 victory
ARLB099.ZIP 2,030 12/20/94 - FCC callsign update
ARLB100.ZIP 2,051 12/21/94 - Penalties for VE fraud
ARLB101.ZIP 2,064 12/22/94 - 2400-Mhz comments filed
ARLD075.ZIP 3,016 12/15/94 - DX News
ARLD076.ZIP 3,357 12/22/94 - DX News
ARLP052.ZIP 1,865 ARRL Propagation Bulletin 12/16/94
ARLP053.ZIP 2,239 ARRL Propagation Bulletin 12/23/94
ARLX032.ZIP 2,190 12/09/94 - New 5760-Mhz record
ARLX033.ZIP 1,887 12/12/94 - New 144-Mhz record
ARLX034.ZIP 1,734 12/15/94 - Earthwinds update
ARLX035.ZIP 1,616 12/16/94 - correction
ARLX037.ZIP 1,715 12/22/94 - JOTA date correction
IRTS1207.ZIP 2,814 IRTS Bulletin 12/11/94
NEWS1210.ZIP 10,259 NewsLine #904 12/10/94
OPDX186.ZIP 4,361 Oh/Pa DX Bulletin 12/12/94
OPDX187.ZIP 5,689 Oh/Pa DX Bulletin 12/19/94
OPDXSURV.ZIP 2,211 OPDX/NODXA 1994 DX Survey
PFQ1211.ZIP 11,638 VK2PFQ President's address / WICEN News
PFQ1218.ZIP 12,135 VK2PFQ President's address / WICEN News
RAC1215.ZIP 10,562 RAC Spcl News Bulletin 10-94 12/15/94
RACES353.ZIP 2,877 RACES Bulletin #353 11/21/94 - OPS: We Wait, but no
calls 3/4
RACES354.ZIP 3,027 RACES Bulletin #354 11/28/94 - OPS: We wait, but no
calls 4/4
RACES355.ZIP 2,879 RACES Bulletin #355 12/05/94 - MIS: Volunteerism
RACES356.ZIP 2,947 RACES Bulletin #356 09/19/94 - OPS: Wildfire roles 1/2
RSGB1211.ZIP 8,238 RSGB Bulletin 12/11/94
RSGB1218.ZIP 9,983 RSGB Bulletin 12/18/94
RTDX1216.ZIP 2,709 RTTY DX Bulletin 12/16/94
RTDX1223.ZIP 2,402 RTTY DX Bulletin 12/23/94
VK2-1211.ZIP 2,286 VK2 WICEN News 12/11/94
```

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VK2-1218.ZIP 2,334 VK2 WICEN News 12/18/94
YNET012.ZIP 6,081 YouthNet Bulletin #012 12/ /94
------------------------------------------------------------------------------
150,564 bytes in 36 file(s)

HAMSAT HAM: Satellite tracking and finding programs
------------------------------------------------------------------------------
ARLK055.ZIP 3,210 ARRL Keplerian Bulletin 12/17/94
OBS350.ZIP 5,652 Amsat Orbital Elements #350 12/16/94
SPC1219.ZIP 4,150 Space News 12/19/94
------------------------------------------------------------------------------
13,012 bytes in 3 file(s)

HAMSWL HAM: Shortwave broadcast schedules
------------------------------------------------------------------------------
SCDX2214.ZIP 6,312 Sweden Calling DX #2214 12/20/94
------------------------------------------------------------------------------
6,312 bytes in 1 file(s)

Total of 169,888 in 40 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

----------------------------------------

Let's include the ftp site in our page. This looks like a resource.
What do you think?
```

Aloha+73 de Greg WH6DT

OLX 2.1 TD Darn cat - get off the keyb#^*$!*^&%^$@#%*...NO CARRIER

113. Re: Ham or HAM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 15:46:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501030944044215@ectech.com>
Source record: 253968

PAUL>>Ham or HAM? Who cares?

Well, professional proofreaders and editors would like to know. Without a definitive origination known of the term, no one can intelligently (i.e., properly) spell the darn term.

114. Need current address for Idiom Press

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 16:04:57 UTC
From: djenkins@jetson.uh.edu
Message-ID: <3ebsj9$7j3@masala.cc.uh.edu>
Source record: 253960

In <93.19847.7585.0NFB8909@woodybbs.com>, tom.hammond@woodybbs.com (Tom Hammond) writes:
>DJ>The ARRL Handbook describes a keyer kit (CMOS II, I think) with some
> parts available from Idiom Press in Deerfield, IL. Does anyone have
> a phone number for this company? If you do, would appreciate an
> offline reply.
>
>'Fraid I can't help you with a phone number, but here's what I do have:
>
> (from September 1994 QST, p. 210)
>
> IDIOM Press
> Box 1025
> Geyserville CA 95441

[some snipping here]

Does anyone have current address? IL or CA?

TIA es 73

David F. Jenkins
Decision and Information Sciences
University of Houston
KC5JRR

115. VESA drivers es JVFAX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 16:08:46 UTC
From: bcieslak@mkelan5.remnet.ab.com
Message-ID: <bcieslak.47.00102589@mkelan5.remnet.ab.com>
Source record: 253843

I've been trying to run jvfax and have been having pretty good luck with the exception that I can only see pictures in black and white....One fella on the air said I should run a VESA driver??? I have an older video 7 graphics card and paradise autocard .I've tried using the selections available with JVFAX for that card but still B&W. I was also told that there is a general VESA driver that I can use with any card. If so where could I get a copy? I want to exhaust all possibilities for my existing video card before I spring for a Hi Color card.

Thanks,
Brian AE9K

116. DX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 17:27:44 UTC
From: TSTABLER@iunhaw1.iun.INdiana.EDU
Message-ID: <11B4F5B6C16@iunhaw1.iun.indiana.edu>
Source record: 253961

I have been off the air for years. When I left, I operated 80 meters as a technician and now that I am back, am an advanced. So now I operate a lot of 20 meters. My problem is that I am building up DX contacts and I am not sure of what to do to get a QSL card from them.

I know--ask people around me. I do not see any local people and when I ask on the air, I get all sorts of comments.

So, is there a good book, or something else, for this information?? I got the ARRL piece on QSL cards, but that seems to just say send the cards in with no comments on IRCs or green stamps.

Any help would be appreciated.

Thanks.

73 de Tim WB9NLZ

117. Re: HF DX Grid Hunting

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 18:07:26 UTC
From: w5kne@mcimail.com
Message-ID: <3ec0tk$1jp@superb.csc.ti.com>
Source record: 253964

In article <2a6.3282.545@acenet.com>, <brian.carling@acenet.com> writes:
>>

> RC>I have been wondering for some time why the HF DX crowd hasn't started
> RC>chasing Grids. Serious DXers "ran out of countries" years ago (except
> RC>for the few created from the USSR, and artificially manufactured ones).
> RC>They'll run out of IOTA eventually; then what? GRIDS.
>
> So Bob, how do we get started? I think it would be a lot of fun.
> You could collect grid squares for specialized modes like QRP CW,
> 10 meters, 30 meters etc.
>
> First step for me would be to try to figure out what MY square #
> is!!
>
> ---
> • SLMR 2.1a • Who'd a' thunk it!

------------------- response --------------
Some HF DXers have been working grid squares for at least 10
years and the Japan Amateur Radio League sponsors the Worked
All Square Award (WASA) for working 100 squares (endorsements
at 100 increments).

You might notice that most Japanese QSL cards and some from
Europe the GL or loc. code, which is the Grid Square code.
73

Bob Winn, W5KNE, VK9XN
internet w5kne@mcimail.com

118. Can anybody out there

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 19:13:46 UTC
From: jangus@skyld.grendel.com
Message-ID: <789160426snx@skyld.grendel.com>
Source record: 253855

In article <3e7rme$b3b@Island.amtsgi.bc.ca> fm@IslandNet.com writes:

>
> a
> c
> yx
>
>

Ding! vi claims yet another victim.

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

119. Re: REPEATERS.....and their MAKERS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 19:33:37 UTC
From: depolo@red.seas.upenn.edu
Message-ID: <3ec8qh$mlf@netnews.upenn.edu>
Source record: 253970

In article <3dsu3m$ibn@server.st.usm.edu>,
William Coley Richardson <wrich@whale.st.usm.edu> wrote:
>
>This is a general gripe that I will probably get flamed for but what the
>hell. I purchased a repeater from a guy named Matt Bush (KA9IRX).
>This repeater purchase was supposed to be be one that I would be happy
>with and ready to run as is. BUT.... After putting up with his rude
>comments on the phone and having to endure several months worth of
>problems I would like to say this guy is an IDIOT. To give you an idea
>this guy mounted the repeater controller to the reciever with no
>shielding, which is less than one inch from the transmitter. Not only
>that but when we opened the box and saw the Motorola MICOR repeater MOBILE
>radio, we were not the least bit happy with Mr. Bush. Anyone with any
>bit of sense will either not purchase one of these pieces of shit or will
>they will be in for lots of headaches. Matt Bush is an IDIOT!!!!!!

For $400, you were expecting a full Micor repeater station? You must
be kidding. Hamfest-special repeater stations, with no guarantee, won't
go for under $1000, and from a used equipment dealer, they're typically
$2500-$3000 for a 75 watt PL UHF repeater.

The Micor mobiles and the full repeater stations share much of the same
circuitry. The receivers are identical. The PA's are identical, although
obviously mounted on different heat sinks. The power control,
audio, etc. is almost all identical. The exciters are different - the
base/repeater stations use a VHF exciter with its own channel element
to allow you to pick *any* Tx frequency, while the mobiles have a
UHF exciter that takes the LO from the receiver and beats it up to
produce a 5 MHz shift only, which is fine for amateur service.

I've done many Micor mobile conversions for repeater service. Well over
50. Even if I hurried, I couldn't do a complete conversion in under
10 hours. It's a lot of work to do it right. It's not just as simple
as a couple jumpers and bring out the receiver antenna cable as you
might be led to believe. Even if the guy's time is only worth $20
an hour, it's still a fair deal.

--- Jeff
--
-=-
Jeff DePolo WN3A Twisted Pair: H:(215) 337-7383 W:387-3059 x300
depolo@eniac.seas.upenn.edu RF: 442.1 442.2 442.4 443.8 link system PL 3B
Claim to Fame: I got the first speeding ticket on the information superhighway

120. VACUUM tubes needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 20:05:12 UTC
From: saschad@musenet.org
Message-ID: <3ecalo$100@info-server.bbn.com>
Source record: 253977

I am looking for two types of vacuum tubes for my Kenwood TS-520SE:

6146B (need 2)
12BY7 (need 1)

Used or new ones would be great. Please email me any offers.
Thanks!

--
****
Sascha L. Deri ka1wkw
University of Southern Maine
saschad@eeunix.ee.usm.maine.edu

121. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 20:42:11 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3eccr3$sla@crcnis3.unl.edu>
Source record: 253829
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

You've got some good suggestions for test content, Gary, but the rest of your post is kicking a dead horse! There`s little question that the current exams are not very good at doing what they purport to want to do. We're not in (much) disagreement there. I still don't think your concerns about "promoting life-long learning" could be satisfied with a one-time all-priveleges entry exam. A PROPERLY designed incentive system seems more likely to do the trick.

I'll ignore the re-introduced comment about CW. There are a few people here who tend to get very personal about that subject, and I've desided for '95 to try to avoid that agravation. I got in on this thread when it looked like it might get away from that topic!

It's refreshing to find even a little common ground with you...though it probably won't last :-)

Happy NU Year!!!
Greg WB0RTK (Nebraska!)

122. Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 20:48:47 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3ecd7f$i3g@fohnix.metronet.com>
Source record: 253971
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

What is the origination of the term HAM referring to radio operators?

Is it an abbreviation or word?

--
```
-------------------------------------------------------------------------
| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|
-------------------------------------------------------------------------
```

123. Re: Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 21:03:27 UTC
From: Earl=Morse%EMC=Srvc%Eng=Hou@bangate.compaq.com
Message-ID: <78916340734n12@131.168.114.12>
Source record: 253840
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>
>What about it, fello OF's? Was the Novice a ghetto?
>
>Greg
>WB0RTK
>

Nope, it was more like a bull pen (baseball vernacular). A place
for you to warm up and unfold your stuff with others who were
at your level. Away from the jeers and sneers of the high and
mighty who might be looking to bash the new guy. There sure
wasn't any derisive comments made novice to novice because
each was just as shaky at the key.

Earl
KZ8E
kz8e@BANGATE.COMPAQ.COM

124. DSP: here's what it sounds like

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 21:05:31 UTC
From: dbushong@wang.com
Message-ID: <D1uL98.H84@wang.com>
Source record: 253833

A couple weeks ago I posted some WAV files that illustrate what
a DSP filter does for you. Since then, I've made samples of
all the different modes that it helps, i.e., CW, RTTY, AMTOR,
SSB noise and tone reduction.

These files are available via anonymous FTP at ftp.wang.com
in the /dbushong/ham directory. Help yourself!

WWW users, click <A HREF = "ftp://ftp.wang.com/dbushong/ham">here</A>.

73,
Dave, KZ1O
--
Dave Bushong
Wang Labs

125. Old ARRL DX Bulletins wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 21:13:25 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.789167605@melpar>
Source record: 253828

If anyone out there has copies of ARRL DX Bulletins from
September 1994 to the present, I'd appreciate electronic copies.
I have #77 and #72 but none of the others. Can anyone help?

Reply via e-mail to pbock@melpr.esys.com

TNX ES 73 DE K4MSG

126. Re: Vienna Virginia Winterfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 21:30:08 UTC
From: jwilkins@lfs.loral.com
Message-ID: <3ecfl0$p5l@news.manassas.ibm.com>
Source record: 253832

In <1731B6B30S85.M21714@mwvm.mitre.org>, M21714@mwvm.mitre.org writes:
>When is the 1995 Vienna Wireless Society Winterfest?

I don't remember, but it's advertised in AutoCall magazine available from EEB in Vienna. If possible, check-in or just monitor the Wednesday night Fauquier Amateur Radio Assoc. net at 2100 local on 147.165...the net control (usually Don, WY2V) announces upcoming events like these.

73, John KC4SYX

127. Re: MORSE Code Study-Guide...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 21:52:12 UTC
From: mack@ncifcrf.gov
Message-ID: <D1unF0.7tp@ncifcrf.gov>
Source record: 253837

In article <treit.144.000C048C@seanet.com> treit@seanet.com (Treit) writes:
>>All Hams:
>>I'm starting to learn morse code and would like to know if there are any
>>preferences when it comes to learning methods? I like the idea of
>>computer software and would like to know what you feel is the best or
>>better of the types available.
>
>Mike:
>
>I learned CW using the computer program SuperMorse, which is available as
>shareware from most ham-related FTP sites.

I found computer programs not my style. I just listened to tapes.

>The best way to learn is to set up
>a definite schedule for study and stick to it. Set aside 30 minutes a day

Agree!
(you've got to do it each day no matter what)

> Once you start getting a good grasp on the
>characters, start sounding out things that you read in code. For example,
>when you're out driving and you come to a stop sign: spell it out in code.
>Start doing this with everything you come in contact with: signs, books,
>magazines, etc. It's great practice and it keeps you from limiting your study

helped me too

>to your pre-set sessions. If you do this for 3-4 weeks you should be fairly
>comfortable at 5 WPM, though you might learn slower or faster depending on
>your own particular abilities and study habits. Also, be sure to use
>Farnsforth code...that is, keep your character speed at 18 WPM and use longer
>spacing to slow it down.

I used regular spacing and it worked too.

>
>In addition, I would recommend buying a straight key and code-practice
>oscillator (or borrow one) and practice sending. Find someone else who is
>learning (or knows) morse code and send back and forth to each other. Tape
>yourself sending and play it back a few days later; that will give you good
>copying practice as well as point out any flaws in your sending. Most
>importantly, relax and enjoy the experience...I had a great time learning CW
>and I'm sure you will also.
>

Never had time for this - didn't seem to matter.

Also I never leanred toeend till after I got me ticket. You don';t need to send to bbe able to reciever. After I got my tiocket I sat at home for about 1/2hr on
a paddle and got the idea without too much
trouble. I wouldn't like to have to send straight key though.

>All of the above is taken directly from my own experience: it is how I learned
>CW 2 years ago. Everyone is different, of course, so if the above method
>doesn't seem to work for you, be sure and experiment to find out what DOES
>work.
>
>Good luck and 73's!
>
>-Mike KB7QOP

and Joe NA3T

128. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 22:01:15 UTC
From: lipton@news.dorsai.org
Message-ID: <D1unu3.LJw@dorsai.org>
Source record: 253849
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

Charles Copeland (copeland@fohnix.metronet.com) wrote:
: What is the origination of the term HAM referring to radio operators?

: Is it an abbreviation or word?

It is derived from 'amateur.'

Bob

129. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 22:15:27 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199501032227.OAA09387@ucsd.edu>
Source record: 253863

>Most, IMO, radio amateurs are happy with the "this is a hobby"
>philosophy and are content to invest their time and money
>ONLY on their own personal stations. As far as investing time
>and money in linked repeater systems or packet radio nodes
>and backbones, they are more than willing to let someone else
>foot the bill. The "bill" is beyond the resources of a miniscule group
>of interested radio amateurs. As a result, our internetworking
>capabilities are truly miserable.

David Broder (Washington Post Writers Group) recently wrote a column about strengthing civic life and the return of civility in public discourse. Part of that article mentioned an essay by Robert D. Putman of Harvard U. called "Bowling Alone" where some 80 million people claim to have bowled in the last year and that's up 10 percent since 1983 yet league bowling declined 40% in the same time span. This ends up being a discussion of "public capital" and it's depletion - a term Putman used to describe quality of civic life.

The point being that without public capital, institutions of self-government become brittle and break...and writing a check to an organization is no substitute for working a problem through with fellow citizens.

In the case of amateur radio, we have a lot of people who are licensed yet never get on the air. We have areas of spectrum looking for utilization yet no one wants to be part of the over all group -- they just want a packet bbs to use or a voice repeater without concern to how all that came to be ...a lot of "open bowlers" but no "league bowlers" that really make it possible for the bowling alleys to be open in the first place.

maybe someone will be able to expand on this a bit....i'm beat right now and about to quit for the day here...

73, bill wb9ivr

130. 8236 tubes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 22:37:14 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3ecjiq$ke7@omnifest.uwm.edu>
Source record: 253973

Can anyone give me any information about 8236 tubes? Price, sources, availability, equivalents, etc.

TNX ES 73,

Rick WB9GYT

131. Amateur Radio Classes - Everett Wa

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 23:05:06 UTC
From: muszynsk@bcstec.ca.boeing.com
Message-ID: <D1uqsI.FGF@bcstec.ca.boeing.com>
Source record: 253962
Cross-posted to: seattle.general,rec.radio.amateur.misc

The Boeing Employees Amateur Radio Operators North Society (Bearons) will be offering amateur radio study courses again this Winter. A Novice/Technician course will be offered for those wanting to obtain their first amateur radio license, or to upgrade from Novice to Technician or Tech+. A General/Advanced course will be offered for Technician, Tech+, or General class licensees who would like to upgrade to a higher license class.

Both courses will be held for nine consecutive Tuesday evenings starting January 24, running through March 21, from 6:00 PM to 9:00 PM.

The final class for both courses will be an examination session. All persons wishing to take any FCC Amateur Radio License exam, Novice through Extra, are welcome to attend the examination session on March 21, at 6:30 PM.

Contact Charles Scharlau (NZ0I), at 353-9277, or on packet at NZ0I @ n7oqn should you require additional information.

Classes will be held at the Boeing Everett Activity Center, located at 6400 36th Ave W, just North of the Everett Boeing plant. Take the Boeing freeway to the Seaway Blvd exit. Follow Seaway Blvd north for 2.1 miles. The Activity Center will be on your left. Talk-in will be held on the BEARONS repeater (443.925 MHz, PL 100.0 Hz). Class materials, consisting of license manuals and Morse code practice software for the IBM PC, will be available at the first class session at a cost of $20. Bring a pencil, paper and calculator. There is no charge for the instruction. Registration will be held during the first class. There is no pre-registration.

****
Please don't respond to this post. Contact Charles @ 353-9277 for questions. 73's
****

132. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 23:06:59 UTC
From: radams@cs.wmich.edu
Message-ID: <1995Jan3.230659.4315@sol.cs.wmich.edu>
Source record: 253872

In article <3ecd7f$i3g@fohnix.metronet.com>,
Charles Copeland <copeland@fohnix.metronet.com> wrote:
>What is the origination of the term HAM referring to radio operators?
>
>Is it an abbreviation or word?

It's a word. In turn-of-the-century parlance, "hamming" meant something like "playing around for the Hell of it." In radio this gave rise to "ham-fisted", a derogatory term used by professional operators to describe sloppy sending. Something like QLF ("Are you sending with your left foot?").

Take care.

Robert Adams, P.E.
WA9ZMO
radams@cs.wmich.edu

* "Bother," said Pooh as he left a bloody glove behind Kato's poolhouse.

133. AR1000XLT for Sale - Cheap

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 23:22:31 UTC
From: asplund@nunki.usc.edu
Message-ID: <3ecm7n$c3g@nunki.usc.edu>
Source record: 253963
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Hello all,

I have an AOR AR1000XLT receiver for sale. The following applies:

- Less Than One Year Old (have purchase receipt)
- Very Little Use
- Receives 0.500Mhz to 1300.0Mhz Continuous (from factory)
- 1000 Memory Channels
- Great Condition
- Howard Bornstein's "Guide to the AR1000"

As mentioned I am including Howard Bornstein's book for an easier understanding on its use.

I am asking $325.00 firm, which includes UPS delivery in the US. If you are interested, please respond directly to me at: asplund@scf.usc.edu

Daryl Asplund

134. Craig Dinsmore-where are you?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 23:23:52 UTC
From: ronedn@cnsvax.uwec.edu
Message-ID: <1995Jan3.172353.19548@cnsvax.uwec.edu>
Source record: 253974

Hi Craig!

I've been trying to reach you. Drop me a line.

Dave

135. IPS Daily Report - 03 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 23:32:11 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan3.233211.22369@ips.oz.au>
Source record: 253965
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 03/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 03 JANUARY AND FORECAST FOR 04 JANUARY - 06 JANUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 77/16

GOES satellite data for 02 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.1E+04
Daily Electron Fluence >2 MeV: 3.7E+06 (normal)
X-ray background: A1.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
04 Jan 05 Jan 06 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 04 Jan: 78/17

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active, with a minor
storm period 06-09UT.

Estimated Indices : A K Observed A Index 02 Jan
Learmonth 23 4354 3433
Fredericksburg 17 17
Planetary 20 12

Observed Kp for 02 Jan: 1233 2443
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
04 Jan 20 Unsettled to active
05 Jan 15 Quiet to unsettled
06 Jan 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
03 Jan normal fair-normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
04 Jan normal fair-normal poor-fair
05 Jan normal fair-normal poor-fair
06 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
03 Jan 2 near predicted to slightly depressed.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
04 Jan 5 Near predicted monthly values to 10% depressed.
05 Jan 15 Near predicted monthly values
06 Jan 15 Near predicted monthly values
COMMENT: IPS HF Communications Warning 16 was issued on 30 December
and is current for interval 3-4 January.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

136. Amiga Amateur Radio Users Group

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-03 23:58:33 UTC
From: paul.whatton@posnet.co.uk
Message-ID: <950104140013207@posnet.co.uk>
Source record: 253848

In a message of 03 Jan 95 Bob Stafford wrote to All:

BS> Paul Whatton posted a message a couple days ago mentioning the Amiga
BS> Amateur Radio Users Group located in the UK. If anyone has any
BS> information I would appreciate getting e-mail about it. I tried to
BS> email Paul but the server said that it was wrong.
BS> Tnx & 73 Bob Stafford, N9USD

BS> ===
BS> | Bob Stafford Email Alias: Bob.Stafford@dialin.ind.net
BS> |
BS> |
BS> | 826 N Queen Road
BS> |
BS> | Walkerton, IN 46574
BS> | Phone: FAX:
BS> ===

Hello Bob

I'm sorry that you couldn't send me E-Mail direct. I don't have a personal Internet account but my local FidoNet BBS allowed me to receive E-Mail. Unfortunately the week after I posted the information about the Amiga Amateur Radio User Group the facility was withdrawn by the Internet provider. Murph's law!!!

There's a floppy disk which contains information about the group which I will mail to you within the next few days, so look in your post box sometime about 10 January for a padded bag from me. If anyone else wants a copy of this AARUG introduction disk then please send a blank 720k floppy and enoughIRCs for return postage to me at:

Paul Whatton G4DCV
39 Wellington Road
Deal
Kent
CT14 7AL

Tel/fax UK+ 304 368790

All the details are on the floppy but in brief the group membership is free. You just register and then lodge enough SSAEs or IRCs to get the (spasmodic) Newsletter mailed out to you. There's some sample Newsletters on the floppy for you to have a look at.

The group has about 300 members at this time, most in the UK but also many abroad. We also run a free PD library- basically you send a blank floppy

with return postage and it comes back from the librarian with your program on it. I don't bother much because I can freq (FTP) Amiga Ham files from AmigBee BBS in London (Sysop G6LPF).

Currently the group is run completely on a voluntary non-profit making basis so things like the Newsletter aren't that regular (g) but it is a great way of finding those elusive Amiga Ham programs and of contacting other Amiga Hams.

73 de Paul G4DCV

AmigaBee London BBS 2:254/214 Tel UK+ 81 695 5328 * Amiga Ham file area *
--- Spot 1.3 #997
* Origin: Paul's Point off AmigaBee (2:254/214.6)

137. Newby's to the field of Radio & Scanners

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 00:07:33 UTC
From: paige.mcghee@richcon.com
Message-ID: <9501040030565310@richcon.com>
Source record: 253966

Gary,
Your message was interesting to me. My husband and I have recently purchased a scanner, BC178XL XLT Uniden Bearcat. It has been great fun! I have gone out and gotten the "Police Call" radio and enjoy followint the police cars all around the city. While this is not a "radio" as such I am looking for someone to teach us the "ins and outs" of scanners. Are you interested? What did you start out with? When the "bug" bit you??

138. Re: CW without 5WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 00:35:33 UTC
From: jbaltz@bonjour.cc.columbia.edu
Message-ID: <3ecqgl$713@apakabar.cc.columbia.edu>
Source record: 253993

In article <3eagbt$qca@crcnis3.unl.edu>,
gregory brown <gbrown@unlinfo.unl.edu> wrote:
>The original poster's question asked if he could operate CW without
>passing a test...the answer was "yes". However, without stipulating

So leave it at that. Yes, he can do CW.

>the frequency he had in mind, he also used the example of feeding the
>audio output of a code practice oscillator into a mike for
>on-the-air-practice. That's what people have been trying to clarify
>with their answers. If he intends to use that method on any
>frequency restricted to A1A mode, he would be in violation.

True. Touche'.

>Greg WB0RTK

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

139. Re: IOTA Info Copyrighted?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 01:38:21 UTC
From: jfj@pacer1.usca.scarolina.edu
Message-ID: <3ecu6d$jnj@redwood.cs.scarolina.edu>
Source record: 253969

dearnshaw@worldbank.org wrote:

: Is the information in the IOTA Directory copyrighted?

According to my directory "Copyright by Roger Balister, G3KMA, ... Those interested in seeking permission for any of the following ... are invited to contact Roger Balister"

My directory is also numbered.
73, John KE2WB

140. More Amiga and Packets a

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 01:47:28 UTC
From: mario@ccsnet.com
Message-ID: <0464IXSGHCAWUCRTSX@ccsnet.com>
Source record: 253995

Burt,

BF>MA>copy to the forum while on-line with RipTerm.
BF>
BF>How do you send anything to the "forum?"
BF>There is no address for the forum.

In Ripterm use 'Reply' not 'Email' while in the forum messages.
---
* UniQWK v3.3a* The Windows Mail Reader

--
From Custom Computing Systems (508) 790-4929

141. Re: Got a catchy mnemonic

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 01:47:28 UTC
From: mario@ccsnet.com
Message-ID: <0457IXSGHCAWUCRTSX@ccsnet.com>
Source record: 253996

```
From: Burt Fisher To: INTERNET: BRIAN.CARLING@A
Subj: Re: Got a catchy mnemonic Date: 12/31/94 16:43
================================================================

IB>73 & Happy New Year to you!
```

Another stupid impersonal Christmas greeting that is sent to save 29
cents and make us think you care when the only thing you care about is
looking like you care.

• SLMR 2.1a • One modem said to another: "Hey, you've got a nice baud!"

```
--
From Custom Computing Systems (508) 790-4929
```

142. Computer Illiterates

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 01:47:29 UTC
From: mario@ccsnet.com
Message-ID: <0456XFTUHQSABBBGHT@ccsnet.com>
Source record: 253997

From: Burt Fisher To: Mario
Subj: Computer Illiterates Date: 12/31/94 16:42
==========
> So many people has asked where the "Any key" is when "Press
Any Key
MA>flashed on the screen, the command may be changed.
MA>

> When asked to send in a copy of a defective floppy disk, in a
few da
MA>a
MA>letter arrived from the caller along with a Xerox copy of the floppy.

These and the other jokes you sent were pretty good, the one about "any
key"would fit my wife.

Did you hear Samantaha and I on last night, we were on for about 45
minutes.

--
From Custom Computing Systems (508) 790-4929

143. Re: CW without 5WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 01:47:30 UTC
From: mario@ccsnet.com
Message-ID: <0462KUSLJAKSMTOVSF@ccsnet.com>
Source record: 253998

From: gbrown@unlinfo.unl.edu To: ** ALL **
Subj: Re: CW without 5WPM Date: 01/03/95 10:38
==========

Jerry B Altzman (jbaltz@watsun.cc.columbia.edu) wrote:
: In article <3ea798$s1a@usenetw1.news.prodigy.com>,
: Victor Morange <DDDP59B@prodigy.com> wrote:
: > You can operate any mode over 50 mhz but puting a key in a mic jack
: >doesn't count as CW because you are using FM as your signal instead of a
: >CW signal. What you would be performing is MCW.

: If he's got an all-mode VHF rig, then it very well could be CW (A1A or
: A1B).

: If you're going to be such a stickler, then you'd better watch out for your
: units. 50 mhz is VLF. 50 MHz is VHF.

: >73, Victor (Tech +)

: //jbaltz

The original poster's question asked if he could operate CW without
passing a test...the answer was "yes". However, without stipulating
the frequency he had in mind, he also used the example of feeding the
audio output of a code practice oscillator into a mike for
on-the-air-practice. That's what people have been trying to clarify
with their answers. If he intends to use that method on any
frequency restricted to A1A mode, he would be in violation.
That's not being a stickler, that's trying to be accurate and helpful.

Greg WB0RTK

--
From Custom Computing Systems (508) 790-4929

144. Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 02:35:28 UTC
From: flloyd@qrz.com
Message-ID: <3ed1hg$2o7@maple.enet.net>
Source record: 254005

Since I've received several requests, the following is a verbatim
copy of page AM005 of the new FCC callsign database format description
as obtained on November 1, 1994.

It is my personal opinion that most of these call signs should not
be restricted. I feel that what we are seeing here is another example
of how Political Correctness ultimately rules in Washington.

-fred

AMATEUR RADIO SERVICE DATE: 4/10/92
DATA ELEMENTS & CODES AM0005

7. Edit Required on Data Element (continued)

In all instances, an edit must be made to insure the letter "X" does
not appear as the first letter of the call sign suffix (5th position)
for 2X3 call signs. For example, WA1XBC is not a valid call sign;
however, W1XBC, WA1X, W1XA, WA1XB, and W1X are valid call signs.

Members of the public have found some call signs to be offensive, in
poor taste, or objectionable for other reasons. Additionally, some
call sign suffixes could be confused with international distress or
information codes contained in ITU regulations. The following list
contains call sign suffixes which are not to be issued. However, if
call signs containing these suffixes already exist, they may continue
to be held, and may be renewed or modified.

ASS BAG BOX COC
COK DIK DIC DOG
DUD DUM FAG FUC
FUK FUQ FUX GAS
GAY GOD IMQ JAP
JEW JUE KKK KOK
LID MIK NUT OAF
PEW PIG PIS PUE
PUS SAP SEX SOB
SUC SUK SUQ SUX
TIT WOP SOS DDD

QRA through QUZ

--
-- --
Fred Lloyd, AA7BQ flloyd@qrz.com

Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
---

145. Re: Old ARRL DX Bulletins wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 02:37:39 UTC
From: scotte@ccs.neu.edu
Message-ID: <3ed1lj$hfd@narnia.ccs.neu.edu>
Source record: 254004

In article <phb.789167605@melpar>,
Paul H. Bock <phb@syseng1.melpar.esys.com> wrote:
> If anyone out there has copies of ARRL DX Bulletins from
>September 1994 to the present, I'd appreciate electronic copies.
>I have #77 and #72 but none of the others. Can anyone help?
>
> Reply via e-mail to pbock@melpr.esys.com
>
>TNX ES 73 DE K4MSG

Anonymously FTP to: oak.oakland.edu

Change directory to: /pub/hamradio/barc/w1aw-list/arld/1994

Grab all the bulletins you want!

73,
Scott

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

146. Info reqd.: The Institute of Radio Engineers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 02:39:06 UTC
From: ddhar@top.cis.syr.edu
Message-ID: <3ed1oa$irf@vixen.cso.uiuc.edu>
Source record: 254003
Cross-posted to: rec.radio.amateur.misc,rec.radio.broadcasting

Hi everyone!

My mom's uncle asked me to find out the present address / phone no. of
The Institute of Radio Engineers. If anyone knows anything about this
organization (present name, etc.), please send me an e-mail at
ddhar@top.cis.syr.edu.

Thanks in advance,
Debashis Dhar

P.S. The organization was based in New York City in the 1950s.

147. Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 03:09:53 UTC
From: cmassey@onramp.net
Message-ID: <cmassey-0301952209530001@dal47.onramp.net>
Source record: 253972

Ok here is a chance to get it off your chest...is six meters worth the time and money to get into???
Read a good book on "The Magic Band" and the author makes it sound like the next ham heaven...not much QRM...polite operators and gear that still be had for reasonable $$$ used and antennas easy to build.
So let me know...I can work all the bands but find not having a lot of time, I thought concentrating on six meters might be a good way to be active, focused, and enjoy ham radio like I used to.

148. In Reply To: ANSI C95.1-1992

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 03:54:35 UTC
From: dhoyt@dhoyt.win.net
Message-ID: <319@dhoyt.win.net>
Source record: 253976

WRT FCC/ANSI Exposure Limits:

The Current is :

ANSI STANDARD ANSI/IEEE C95.1-1992:

MAX. LIMIT IS 1.1 mW/cm^2

PROPOSED FCC STANDARD:

NPRM- 93-62

PROPOSED STANDARD .22 mW/cm^2

REALITY:

CURRENT:

A 16 DBI GAIN CENTERED AT 28 MG. AT 1500 pep:

22M in HORIZONTAL DIRECTION @ 24 HR CONTINUOUS DUTY IS THE
MAXIMUM PERMISSABLE ACCORDING TO THE CURVE.

PROPOSED:
42 M in HORIZONTAL DIRECTION @ 24 HR CONTINUOUS DUTY IS THE MAXIMUM
PERMISSABLE ACCORDING TO PROPOSED CURVE

WHERE YOU OBTAIN ADDITIONAL INFORMATION:

I have gathered alot of data on this subject, I can reply to those
who need more info.

A little background:

I am a neighbor to an EXTRA AND A NO-CODE.

My home is in a direct horizontal plane to the <hf>beam.

All data was gathered from FCC, and ANSI.

All data is available in print form from GPO.

OR, I can send just the current and proposed curves to you in .GIF
format...

Some clippings:

First of all do you have our OET Bulletin No.56 and OST Bulletin 65? If you
do not have them, ANSI tel. 212.642.4900 or IEEE 800.678.IEEE

--
Q 4. What are the potential effects, long and short term, of the radiation coming from the transmitter?

A See OET Bulletin 56 pages 4-6

Q 5. Do these effects warrant considerations with respect to sitting and safety, considering the antenna does point at my house, when used at full power?, and is it common for directional antennas to " point" directly at "structures" for 1500 watt output with considerations for an occupant who may not be aware it is happening?

A The effects of RF radiation have been taken into effect based on our current RF Guidelines and proposed guidelines. These guidelines created by the IEEE/ANSI are based on the latest Studies, Ideas, Papers and evidence submitted by private industry, Universities, the Military, and other public working groups. (See pages 6-9 of OET 56).The proposed guideline for which we are basing our predictions on has a factor of 50 built into it. The graph and calculations are for continuous exposure.

Here are some consulting firms in the Washington
DC area that do measurement work they might know of someone in your local area.
Jules Cohen & Asso. Po Box 18415, Washington DC, 20036-8415 (202)-659-3707
Lohnes & Culver 8309 Cherry Lane, Laurel Md 20707-4830 (301)-776-4488
Cohen Dippel & Everist 1300 L St NW Sute 1100, Washington DC,20005
(202)-898-0111

Where are the various hot spots WRT tower, antenna, and slopers? Can you show me graphically how strong the side lobes of radiation are coming in front of the main beam?, and behind it?

A This information is not known. All cases are different as to where, how much RF radiation they are exposed to. The closer you are to the antenna the more of the RF radiation field you are in. There are a lot of factors to consider so there is no generic graph. If you are standing in front of a directional antenna you are in a higher field than standing to the rear of the antenna. At the sides of the beam antenna the signal is greatly reduced also. Slopers radiate bi directional front and back equally and little from the sides.

>> Could you plot a graph of power density exposure over time, or how long it would take to exceed the exposure limits for a given range to the transmitter? (make graph as a function of time, ex.: dW//dt | dS/dt ?)

A The program we use is called MSAM it is available from the National Telecommunications Information Agency, U.S. Department of Commerce. They can be accessed by telnet at FEDWORLD. Or FTP NTIAOSM1.NTIA.DOC.GOV pub\msam.

for additional information or net pointers please email:

dhoyt@dhoyt.win.net

149. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 04:42:34 UTC
From: pazar@sr.hp.com
Message-ID: <3ed8vq$8mn@canyon.sr.hp.com>
Source record: 253830

Cleve,
The real question is "is 6 meters for me"? That depends a lot on
the sort of conditions you like. 6 meters has been one of my favorite
bands for over 20 years. The reasons I like it are that there is
usually very little activity unless (very important...) propogation
is good. For years I ran RTTY on 6 meters AM with a group of local
RTTY fanatics. QRM was unheard of! Later, at the top of the
sunspot cycles, I enjoyed SSB, and FM (52.525MHz, simplex). It
is quite a kick to work Arkansas from Florida with 2 watts on
FM!!! I would strongly suggest you see how much activity there is
locally before spending big $$$'s because things only really get
'interesting' around the peak of the sunspot cycle. Also, there
are a few repeaters on 6 these days...

Oh yeah...transmitting on the 6 meter band WILL cause TVI, especially
if you have channel 2 in your area. Television channel 2 is adjacent
to '6', and TV front ends are notoriously broad. :-(Something to
consider.

****
* STEVE PAZAR DoD #702 Kawasaki KZ440A
* E-mail: pazar@sr.hp.com
* Ether: WA4DUT/6
* Stupid is forever, ignorance can be fixed...
****

150. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 05:12:18 UTC
From: tkc@ins.infonet.net
Message-ID: <3edani$hup@insosf1.infonet.net>
Source record: 254011

In article <cmassey-0301952209530001@dal47.onramp.net>, cmassey@onramp.net (cleve e massey) writes:
>Ok here is a chance to get it off your chest...is six meters worth the
>time and money to get into???
>Read a good book on "The Magic Band" and the author makes it sound like
>the next ham heaven...not much QRM...polite operators and gear that still
>be had for reasonable $$$ used and antennas easy to build.
>So let me know...I can work all the bands but find not having a lot of
>time, I thought concentrating on six meters might be a good way to be
>active, focused, and enjoy ham radio like I used to.

Now think of TVI and what you are going to do about it!
73 DEAN WB0TKC

151. Re: Repeater questions in KY/OH area.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 05:42:43 UTC
From: "Henry C.Gernhardt", III <73201.1256@CompuServe.COM>
Message-ID: <3edcgj$3jb$1@mhadf.production.compuserve.com>
Source record: 254018

Walter --

In response to your question concerning linked repeater systems, the one I am most familiar with uses a large number of low-to-medium profile recieve sites, which use a "voting" system that determines which recieve site is recieving the strongest signal. The strongest signal is then transmitted (how I don't know, probably a 440 or similar link) to one or more high-profile transmit sites. This transmit site then repeats the information on the output frequency. This is probably the easiest method to implement a repeater network.

The Phelps machine (147.090+) in Phelps, KY, often has a recieve-only link operative for what I believe is the same repeater system you are mentioning. If you listen, you will notice that the courtesy tones are actually morse characters at about 18WPM or so. By learning the correlation of characters to positions, you can figure out roughly where a given signal is coming from.

Which areas of KY/OH are you searching for repeaters? I live in the Ashland, KY, area, and know of these repeaters: 147.240+, 147.940-, 146.640-(WV), 146.715-
Also, consider purchasing an ARRL Repeater Directory. ($6)
--Henry C. Gernhardt, III KE4PIB

--
Henry C. Gernhardt, III
ARS: KE4PIB

152. Ham History, Your Recollections?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 06:01:00 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3eddis$lvn@ixnews2.ix.netcom.com>
Source record: 253835

I became a licensed ham in 1992 at 61 years of age. Thus I have lived through but was not active in the early days (old days?) of amateur radio. As a Boy Scout I did visit a ham shack in 1947-48. It was filled with WW II radio gear and QSL cards were displayed on the walls.

Now I am reading the 50 year history articles in the January 1995 issue of "CQ" magazine and find them very interesting. I'm a bit of a history buff in several areas.

Have you read those articles? What is your reaction to them? What are your recollections of those early days? Please share with us newcomers.

I would like to read your recollections of those years posted in this newsgroup so that I and others may gain a greater understanding of our hobby.

Thank you, Arthur, N1NhZ, Member
Boston (MA) Amateur Radio Club, 73

153. ham, HAM, hmmm

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 06:35:26 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3edfje$9h6@geraldo.cc.utexas.edu>
Source record: 254022

After going through the ham/HAM thing yet again,

copeland@fohnix.metronet.com (Charles Copeland) innocently asks:

>>What is the origination of the term HAM referring to radio operators?

I dunno, but can I use an HT on a commercial airliner?

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

154. Re: RTTY using SoundBlaster ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 06:46:35 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3edg8b$drd@hummin.sol.net>
Source record: 253836

Robert A. Buaas (buaas@wireless.NET) wrote:
: Anyone know of using the Sound Blaster or Sound Blaster Pro DSP card
: as a RTTY send/receive interface? If so, direct email appreciated.

: Thanks in advance. Happy New Year everyone.

: best regards/bob K6KGS buaas@wireless.net

Please post a summary here.....others might be interested too....

--
****
FROM THE "HOLE": THE RF DIODE / / /
/ / /
GARY SCHWARTZ K9GS / / /
INTERNET: garyk9gs@solaria.sol.net /======/=======/
PACKET: K9GS@WA9KEC.WI.USA.NOAM / /| /
SNAIL MAIL:W328 S8072 HICKORY NUT LN. / / | /
MUKWONAGO, WI 53149 / / | /
USA |
73 and keep your stick on the ice
#**#

155. KAM to Kenwood TA205AT HT Interface

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 07:07:40 UTC
From: dbledsoe@netcom.com
Message-ID: <dbledsoeD1vD4t.6M3@netcom.com>
Source record: 253834

I need to get the correct connector wiring to allow a KAM TNC to properly key a Kenwood TA-205AT HT for packet use. If you have the wiring scheme, please send it to me via E-Mail. Thanks ... and best 73's ...

Don Bledsoe, WB6LYI dbledsoe@netcom.com

--
Don Bledsoe, WB6LYI dbledsoe@netcom.com

156. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 07:33:34 UTC
From: ajbutler@ins.infonet.net
Message-ID: <3edj0e$baq@insosf1.infonet.net>
Source record: 254023

In article <3ed8vq$8mn@canyon.sr.hp.com>, pazar@sr.hp.com (Steve Pazar) writes:
>Cleve,
>The real question is "is 6 meters for me"? That depends a lot on
>the sort of conditions you like. 6 meters has been one of my favorite
>bands for over 20 years. The reasons I like it are that there is
>usually very little activity unless (very important...) propogation
>is good. For years I ran RTTY on 6 meters AM with a group of local
>RTTY fanatics. QRM was unheard of! Later, at the top of the
>sunspot cycles, I enjoyed SSB, and FM (52.525MHz, simplex). It
>is quite a kick to work Arkansas from Florida with 2 watts on
>FM!!! I would strongly suggest you see how much activity there is
>locally before spending big $$$'s because things only really get
>'interesting' around the peak of the sunspot cycle. Also, there
>are a few repeaters on 6 these days...
>
>Oh yeah...transmitting on the 6 meter band WILL cause TVI, especially
>if you have channel 2 in your area. Television channel 2 is adjacent
>to '6', and TV front ends are notoriously broad. :-(Something to
>consider.

Cleve,

What Steve says here about activity is true. There are long periods of quiet and then for a few hours the band opens and it is a blast. Being in Iowa and having the band open up really is neat because this end is the busy end of a pile-up. I and another operator in the next grid square north set up about 25 kHz apart and work the people directing them towards each other as we are about the only operators in the two grid squares on a regular basis. There are others that are active during contests but not the rest of the time. The best way to find the activity on the band is to leave a radio on the calling frequency all the time and squelch it. When the squelch breaks the band is opening.

Now in my situation the local TV channel 2 is not a problem. I run 10 watts into a 5 element beam at 40 feet and my TV antenna is 20 to 30 feet away and there is NO interference between my transmitter and the TV set on channel 2. Now if you run high power there is the likelyhood of TVI. But on 6 you do not need the hight power when the band opens up. I have run 3 watts on CW into 3 elements at 6 feet and got through a pile up to Texas. The other hams that were in the area couldn't believe that I was able to do that. It's fun too watch peoples reaction when you do something like that.

As for radios I got an Icom 551 for 175.00 dollars at an auction because everyone was afraid of TVI.

Good luck on your decision and hopefully this information will help you out some.

A J Butler
AJButler@ins.infonet.net
KA0IES

157. Re: how do you exchange QSL cards ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 08:14:15 UTC
From: pwalker@mbi.moody.edu
Message-ID: <pwalker.248.00812533@mbi.moody.edu>
Source record: 253850

In article <hw34Iov.wcoyle@delphi.com> wcoyle@delphi.com writes:
>One thing when QSL ing to consider is that if you work a
>novice, or a new general op, that person may not have QSL's
>printed up yet. By the time I got my QSL's printed, I had
>racked up over 100 QSO's and I had allready recieved about 20
>cards. Some other things to consider in the QSL game
>
> Some Novices and Techs are NOT in the callbook yet, so I
>have to wait to get a QSL before sending one.
>

100% agreement with your thoughts on the subject. One point on the new hams (Novice/Tech), though. I guess some would consider that I go to extreme lengths to get a QSL to a new ham. To me it is a rare pleasure to be a Novice or Tech Pluses first contact on CW and I would do most anything to get a confirmation of the contact in their hands. It is very frustrating holding onto these cards waiting for the quarterly updates of the callbook to appear. And every quarter, I send out 20-25 cards to these new hams welcoming them to the hobby. To receive a response back from them is an even greater pleasure. Most of the time they aren't expecting anything and are ecstatic to receive something.

If you want a good CW ragchew, do it in the Novice bands - you still meet interesting people, and you will probably be encouraging someone to upgrade.

It is unfortunate that QSLing is becoming a lost art. Now people are arguing whether the QSL you treasure is valid or not. I can remember not too long ago a discussion about QSLs being valid based upon if it followed a meaningful QSO or if it was just to secure "wallpaper" down the road. I do both and I treasure both.

73 es cul de N9WHG
pwalker@mbi.moody.edu
n9whg@ka9ylv.#nwin.in.usa.na

158. Re: Using JVFAX70 with HAMCOMM interface?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 08:32:01 UTC
From: bcieslak@mkelan5.remnet.ab.com
Message-ID: <bcieslak.48.0008888E@mkelan5.remnet.ab.com>
Source record: 253865

In article <F15B564165051B81@snypotvx.bitnet>
COLERK%snypotvx.BITNET@UBVM.CC.BUFFALO.EDU writes:>From:
COLERK%snypotvx.BITNET@UBVM.CC.BUFFALO.EDU>Subject: Using JVFAX70 with HAMCOMM
interface?>Date: 30 Dec 94 03:09:00 GMT

Roger keep us posted...there are a few us out here ready to make the same step
in bringing up JVFAX. Do you receive in color? If so what video card do you
have and are you using the VESA driver?

Brian AE9K

>Greetings....

>When all else fails..ask the question! I've just "attempted" to assemble
>the HAMCOMM interface for use with the JVFAX SSTV program. He mentions in
>the docs for JVFAX that the HAMCOMM interface works quite well, at least I
>think that is what he said....anyhow the "receive" portion works as
>advertised, however, I'm having problems with the "transmit" circuit....I
>have checked and checked my work and as best I am able to determine I have
>it on the board correctly...the problem being when I bring up JVFAX my
>transceiver goes into transmit! Unfortunately I'm an appliance operator
>so I've probably missed something quite obvious to anyone else....I've
>read the docs on JVFAX and "I think" the program wants to use DCD, RI, CTS,
>and DSR to drive the interface....however, the HAMCOMM interface uses TXD,
>RTS, DSR, DTR, and Ground. Sooooo the question is can I use the HAMCOMM
>interface as described in the HAMCOMM docs and mentioned in the JVFAX docs,
>as is or do I have to modify the interface....? It doesn't work correctly
>but I can't determine if I've done something wrong or if the interface just
>won't work as is. This is all new to me but I had to start somewhere.
>Thanks in advance for any replies and apoligizes to those folks who will
>just shake there heads and think how dumb can I guy be! 73...Roger.

159. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 08:55:07 UTC
From: stevemac@bud.indirect.com
Message-ID: <D1vl3v.449@indirect.com>
Source record: 253857
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

Not so very long ago, copeland@fohnix.metronet.com (Charles Copeland) said...
>What is the origination of the term HAM referring to radio operators?
>
>Is it an abbreviation or word?

It's now a word, as in "ham radio" = amateur radio, as a hobby.
It is the first letter of the last name of each of three amateur radio
pioneers, according to some ham radio information I read some decades
ago, but I don't recall ever reading what those three names actually were.

--
==----= Steve MacGregor
([.] [.]) Phoenix, AZ
-------------------------oOOo--(_)--oOOo---------------------------------
I back the metric system every 2.54cm of the way!

160. High Voltage Caps Sources

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 09:08:11 UTC
From: talisman@crl.com
Message-ID: <3edohr$jg3@crl7.crl.com>
Source record: 254027
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

I need high voltage (500 - 2,000 VDC, higher voltage preferred) caps.
(approx. 180 pf & 360 pf, approx. =< 10% tol.) for a special project.
Does anyone have a source where I can purchase 50-100+ capacitors?

Thanks for your help.

Please respond directly to: Jim <talisman@crl.com>

161. Looking for tpk-182.zip

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 09:37:13 UTC
From: pierre@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3edq89$f1c@itu1.sun.ac.za>
Source record: 253979

I am looking for a ftp site for tpk-182.zip file or somebody who could e-mail
it to me.

Thank's
Brian (zs2ss)

162. CQ RF Design Engineers for Atlanta GA jobs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 10:52:10 UTC
From: ptreepw@crl.com
Message-ID: <3edukq$ncn@crl12.crl.com>
Source record: 254002

I am looking for several RF Design Engineers and RF Technicians for several
Atlanta, GA. companies that look highly upon Amateur Radio experience.
If you or someone you know might be interested, please email or phone me
at the addresses listed below.

73 de
Steve Nissen
AA4IA

Mr. Steve Nissen
Managing Partner,
Technical Software Recruiting
ptreepw@crl.com

FAX (404) 945-1995
Voice (404) 682-7252

Peachtree Peopleware, Inc.
6050 Peachtree Parkway
Suite 340-199
Norcross, GA. 30092

Peachtree Peopleware, Inc. is an Atlanta, GA. based technical search
and contract services firm. We are a "Employer Fee Paid" technical
search firm. We welcome all referrals.

163. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 11:27:23 UTC
From: anno4000@w172zrz.zrz.TU-Berlin.DE
Message-ID: <3ee0mr$b6e@brachio.zrz.TU-Berlin.DE>
Source record: 253844
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In alt.usage.english article <D1unu3.LJw@dorsai.org>,
Robert Bryan Lipton <lipton@news.dorsai.org> wrote:
>Charles Copeland (copeland@fohnix.metronet.com) wrote:
>: What is the origination of the term HAM referring to radio operators?
>
>: Is it an abbreviation or word?
>
>It is derived from 'amateur.'
>
>Bob

Webster's Ninth gives a different derivation.

ham n
[...]
3 [short for hamfatter, fr. ``The Ham-fat Man,'' Negro minstrel song]
a: a showy performer; esp: an actor performing in an exaggerated
theatrical style
b: a licensed operator of an amateur radio station

They don't say how "hamfatter" got to be applied to a radio operator.

Anno

164. Re: Using JVFAX70 with HAMCOMM interface?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 12:33:25 UTC
From: schro@norton.sni.de
Message-ID: <3ee4il$8s4@nanette.pdb.sni.de>
Source record: 253846

The HamComm interface as described in the manual for HamComm 3.0 works fine with JVFAX 7.0. Of course you have to tell it about the type of interface. Start JVFAX, go to the 'Config' screen and set the interface type to HAMCOMM. This should fix your PTT problem. For TX tones thru the COM port select 'serial audio'.

73 es 55 de Django DL5YEC
(HamComm expert :-)

165. Tire QRN, how to cure?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 12:38:26 UTC
From: rc@itchy.ncsl.NIst.GOV
Message-ID: <9501041238.AA05579@itchy.ncsl.nist.gov>
Source record: 254014

Ok all you bright folks, I have a problem!

I bought new tires for my car and now have "sizzling" QRN on some road surfaces. That's on the AM broadcast band. No such trouble with the old Michelin tires, but the new Pirelli 300 ones have the problem; same stations same places as before.

The noise goes away when brakes are applied, thus really grounding the moving part of the axle/wheel assembly. I know that QRN from static electricity arcing across wheel bearings was a fairly common problem in the Bad Old Days (BOD), but I doubt if that could be the problem since only the wheels were removed in the tire swap.

Could the new tires be slightly piezoelectric? The noise is worse on a jiggly road.
v-- see above
I vaguely remember some magic conductive powder from the BOD which was to be blown into tires to cure this type of noise. DOES IT STILL EXIST? ANY OTHER SUGGESTIONS? I watched while the tires were changed, so don't think that there was any accident in jacking the car.

Any and all suggestions welcomed.

73 de Bob w3otc@amsat.org

166. Amateur Radio Newsline #907 30 Dec 94

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 12:53:49 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <Tff2lGG8yPaU075yn@dorsai.org>
Source record: 254020
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Newsgroups: rec.radio.info,rec.radio.amateur.misc,sbay.hams

SB NEWSLIN @ ALLBBS $NLIN.907
Amateur Radio Newsline #907 03 Jan 1995

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BBS Networks - Steve Coletti (within the conference/echo) or
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(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)

- - - - - -

NEWSLINE RADIO - CBBS EDITION #907 - POSTED 01/02/95

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The following is late news about Amateur Radio for Radio
Amateurs as prepared from NEWSLINE RADIO scripts by the staff of
the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO
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In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440

In bulletin number 6 of the ham radio conference
Delphi.....
In the ham radio conference
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For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an SASE at P.O. Box 463, Pasadena, CA 91102.

Thank You
NEWSLINE

(**********

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!

(**********

[907]

The following advisory is not necessarily for broadcast.
This is just a reminder that the address for the Newsline Support Fund is Newsline, in care of Andy Jarema - N6TCQ, Post Office Box 660937, Arcadia, California 91066. Again, and as always, we thank you. This ends the closed circuit with Newsline report number 907 for release on Friday, December 30, 1994 to follow.

The following is a QST

A communications industry group says it's time for the FCC to show local governments who's the boss on radio matters. The EAA wants federal regulation to stop any and all local radio frequency interference rules. Also, a new Russian ham satellite is in orbit and operation from Palestine may not count for DXCC. These stories and more on Newsline report number 907 coming your way right now!

(*****
LOBBY GROUP PROPOSES FEDERAL BAN ON LOCAL RFI LAWS

If a Washington-based communications trade association gets its way, state and local regulation of radio frequency energy matters will be a thing of the past. Instead, jurisdiction on any issue involving RF should rest with the FCC. That's what the Electromagnetic Energy Association says must happen if new technologies are to be developed. As Newsline's David Black, KB4KCH, reports from our Southeast Bureau in Alabama, what the Association wants could have a major impact on amateur radio. This could be the start of sweeping new rules that take away power by local governments to regulate radio frequency issues. The Electromagnetic Energy Association is made up of some of America's leading communications and telecommunications companies. The EEA says existing technologies are on a collision course with increasing state and local RF energy regulation. Amateur radio operators will be watching this one with interest.
Don Stoner, W6TNS, is past president of the National Amateur Radio Association. He says what the Energy Association wants could give hams new ammunition when fighting locally imposed operating restrictions. Stoner says he's backing the Energy Association 100-percent.
Without FCC preemption, the association says technologies including advanced television, digital audio broadcasting, and personal communications services cannot be fully realized. In a December 22nd petition, the Association asks the FCC to issue a Further Notice of Proposed Rulemaking on the matter. EEA Chairman Jesse Russell calls FCC preemption of state and local regulation of RF energy something whose time has come.
The EEA says FCC preemption is warranted whenever local laws obstruct the intended social, technological or economic benefits of continued service or future advancements in communications.

(*****
RS-15 IN ORBIT

The new Russian Radiosport 15 satellite is in orbit and on the air. According to information supplied by Leonid Labutin, UA3CR, RS-15 was launched on December 26th at 03:00 UTC into a 64 degree inclination orbit with a period of 124 minutes 24 seconds. The apogee and perigee distance from earth were stated as 1946 and 1809 kilometers respectively.

(*****
DX - PALESTINE ZC6B UPDATE

Don't look for the December 11th, ZC6B operation to be counted for DXCC credit. This is because the call sign has not been valid since July of 1968. That's when the ZC6 prefix was deleted from the DXCC countries list. While the operator who is identified as Dr. Sammi Tarazi has reportedly sent the paperwork for this operation to the ARRL under the current DXCC rules it is unlikely

that DXCC credit for Palestine using the ZC6 prefix can be reinstated. This is because the allocation list of international call signs shows that the prefix ZC6 is legally allocated to the United Kingdom of Great Britain and Northern Ireland.
Even if no DXCC credit is granted the QSL card from that operation is truly a collectors item. If you were lucky enough to contact ZC6B, QSL to Dr. Sami Tarazi, Box 1008, Gaza, Palestine via Israel.

(*****
NEO NAZI PACKET

A South American Neo-Nazi ham radio group is spewing message of hate out onto the worldwide packet radio airwaves. Amateur radio operators throughout north America are outraged by a message originated under the call sign PP5SH that endorse the so called "Skin Head" movement and other fascist doctrine.
The pro-Nazi posting was transmitted into the worldwide packet network through the PY2GN Sat Gateway in Brazil. It herald the return of fascism to rule the world.
While many SySops tried to kill the pro-Nazi posting as soon as it appeared, the sheer volume and duplicity of routing is making censorship of this messages an almost impossible task.

(*****
ORACLE TO NZART: READ OUR LIPS!

ORACLE, New Zealand' Organization Requesting Alternatives through Code Less Examinations has told that nations national Amateur Radio society that it plans to continue its lobbying efforts to overturn mandatory Morse Code testing. The lobby group has also issued a policy paper that takes to task the position of the New Zealand's Amateur Radio Transmitters. As reported last week, the NZART endorses continuing the status quo.
Specifically, ORACLE says that the NZART statement does not accurately reflect the actual position of Morse code policy in New Zealand. Rather it reflects a conservative view of the national ham radio society.
With regard to the Minister of Communications letter to NZART also reported on by Newsline, ORACLE Managers say that the response says that the ministry is open to further discussion on this matter. They note that the Minister is legally the Government spokesperson for amateur radio. ORACLE interprets his words as meaning it would be unwise to adopt the three very specific positions recently proposed by the NZART.
ORACLE notes that the letter shows that the New Zealand Government has a more progressive view of amateur radio than appears to be the case for NZART or the IARU on Morse code policy. It believes that there can be a change at such time as evidence of significant opinion is produced.
Finally, ORACLE says that it is recognized by the New Zealand

Government on this issue. It guarantees it will be active in producing evidence in support of abolishing Morse Code testing worldwide.

(*****
2400-MHz COMMENTS FILED BY ARRL

The ARRL has filed comments on an FCC notice of proposed rule making, in ET Docket 94-32, a proposal to reallocate a block of spectrum from federal government to commercial use. Some of that block includes parts of the 2400-MHz band shared by Amateur Radio on a secondary basis with the government.
The ARRL asked that the Amateur Service be given primary allocation status at 2402 to 2417 MHz, and that it be given at least co-primary status at 2390 to 2400 MHz.
The League also said that because a previous government study had recommended the 2400 to 2402 MHz segment for amateur use, it would be desirable to make the entire segment 2390 to 2450 MHz amateur primary.
The ARRL notes that any fixed or mobile service station that is granted an assignment at 2390 to 2400 MHz, must be required to protect the Amateur Service from interference and must tolerate any interference received from amateur stations.
In summation, the League requested that the FCC not make any additional allocations in the 2390 to 2417 MHz band. Rather it wants to have Amateur Radio made the primary allocation status in that band.

(*****
HAM SCOUTING NEWS

Dates have been set for the 1995 Jamboree On The Air operating event. JOTA is an annual event in which Boy Scouts and Girl Scouts and Guides from all over the world speak to each other by means of Amateur Radio. JOTA 1995 will take place Saturday October 21, 1995 at 00:01 hours local time to Sunday October 22 at 23:59 hours local time. For more information, contact the ARRL Educational Activities Department.

(*****
K6IR HONORED

The Quarter Century Wireless Association, the QCWA has named Kenneth Miller, K6IR, of Rockville, Maryland as recipient of its Distinguished Service Award for his "engineering accomplishments and his leadership of the Radio Club of America Scholarship Program."
Millers professional career spans over four decades in the executive management and development of products in the electronic equipment manufacturing business segment of industry in the United States, Europe and Asia. In his role as an executive with Lear Jet, Motorola, American Standard, the Singer Company and other

well known corporations, K6IR participated in the production and marketing of a broad array of high-tech electronic products including airborne and ground based communications, navigation instrumentation and digital communications devices.
The award was presented to Miller at the recent QCWA National Convention in El Paso, Texas.

(*****
NEW 2 METER TROPPO RECORD

In DX, new tropospheric ducting, continental distance record has been reported on the 2 meter band. This, on November 5th when Rene Shaw, WB4MJE, of Big Pine Key, Florida, and Serge Spilfogel VE1KG, of Halifax, Nova Scotia worked over a 1687 mile path. The previous record was 1468 miles was set by K5WXZ and K1RJH. It had stood since October of 1968.

(*****
DXCC LIST

Also a reminder from the American Radio relay League that the annual DXCC list will not appear in QST magazine. Rather, look for it in the 1995 DXCC yearbook due out in February. Anyone who made a DXCC submission during the past twelve months will automatically receive a copy.

(*****
CABLE PIRACY SENTENCE

The National Cable Television Association's anti-piracy division is praising an Arkansas judge's decision requiring a man convicted of cable copyright theft to pay a record $2.7 million in restitution.
Jan Gregory Manzer, who went by the alias V.C. Hacker, was fined the $2.7 million and sentenced to 46 months in jail in U.S. District Court in Hot Springs, Arkansas after being convicted of illegally modifying General Instruments VideoCipher descramblers. He was also found guilty of constructing satellite receivers with software that allowed other dealers to receive unscrambled signals.
Jim Allen, who heads up the NCTA's office of cable signal theft says that operations like Manzer cost the cable and satellite industry billions of dollars a year in stolen programming services. The message of this court decision is that cable piracy leads to jail time."
At the Manzer sentencing hearing, representatives of HBO and Cable Home Communications Corp. testified that Manzer's actions cost the industry millions in lost revenue.
Manzer is expected to appeal.

(*****

And for this week and for this year, that's all from the Amateur Radio Newsline. You can write to us at Post Office Box 660937 Arcadia, California 91066.

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--

167. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:14:00 UTC
From: zlau@arrl.org
Message-ID: <1995Jan4.131400.24754@arrl.org>
Source record: 253838

WA4DUT/6 Steve Pazar (pazar@sr.hp.com) wrote:

: Oh yeah...transmitting on the 6 meter band WILL cause TVI, especially
: if you have channel 2 in your area. Television channel 2 is adjacent
: to '6', and TV front ends are notoriously broad. :-(Something to
: consider.

If Channel 2 is ridiculously loud, it is entirely possible you won't
have a problem. I know hams in Honolulu have been able to operate
6 meters with Channel 2 in the area (short LOS path to most viewers).

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

168. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:32:06 UTC
From: 00nzwilliams@bsuvc.bsu.edu
Message-ID: <1995Jan4.083206.38751@bsuvc.bsu.edu>
Source record: 253851
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In article <3ecd7f$i3g@fohnix.metronet.com>, copeland@fohnix.metronet.com (Charles Copeland) writes:
> What is the origination of the term HAM referring to radio operators?
>
> Is it an abbreviation or word?
>
> --
> --
> | There are two types of people in this world, those who separate |
> | people into groups,and those who don't. copeland@metronet.com|
> --
--

Try "An Hamateur." ;-)

Nyal Z. Williams
00nzwilliams@bsuvc.bsu.edu

169. IOTA

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:38:00 UTC
From: jesposit@sctcorp.COM
Message-ID: <m0rPVuo-0003PhC@sctladm.sctcorp.com>
Source record: 253842

Darrell, NR3Y, asked about whether or not IOTA material is copyrighted. I believe that the RSGB claims that it is. Nonetheless, to receive any of the IOTA awards, it is necessary for the applicant to have their own officially-obtained IOTA directory. Inside each directory is a unique registered number assigned only to that applicant by the IOTA Administrator. That number must be included with each submission for award credit. I hope this has shed some light on the program. An excellent article on the program was published in CQ or QST within the last two years. You might want to research it.

73,
Joe, K2YJL/M

170. Re: Price Police

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:39:00 UTC
From: kac4828@ariel.lerc.nasa.gov
Message-ID: <4JAN199509394518@ariel.lerc.nasa.gov>
Source record: 253839
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <marcbg-2712941328420001@net205.metronet.com>, marcbg@metronet.com (Marc B. Grant) writes...
>Whew. I knew I'd receive mail on this, but the magnitude is amazing. As
>many can tell, I am merely trying to raise this issue, since I've never
>seen it presented here before.
>
>As for the comments I've received as to Hamfest pricing, it's alot
>different when you're dealing with someone in person - at least you
>usually respect them, even if they are trying to sell a HT-101 for $950.
>You may wonder what they've been smoking, but at least you look at the
>price and move on, scratching your head.
>
>Another valid sentiment I received is to simply ignore the comments and
>keep on chuckin' - which is what I've been doing for three years now. I
>think with the advent of AOL, CIS, and the general internet explosion, we
>have more traffic, and despite the Usenet Sale Guidelines (which no one
>seems to read anymore!) there's alot of extraneous comments about pricing
>which just seem downright rude.
>
>I've changed my tune on one item - IMHO, it's alright for the person
>complaining about the price to post an email and newsgroup message - but
>for crying out loud, do so in good taste! It IS a good method for those
>unaware of pricing to see the general flow of things and determine for
>themselves if the item is overpriced.
>
>Don't get me wrong - I'm not for ripping anyone off - never have and never
>will be. But, there's fair pricing, there's outrageous pricing, and then
>there's pricing that makes you wonder if you'll burn your hand when you
>touch the unit.
>
>If this discussion turns a light on in one person, then I've accomplished
>what I was after - raising the consciousness of sellers AND buyers on the
>net concerning pricing, courtesy, and common sense.
>
>--
>Marc B. Grant
>marcbg@metronet.com
>Amateur Radio N5MEI

There is one item I would like to add to this thread. Hopefully it does
not apply to any of us :)

I have seen a number of older HF rigs advertised at close to what they
cost new! I realize with inflation and the cost escalation of new rigs

that a good price may be a little more, but:

When someone advertises a 'Great Novice Rig' and it costs as much as it did new, a newcomer needs a good elmer to help him in purchasing the right rig at a fair price.

It does not do much for this great hobby if a newcomer finds that they paid to much for their first rig. I think in this case the price police are justified in their followup postings.

Just my thoughts.

Tom NG3Q

171. How to Find Your Grid Locator

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:41:53 UTC
From: rc@itchy.ncsl.NIst.GOV
Message-ID: <9501041341.AA05591@itchy.ncsl.nist.gov>
Source record: 253852

There will surely be two dozen postings responding to the recent question,
but here is the 25th....

How to find you grid locator....

1. The hard part: Find the geographic coordinates of your station. Use USGS
quadrangles, or NOS Sectional Aeronautical Charts, or borrow a GPS
receiver.

2. The easy part: Convert the geographical coordinates into grid locator.
Use a Trimble GPS receiver, which reads in grids, or...There are many
convversion programs free for downloading, but it's really
too simple to bother with a program.
a) The conversion rule is "read right and then up", starting at the south
pole and international date line (180 degree longitude).
b) The locator consists of alternating pairs of letters and numbers, to
the degree of resolution desired, ie FM19JB35RS53TU....
c) The first two letters define the grid field. Each field is 20 degrees
in longitude (EW) by 10 degree in latitude (NE). Thus the field just
east fo the Date line, running north from the south pole is AA. The
field from 80 W to 60 W and 30 N to 40 N is FM. The letters run from
A through R.
d) Each field is divided into"squares",each 2 degrees EW and 1 degree NS,
starting in the "lower left" (SW corner). They are numbered 0 thru 9.
my location is between 78 and 76 W and 39 and 40 N, thus the 4-char
locator is FM19.
e) The next pair of letters resolves each 1x2 degree square into 24x24
subsquares, each 2.5 by 5 minutes, lettered A through X, again
starting in the SW corner of the 4-char grid. My location is about
77 degrees 12.2 minutes W and 39 degrees 3.5 minutes N, or FM19JB .
f) You can continue this forever, with the numbers dividing the previous
quadrangle into 10 parts and the letters dividing it into 24 parts.

I am trying to promote the convention that any portion of the locator which is
SURE, whould be in CAPS, guessed portions in lowercase.

Europeans all seem to know their 6-character locator, while Americans - being
"geographically challenged" - seem to be lucky to get their 4-character
locator correct (just look at the crossed-out locator on my QSL card!!).

Does this help?
73 de Bob w3otc@amsat.org

de Bob w3otc@amsat.org

172. Re: Using JVFAX70 with HAMCOMM interface?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:47:22 UTC
From: dennisg@microware.com
Message-ID: <3ee8ta$ki2@mcrware.microware.com>
Source record: 253845

I use both of these programs without problems. I don't have the schematic here in front of me but it sounds like you have your RTS line high all the time. I think that is the one hooked to the PTT circuit. Anyway recheck all your connections and make sure you don't have RTS and DTR switched around. I believe those are the two key lines that control where the "Vcc" goes for rcv or xmit.

--
Dennis Gabler --o-------------------------=o=-------------------------o--
dennisg@mcrware.com KB5HVN___________|

173. Yaesu Cat Interface and Amiga

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 13:55:44 UTC
From: kstevenson@bfsec.bt.co.uk
Message-ID: <D1vw0w.M0H@bfsec.bt.co.uk>
Source record: 253841

I just aquired a new yaesu rig and I am planning to control it using the cat interface and my Amiga 500. Has anyone out there got the software? Any experiences - good or bad - cos I haven't started yet!

I would like to see something like the url page for Kentrol - the kenwood equivalent but I`m not sure if such a thing exists for the Amiga.

Many thanks in advance,

73 De Keith GI0SSA ..._._ . .

174. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 14:38:48 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3eebto$2gcq@yuma.ACNS.ColoState.EDU>
Source record: 253847

In article <3edani$hup@insosf1.infonet.net> tkc@ins.infonet.net writes:
>In article <cmassey-0301952209530001@dal47.onramp.net>, cmassey@onramp.net (cleve e massey) writes:
>>Ok here is a chance to get it off your chest...is six meters worth the
>>time and money to get into???
>
> Now think of TVI and what you are going to do about it!

Unless there's a cable system in your area, in which case you can pretty much forget about TVI. If there's no cable, you can build the filter in the ARRL handbook (in the 'Setting Up a Station' chapter) and leave the rest to the neighbors.
Galen, KF0YJ

175. RE: VESA drivers es JVFAX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 14:52:53 UTC
From: loase@iccgcc.cle.ab.com
Message-ID: <1995Jan4.095253.1@iccgcc.cle.ab.com>
Source record: 253856

JVFAX requires the computer to be SVGA not just VGA to receive color slow scan pictures.

Best Regards
Jim Loase WD8RPT

176. interesting Morse note

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 15:29:42 UTC
From: Benjamin Cox <thoth+@CMU.EDU>
Message-ID: <0j2fva200ioV08lr00@andrew.cmu.edu>
Source record: 253853

I moved last weekend, and had an opportunity to go through the many boxes of accumulated junk I have (and throw much of it out).

One box I found was my old Boy Scout stuff, including a Boy Scout Handbook from 1979-80 or so, and my uncle's "Handbook For Boys" from the late 1940s. Both books have a Morse Code table.

My book from around '79 has the listings in ".- -... -.-." form.

My uncle's book from around '46 has the listings in "dit-dah, dah-dit-dit-dit, dah-dit-dah-dit" form.

(Neither book says anything about amateur radio, though.)

--
Ben Cox thoth+@cmu.edu

177. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 15:33:25 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan4.153325.11622@ke4zv.atl.ga.us>
Source record: 253854

In article <3e3oir$anq@freenet3.scri.fsu.edu> jdgan@freenet3.scri.fsu.edu (James Ganyard) writes:
>[Kevin wrote]
>: Most, IMO, radio amateurs are happy with the "this is a hobby"
>: philosophy and are content to invest their time and money
>: ONLY on their own personal stations. As far as investing time
>: and money in linked repeater systems or packet radio nodes
>: and backbones, they are more than willing to let someone else
>: foot the bill. The "bill" is beyond the resources of a miniscule group
>: of interested radio amateurs. As a result, our internetworking
>: capabilities are truly miserable.
>
>The "this is a hobby" philosophy is the exact definition and backbone
>of amateure radio, otherwise it would be a commercial venture with
>pecuniary interests and no longer amateure.

Sorry, that might be the definition of "amateure" radio, whatever that is, but it isn't the definition of amateur radio. When people get together in voluntary cooperation, as in a church, the Red Cross, or in amateur radio groups, it's not a commercial venture. It's a voluntary cooperative activity to enhance the public good, or service, that can be supplied by group efforts over that which can be provided by individuals acting alone.

What Kevin appears to be lamenting is that too many amateurs treat the service, and their participation in it, as "just a hobby" instead of as a voluntary enterprise intended to advance the public and national interest as outlined in the charter of the amateur radio service in Part 97.1.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

178. Re: ham, HAM, hmmm

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 15:35:12 UTC
From: dbushong@wang.com
Message-ID: <D1w0Mr.Iox@wang.com>
Source record: 253867

oo7@astro.as.utexas.edu (Derek Wills) writes:

>After going through the ham/HAM thing yet again,

>copeland@fohnix.metronet.com (Charles Copeland) innocently asks:

>>>What is the origination of the term HAM referring to radio operators?

>I dunno, but can I use an HT on a commercial airliner?

Only if you aren't posting a cookie recipe via packet.
--
Dave Bushong
Wang Labs

179. Re: Using JVFAX70 with HAMCOMM interface?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 15:44:16 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3eefog$nrj@fohnix.metronet.com>
Source record: 253866

In article <bcieslak.48.0008888E@mkelan5.remnet.ab.com>,
Brian C. <bcieslak@mkelan5.remnet.ab.com> wrote:
>
>
>In article <F15B564165051B81@snypotvx.bitnet>
>COLERK%snypotvx.BITNET@UBVM.CC.BUFFALO.EDU writes:>From:
>COLERK%snypotvx.BITNET@UBVM.CC.BUFFALO.EDU>Subject: Using JVFAX70 with HAMCOMM
>interface?>Date: 30 Dec 94 03:09:00 GMT
>
>Roger keep us posted...there are a few us out here ready to make the same step
>in bringing up JVFAX. Do you receive in color? If so what video card do you
>have and are you using the VESA driver?

JVFAX does not display in color, but does receive in color. After
receiving a SSTV picture, pull it up with cshow and its in color.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|
----

180. Re: Old ARRL DX Bulletins wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 15:58:42 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <789235122snz@g4kfk.demon.co.uk>
Source record: 253858

Hi Paul,

> Reply via e-mail to pbock@melpr.esys.com

Well - I did try - but I didn't get very far. Anyway, let's hope it
reaches you in the newsgroup instead...

----- Transcript of session follows -----
550 melpr.esys.com (TCP)... 550 Host unknown
554 <pbock@melpr.esys.com>... 550 Host unknown (Valid name but no data [IP address])

----- Recipients of this delivery -----
Bounced, cannot deliver:
<pbock@melpr.esys.com>

----- Unsent message follows -----
Received: by igate1.melpar.esys.com id AA17215
(5.67a/IDA-1.5 for pbock@melpr.esys.com); Wed, 4 Jan 1995 10:46:16 -0500
Received: from post.demon.co.uk(158.152.1.72) by igate1.melpar.esys.com via smap (V1.0mjr)
id sma017155; Wed Jan 4 10:45:30 1995
Received: from g4kfk.demon.co.uk by post.demon.co.uk id aa25152;
4 Jan 95 15:44 GMT
Date: Wed, 04 Jan 95 15:33:55 GMT
Message-Id: <563@g4kfk.demon.co.uk>
From: "\"Mike Gathergood (G4KFK" <Mike@g4kfk.demon.co.uk>
Mmdf-Warning: Parse error in original version of preceding line at post.demon.co.uk
Organization: The CQ Centre Bulletin Board
Reply-To: Mike@g4kfk.demon.co.uk
To: pbock@melpr.esys.com
Subject: Old ARRL DX Bulletins wanted
X-Mailer: Demon Internet Simple News v1.29
Lines: 1393

Hi Paul,

> If anyone out there has copies of ARRL DX Bulletins from
> September 1994 to the present, I'd appreciate electronic copies.
> I have #77 and #72 but none of the others. Can anyone help?

I've been archiving these since October for callers to my BBS, The
CQ Centre. I'm afraid it's an international call for you, on 01144
1753 595468 or 593524.

Anyway, here goes:

SB DX @ ARL $ARLD062
ARLD062 DX news

ZCZC AE60
QST de W1AW
DX Bulletin 62 ARLD062
>From ARRL Headquarters
Newington CT October 13, 1994
To all radio amateurs

SB DX ARL ARLD062
ARLD062 DX news

The items in this week's bulletin are courtesy of Tedd, KB8NW, Bob, W5KNE, Chod, VP2ML, Glenn, W6OTC, Joe, NJ1Q, the Ohio/Penn DX Bulletin, QRZ DX, The DX Bulletin, and the Contest Corral column from the pages of QST. Thanks.

SWAZILAND. Adam, SP2JYX, signs 3DA/SP2JYX and has been on 15 and 20 meters, most of the time on SSB. QSL via CBA.

RWANDA. Hartmut, 9X5HG, will be active until about October 22, at which time he plans on leaving Rwanda. Tips include 7001 kHz around 0300z and 14025 kHz around 2030z. QSL via the DL Bureau or to his home CBA.

THAILAND. Reiner, DL2VK, will be here for approximately 6 months. He will be signing HS0/DL2VK and plans to operate primarily CW. Some Packet, AmTOR, PacTOR and SSB may be in the works.

LAOS. Minoru, JA3MNP, should be on the air from the station of XW8KPL as XW3MNP October 20 to 27, including RTTY. QSL via PO Box 59, Kyotonishi 6165, Japan.

CAMBODIA. XU7VK has been on 3506 kHz at around 1316z.

SAUDI ARABIA. Mike, K3UOC, is now working in Riyadh. If plans to obtain a Saudi license fall through, he hopes to be able to operate 7Z1AB, the station at the U.S. Embassy.

NAURU. Teo, DJ1RL, and Harry, DL6NA, should be signing C2/ their call signs by the time this bulletin hits the airwaves. Teo is the CW op and Harry likes SSB. They will concentrate on the lower bands. Try 1827/1832 kHz. QSL via the DARC Bureau or their home calls. The following three entries are their planned itinerary after Nauru operations.

FIJI as 3D2AN and 3D2FT, October 17, 18 and 19.

SOUTH COOK ISLANDS as ZK1/ their home calls, October 19 to 22.

FRENCH POLYNESIA as FO/ their home calls, October 22 to 28.

SOMALIA. SM7CIP operates T5AR with a barefoot rig and low profile antennas. His QSLs will not be printed until early 1995, so please be patient. QSL via SM0DJZ.

SYRIA. Mike, VE3UWC, is with UN Peace-keeping forces here for about 3 more months. He signs VE3UWC/4U, though little is known of his

operating habits other than to try 14220 kHz between 2130 and 2200z.

ETHIOPIA. Listen for ET3BT on the Family Hour Net at 14226.5 kHz around 2300z.

MACAO. Listen for Roger, G3SXW, and Nigel, G3TXF, around October 19 for a week of CW operating. Plans are to emphasize LF and WARC bands.

GUYANA. Listen for Eddie, G0AZT, and Glenn, W6OTC, operating RTTY as 8R1TT. Plans are to be in on the JARTS WW RTTY Contest this weekend. Check 80 through 10 meters before and after the contest. QSL via Eddie Schneider, POB 5194, Richmond, CA 94805.

ANGUILLA/SINT MAARTEN. Warren, WB1HBB, will be doing some operating while vacationing on these islands. He will sign VP2E/WB1HBB October 18 through 20, and PJ7/WB1HBB from October 21 through 28. Try 14263 kHz at 1230 and 2100z. QSL his home call.

COCOS ISLAND. TI2JJP should be on as TI9JJP October 20 to 29.

GUANTANAMO BAY. Larry, WB6VGI, will be signing KG4ML until October 21. Though 17 meters is his bread and butter, he has occasionally strayed to 30 and 40 meters. QSL via CBA.

QSL CORRECTION, or please use phonetics. Rick, AA6KS, reports that he is not, repeat not the QSL Manager for ZF8BS. The correct route is via AA6KX.

THIS WEEKEND ON THE RADIO. On the air operating events for October 15 and 16 include the Simulated Emergency Test, 36th Boy Scout Jamboree On The Air, aka JOTA, the JARTS WW RTTY Contest, QRP ARCI Fall CW QSO Party and the RSGB 21/28 MHz CW Contest. For rules and more information on these events, check pages 96 and 126 of September QST.
NNNN
/EX

SB DX @ ARL $ARLD063
ARLD063 DX news

ZCZC AE61
QST de W1AW
DX Bulletin 63 ARLD063
>From ARRL Headquarters
Newington CT October 20, 1994
To all radio amateurs

SB DX ARL ARLD063
ARLD063 DX news

The items in this week's bulletin are courtesy of Marilyn, N6VAW, Jeff, KU8E, Tedd, KB8NW, the Ohio/Penn DX Bulletin, Bob, W5KNE, QRZ DX, Chod VP2ML, The DX Bulletin and the Contest Corral column from

the pages of QST magazine. Thanks.

THE GAMBIA. The Whitton Amateur Radio Group of London plans a DXpedition to C5-land. Hopes are to operate on 13 amateur bands from 160 meters to 2.3 GHz. The Gambia is very rare on satellite and this may be the first Mode S operation from this DXCC country. Dates will be between October 23 and November 10. During the CQWW DX SSB weekend, listen for C56DX during the CQWW DX Contest. Other times they will sign C56/G0MRF. QSL via G0MRF.

BELAU/YAPP. OKDXA members Jim, WV5S, and Coy, N5OK, will sign KC6SS and KC6OK respectively from October 25 to November 2. From there it is on to Yapp in the Eastern Caroline Islands November 2 to 7, signing V63SH and V63OH. QSL via their home calls.

MADEIRA ISLANDS. Frank, DL8KWS, was signing DL8KWS/CT3 but now has the call CR9WAG. Another German op is active as DL3KUD/CT3. Both stations are very busy on CW and plan to be on the air through October 27. QSL via their home calls.

LUXEMBOURG. A group of Dutch operators will sign LX/PA3DKC on HF and LX/PA3CDI on 6 meters from October 26 to 30.

SEYCHELLES. Andres, EA4EGZ, will operate from Mahe Island October 21 to 28, with activity 40 through 10 meter CW.

PITCAIRN ISLAND. Listen for VR6MW and other VR6 stations around 0600z with a net on 7083 kHz SSB.

CAMBODIA. Europeans were working XU1MF on 18138 at 1515z on October 11. QSL via JA1JTU.

The following are planned operations for the upcoming CQWW DX SSB Contest.

NAMIBIA. Listen for N0AFW, WA0PUJ, N9NS, AH9B, NH6UT and V51GB from October 25 to November 6 as V51T. The Americans will sign V51/ their home calls before and after the contest period. QSL V51T and V51/ stations via WA2FIJ.

ANTIGUA. Members of the Frankford Radio Club, FRC, will be active as Team Antigua signing V26B. Non-contest calls will be V26A, V26B and V26E. QSL V26A via WB3DNA, V26B via WT3Q, and V26E via AB2E.

SAINT LUCIA. Members of the Southwest Ohio DX Association will be on as J6DX. Before and after the contest, from October 22 to November 5, members will be on all bands using a variety of call signs.

GUYANA. Marko, OH6DO, aka AB6NJ and VR2NJ, will be signing 8R1K. He is planning a serious Single Op/All Band effort. QSL via OH6DO CBA only.

BURUNDI. Paul, 9Q5EXV, and a few other 9Q5 ops plan to be active during the contest as 9U4U.

GUANTANAMO BAY. Jeff, WI2T, will man a Single Op effort, work schedule permitting, signing KG4JO. QSL via WI2T.

ANTIGUA. Ratko, YU1NR, will be active for 20 days starting October 26. He will participate in the contest as V28NR. QSL via YU1NR, Novakovic Ratko, PO Box 145, YU-34000 Kragujevac, Serbia.

BELGIUM. OT4T will be a multi/single effort from the QTH of ON4UN, famed author of Low Band DXing. Expect some big signals on the low bands.

REVILLAGIGEDO ISLANDS. XF4M will be an international team effort from Socorro Island. They will be on all bands, most modes, and as a bonus will operate through RS12. QSL via JH1AJT.

SAINT MARTIN. FJ5AB will be on as a multi-multi effort. Before and after the contest, operators N2HIG, K2MME, AA2SZ, N0IMH and F6GOX will operate signing FJ5/ their home calls.

CANADA, ZONE 2. VE2NRK by WJ2O, and VE2TJA by WB2K, will operate single op, all band, high power in the contest. QSL via their home call signs.

ASCENSION. Jim, N6TJ, plans single band work on 20 meters as ZD8Z. QSL via VE3HO.

NEVIS ISLAND. V47NS by W9NSZ will also be a 20 meter single band entry.

CURACAO. Seppo, OH1VR, will be shooting for a record on 40 meters as PJ9U.

SINT MAARTEN. PJ8Z will be by KI4HN, KA9FOX and N0BSH. QSL via KA9FOX.

SOUTH COOK ISLANDS. Marilyn, N6VAW, and Rich, WB6UDS, will be signing ZK1VAW and ZK1UDS respectively, October 24 to November 5 from Raratonga.

FRENCH POLYNESIA. Listen for FO/DJ1RL and FO/DL6NA between October 22 and 28.

THIS WEEKEND ON THE RADIO. The Texas QSO Party, sponsored by the Texas DX Society, runs from 1400z October 22 to 2200z October 23. In this phone and CW event, Texas stations will send their name and county. Other stateside stations exchange name and state, VE/DX stations exchange name only. Full details appear on page 126 of October QST.
NNNN
/EX

SB DX @ ARL $ARLD064
ARLD064 DX news

ZCZC AE62
QST de W1AW
DX Bulletin 64 ARLD064
>From ARRL Headquarters
Newington CT October 27, 1994
To all radio amateurs

SB DX ARL ARLD064
ARLD064 DX news

The items in this week's bulletin are courtesy of Bob, W5KNE, QRZ DX, Bob, KA1XN, Chod, VP2ML, The DX Bulletin, Adam, N7VEW, Mathieu, F5SHQ, Tedd, KB8NW, the OPDX Bulletin, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST. Thanks.

SOUTHERN SUDAN. John, PA3CXC, is on signing PA3CXC/ST0. Check 18075 kHz between 1800 and 2200z, 7005 kHz around 0315z and 21020 kHz after 2200z. QSL via his CBA.

TOGO and CAMEROON. Adam, N7VEW, QSL manager for missionaries 5V7MD and TJ1JR, has announced the following skeds. Wednesdays at 2230z on 14165 kHz with TJ1JR and Thursdays at 2200z on 14165 kHz with 5V7MD. After the skeds 5V7MD or TJ1JR will usually hang around or move up the band to work some stations. QSL TJ1JR and 5V7MD to N7VEW at his 1994 CBA with an SASE. Please, no bureau cards.

MACAO. G3SXW and G3TXF are active as XX9SXW and XX9TXF. They operate mostly CW.

COCOS ISLANDS. TI9JJP is now active and should remain so through October 29. Check 14195 kHz and the usual DX frequencies.

80 METERS. A group of Asian operators including EX0V, EY8MM, UN7VV and AP2SD, are on a daily lookout trying to work west coast stations. Try 3795 kHz between 1200 and 1400z.

U.A.E. Don, WB2DND, will be visiting Dubai from November 11 to 16. Listen on 20 meters at 1300z on either 14025 kHz CW or 14090 RTTY, 14240 SSB at 2100z and 80/160 meters each morning at 0200z.

CUBA. A group of Cuban and Portugese hams will activate CO9OTA in the archipelago Jardines de la Reina between November 7 to 9.

Arnie, CO2KK, is now active on 160 meters. QSL via Arnaldo Coro, PO Box 6060, Habana Cuba 10600.

TAIWAN. WB4IUX plans to be in Taiwan either November 7, 8 and 9 or 16, 17 and 18. He is working feverishly on getting permission to operate. If he can secure this permission, plans are to operate almost exclusively 80 and 40 meters to give low band operators a chance for BV. Look for him in the 7008 to 7012 and 3508 to 3512 windows.

THIS WEEKEND ON THE RADIO. The CQ World Wide DX Contest, phone, is your chance to grab some new ones for your DXCC total. The Test runs from 0000z October 29 to 2400z October 30. All the details are in September QST, page 126. Here are some of the planned efforts for what is referred to by some as CQ World War.

SAUDI ARABIA. Terry, N4KT will be on operating HZ1AB solo on 80 meters.

EGYPT. There have been rumblings that SU2MT will be active in both the SSB and CW weekends of CQWW as a multi/single entry. Meanwhile, look for him on 15 meters around 1200z or 20 meters between 1700 and 2000z.

THAILAND. Fred, K3ZO/HS0ZAR, says members of the Radio Amateur Society of Thailand are planning major efforts in both the SSB and CW weekends. Listen for HS7AS and HS0AC.

TAJIKISTAN. Nodir, EY8MM, is gearing up for a single op/multiband entry. Listen for him on 160, 80 and 40 meters. It is believed that this will be the only station on from Tajikistan in this test. QSL via DL8WN. He also plans to be active during the CW weekend as EY3A with team members EY8WW, EY8QX, EY8CQ, EY8JX and UA3AB.

CORSICA. DL6RAI, DL5MAE, DL5MFF, DJ0MBU and DF4RD will be visiting TK5EL to activate that call as a multi/single entry. Before the contest listen for them signing TK/ their own call signs.

TURKS AND CAICOS ISLANDS. A group from the North Florida DX Association, NFDXA, will be traveling to VP5 to operate as multi/single using the call sign VP5Y.

GUANTANAMO BAY. Jeff, WI2T, will be active as KG4JO, single op, his work schedule permitting. QSL via WI2T.

BELAU/YAPP. Jim, WV5S, and Coy, N5OK, of the Oklahoma DX Association will be returning to Belau. Their old calls, KC6SS and KC6OK, may be used. They plan to be on until November 2. Emphasis will be CW on 160, 80 and WARC bands, with a chance for some RTTY. QSL via their home calls. After Belau they will be on from Yapp. Listen for V63SH and V63OH between November 2 and 9.

CANADA, CQ ZONE 2. John, WB2K and Davis, WJ2O, will be operating separate single op stations from locations about 20 miles apart. WB2K will be sign VE2TJA. WJ2O will be on as WJ2O/VE2. QSL via their home calls.

ANGUILLA. K1DG and KA1XN will be in the fray as VP2EB. They will be active before and after the contest starting October 26 and ending November 1, as VP2E/K1DG and VP2E/KA1XN. Listen for them on 3753 and 14152 kHz.

GUERNSEY ISLAND. Listen for GU/F6FGN/P and GU/F5SHQ/P from October 28 to November 4 on SSB and CW, 80 through 10 meters. QSL direct to PO Box 14, 44521 OUDON, France.

ISLAND PING PONG. JA1ELY, JA1ETQ, JA1IDY and JL1UXH will be on from Comoros October 24 to 26, Mayotte Island October 27 and 28, and back to Comoros for the 29th and 30th. JA1OEM will be on from Reunion October 25 to 30 and then Madagascar as 5R8HP from November 1 to 20.

OTHERS TO LISTEN FOR include BV/N4MQX, C56DX, 3DA0Z, 5X1HR, 6D2X, 8R1K, HC8A, OH0MM, TO5MM by N3ADL, 4U4U, V29NR, V47WK, XE2DX, ZK2XN and ZV7C. Good luck in the test.
NNNN
/EX

SB DX @ ARL $ARLD065
ARLD065 DX news

ZCZC AE63
QST de W1AW
DX Bulletin 65 ARLD065
>From ARRL Headquarters
Newington CT November 3, 1994
To all radio amateurs

SB DX ARL ARLD065
ARLD065 DX news

The items in this week's bulletin are courtesy of Kirsti, VK9NL, the HIDXA, Chod, VP2ML, The DX Bulletin, Bob, W5KNE, QRZ DX, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column in QST. Thanks.

BHUTAN. Despite poor propagation conditions, a successful demonstration of Amateur Radio was carried out today for the Deputy Minister of Communications and staff. Jim Smith, VK9NS, reports that A51MOC is now the official call sign of the Ministry of Communications.

PACIFIC TRIP POSTPONED. Masa, JE1DXC, has run into transportation problems. His trip that included stops at 3D2, T2 and T30 has been postponed with no rescheduling date mentioned.

ANTIGUA. Ratko, YU1NR, continues to be active as V29NR. Recent spots show most of his activity being on 17 meters. Try 18115 kHz at 1510 and 1700 to 1730z. Also check 24951 kHz around 1600z. QSL via YU1NR.

CENTRAL KIRIBATI. Ron, ZL1AMO, reports his T31RW trip has been moved back until around April or May 1995.

HAITI. Missionaries HH1D and HH1T are Darlene, KB8CTC, and husband Tim, KB8CTD. They operate between 14260 and 14350 kHz around 2200z and 7288 kHz at 1000z running a TS-450S from a solar charged battery system.

IRAQ. YI9CW has applied for authorization to operate on 30 meters.

THAILAND. DL2VK will be signing HS0/DL2VK for about 6 months. Most activity will be CW, though packet, AMTor, PacTOR and SSB may be used.

HEARD ISLAND. Tony, WA4JQS, plans ahead. He is working on obtaining permission to visit the island in 1997. Until then he and WA8JOC, WD8SDL and W9OEH continue work on refurbishing 3Y0PI antennas.

UNITED ARAB EMIRATES. Don, WB2DND, should be in Dubai from November 11 to 16 and operate A61AD. Most operations will be early mornings and late evenings with Don having to do so around his work schedule. Check 160 and 80 meters around 0200z. He has a sked with WA2UDV and N1QMM on 14240 kHz at 2100z and takes calls afterwards. QSL via WB2DND.

TONGA. Paul, KK6H, should be on the air as A35RK from November 24 to February 7. Most operating will be CW on 160 through 30 meters. QSL his home CBA w/SASE.

MARIANA ISLANDS. Listen for JA2NQG signing AH0F on CW until November 6. JA2NVY is also along operating both CW and SSB as AH2CW/KH0. JI2UAY signs KH2GV/KH0 on 29 MHz FM. QSL via their home calls.

THIS WEEKEND ON THE RADIO. 2100z Saturday will usher in the 61st annual ARRL November Sweepstakes CW contest, which runs to 0300z November 7. Work as many US and Canadian stations as possible exchanging the classic Sweepstakes exchange information of serial number, power class, call sign, check number and ARRL Section.

The HA QRP Contest, sponsored by the Hungarian ARS and Radiotechnika Magazine, runs through 2400z November 7, from 3500 to 3600 kHz CW only. Use 5 watts or less output power. Exchange call sign, signal report, QTH and name. Both call signs and full exchanges must be sent and received by both stations.

International Police Association Radio Club contest, sponsored by the US Section of the IPA, is from 1800z to 2200z November 5 for CW, and 1800z to 2200z November 6 for SSB. Exchange signal report and serial number. US IPARC members will add IPA after serial number.

The Ukrainian DX Contest, sponsored by the Ukrainian ARL and Ukrainian Contest Club, runs 1200z November 5 to 1200z November 6. In this SSB and CW event, exchange signal report and serial number. Ukrainian stations will send signal report and two letter region abbreviation.

Details on all of these operating events appear on pages 125 and 126 of October QST.
NNNN
/EX

SB DX @ ARL $ARLD066
ARLD066 DX news

ZCZC AE64
QST de W1AW
DX Bulletin 66 ARLD066
>From ARRL Headquarters
Newington CT November 11, 1994
To all radio amateurs

SB DX ARL ARLD066
ARLD066 DX news

Thanks to Bob, WB2CJL, Gary, NI6T, Bob, W5KNE, QRZ DX, Chod, VP2ML, The DX Bulletin, Gary, K8BN, Don, WB2DND, Tedd, KB8NW, the Ohio/Penn DX Bulletin, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST. Thanks.

SYRIA. A eight member team will activate YK0A November 23 to 30. Omar, YK1AO, arranged issuance of the license and secured an operating site inside a Syrian PTT training facility on the outskirts of Damascus. The primary objective is to make YK available on CW, RTTY and the low bands. Secondary to that is to operate a two or three transmitter Multi/Multi in the CQWW CW Contest. Some SSB and WARC band operating is possible. QSL via W6OAT.

CHAGOS ISLANDS ON 160 METERS. VQ9SS and VQ9QM should soon be active again on this band. VQ9SS plans to be in both the CQWW CW Contest and the ARRL 160 Meter Contest.

TONGA. Paul, KK6H, will sign A35RK from November 24 to sometime early in February. He will operate mostly 160 through 30 meter CW. Plans are to be active in the ARRL 160 Meter contest and CQ World Wide DX CW on 160 meters. QSL via KK6H or the W6 bureau.

UAE. A61AD will be on 160 and 80 meters around 0200z from November 11 to 16. QSL via WB2DND.

ANTARCTICA. Nigel, VP8CMR, has been worked on 14260 kHz after 2230z. Plans are to be active on 17 meters from 1500 to 1900z. He will be at the base until February 1995. QSL to Nigel, Halley Base, BAS, Via Port Stanley, Falkland Islands.

TAIWAN. Tom, WB4IUX, has permission to sign BV/WB4IUX. He should be on the air in late November or early December, with plans to operate 80 and 40 meter CW almost exclusively. He may get on 20 meter SSB to spread the word that he is up and running, and to provide his operating schedule.

ZAMBIA. Ely, IN3VZE, will be active as 9J2CE until November 20. Listen for his SSB on 20 and 40 meters. QSL via IN3VZE.

MARIANA ISLANDS. A group will sign KH0AM during the CQ WW CW Contest. Some activity will take place before the contest on the

WARC bands and some RTTY. QSL via JE1CKA, Tack Kumagai, PO Box 22, Mitaka, Tokyo 181, Japan.

JAMAICA. Walter DJ6QT is now signing DJ6QT/6Y5 until December 1. Look for his print in the WAE RTTY contest using the call 6Y5X. QSL via his home call.

CARIBBEAN DXPEDITION. Dieter, DL3KDV, will be active from J6, J8 and J7 starting sometime this month. Listen for him in the CQWW CW contest. Dieter prefers QSL cards via the bureau.

VIRGIN ISLANDS. Listen for N9RJ/KP2, operated by N9RJ, N9KZJ, WB9CEP and W2CGI, from November 12 to 20. Plans are to be on 80, 40, 20, 17, 15, 10 and 6 meters. QSL via WB9CEP.

MARTINIQUE. F6AOI, F6BFH and F9IE will be on all bands with CW and SSB from November 11 to 27. They will sign FM/ their home calls.

ARUBA. Jeff, KR0Y, will sign P40F from Aruba November 21 to 29 including an effort in the CQWW CW Contest.

GIBRALTER. Dave, N7RK, will be active from ZB2 November 10 through 15 as N7RK/ZB2. He will be on 80, 40 and 20 meters, but may try 160 meters. QSL via CBA.

GAMBIA. C56/G0MRF is not listed in 1994 Callbook. Direct QSLing is via G8PDW, or bureau cards may go addressed to G0MRF.

THIS WEEKEND ON THE RADIO. Information on the European DX Contest, RTTY, appears on page 126 in July QST. Please note that W/VE stations are no longer required to send their state/province as part of the exchange.

OK/OM DX Contest, sponsored by the Czech Radio Club, runs from 1200z November 12 to 1200z November 13. Exchange signal report and serial number. OK/OL/OM stations will exchange a 3 letter district code. For details check page 126 in October QST.

The 1994 Japan International DX Phone Contest, sponsored by Five-Nine Magazine, is from 2300z November 11 to 2300z November 13. Exchange signal report and serial number starting with 001. Japanese stations will exchange signal report and two digit prefecture number.
NNNN
/EX

SB DX @ ARL $ARLD067
ARLD067 DX news

ZCZC AE65
QST de W1AW
DX Bulletin 67 ARLD067
>From ARRL Headquarters
Newington CT November 16, 1994

To all radio amateurs

SB DX ARL ARLD067
ARLD067 DX news

DXCC update

Documentation for the following operations has been received and approved. Format is call sign followed by date when operations began.

4X/VE2FTT 30 Oct 93

8Q7DR 1 Mar 94

8Q7LX 1 Mar 94

ET3IJ 13 Sep 93

TY1IJ 24 Sep 93

ZA/Z32KV 27 May 94

3A/W5ZPA 29 Jul 94

7Z5OO 11 Oct 94

DU1KK 17 Oct 94

FJ/AA2SZ 20 Oct 94

HI3RW 9 May 94

KG4WP 31 Mar 94

PJ7/AH0G 9 May 94

R3/AA5NK 7 Apr 94

TJ1TN 22 Oct 93

V26B 28 Oct 93

V26Y 26 Sep 94

V26Z 26 Sep 94

V31VW 6 Sep 94

VQ9TP 16 May 94

XU3DWC 1 Aug 93

ZA/G3MHV 12 Sep 94

ZA/KA6ZYF 13 Sep 94

ZF2LS 3 Oct 94

ZF2VS 11 Oct 93
NNNN
/EX

SB DX @ ARL $ARLD067
ARLD067 DX news

ZCZC AE65
QST de W1AW
DX Bulletin 67 ARLD067
>From ARRL Headquarters
Newington CT November 16, 1994
To all radio amateurs

SB DX ARL ARLD067
ARLD067 DX news

DXCC update

Documentation for the following operations has been received and approved. Format is call sign followed by date when operations began.

4X/VE2FTT 30 Oct 93

8Q7DR 1 Mar 94

8Q7LX 1 Mar 94

ET3IJ 13 Sep 93

TY1IJ 24 Sep 93

ZA/Z32KV 27 May 94

3A/W5ZPA 29 Jul 94

7Z5OO 11 Oct 94

DU1KK 17 Oct 94

FJ/AA2SZ 20 Oct 94

HI3RW 9 May 94

KG4WP 31 Mar 94

PJ7/AH0G 9 May 94

R3/AA5NK 7 Apr 94

TJ1TN 22 Oct 93

V26B 28 Oct 93

V26Y 26 Sep 94

V26Z 26 Sep 94

V31VW 6 Sep 94

VQ9TP 16 May 94

XU3DWC 1 Aug 93

ZA/G3MHV 12 Sep 94

ZA/KA6ZYF 13 Sep 94

ZF2LS 3 Oct 94

ZF2VS 11 Oct 93
NNNN
/EX

SB DX @ ARL $ARLD068
ARLD068 DX news

ZCZC AE66
QST de W1AW
DX Bulletin 68 ARLD068
>From ARRL Headquarters
Newington CT November 16, 1994
To all radio amateurs

SB DX ARL ARLD068
ARLD068 DX news

DXCC update

Documentation for the following operations has been received and
approved. Format is call sign followed by date when operations
begin.

3A/F1IXQ 15 Jul 94

3A/F1RWD 15 Jul 94

3D2CA 1 Jan 94

3D2DJ 1 Aug 94

3D2DR 1 Jan 93

3D2KA 1 Nov 92

3D2PC 10 May 94

3D2TT 19 Aug 94

3D2YH 10 May 94

3XY0A 18 May 94

4U/F5LMG (Bosnia-Herzegovina) 11 May 94

4U/F5LVR (Bosnia-Herzegovina) 11 May 94

5B4/OK1CZ 9 Jun 94

5V7DB 12 Sep 94

7Q7CE 30 May 94

8Q7EA 18 Sep 94

8Q7EB 18 Sep 94

8Q7KA 2 Jan 93

NNNN
/EX

SB DX @ ARL $ARLD069
ARLD069 DX news

ZCZC AE67
QST de W1AW
DX Bulletin 69 ARLD069
>From ARRL Headquarters
Newington CT November 16, 1994
To all radio amateurs

SB DX ARL ARLD069
ARLD069 DX news

DXCC update

Documentation for the following operations has been received and
approved. Format is call sign followed by date when operations
begin.

9G1BJ 24 Aug 94

A6/F2JD 21 Jan 88

CN2VA 1 Aug 94

DU7/SM0CNS 28 Jun 94

ET3BT 6 Oct 94

FK/JA1CMS 5 Sep 89

FW/JA1CMS 21 Feb 91

HS0ZAZ Jun 94

JT4/JA1CMS 1 Jul 92

LX/DL4FCH/P 28 Oct 94

OH/JH1AJT 31 Jul 94

S21AT 3 May 94

S79DEQ 9 Apr 92

T9/PA3DZN 1 Oct 93

VK9MX 12 May 93

YJ0AAK 14 Jan 91

ZK1JKH 10 Aug 94
NNNN
/EX

SB DX @ ARL $ARLD070
ARLD070 DX news

ZCZC AE68
QST de W1AW
DX Bulletin 70 ARLD070
>From ARRL Headquarters
Newington CT November 17, 1994
To all radio amateurs

SB DX ARL ARLD070
ARLD070 DX news

The items is this week's bulletin are courtesy of Mike, K9AJ, Tedd, KB8NW, Steve, KU9C, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks.

VIETNAM. Rolf, SM5MX, reports new legislation on amateur radio is in the works and is expected to be passed sometime in 1995. He has been issued the call sign XV7SW and granted permission to operate on fixed frequencies only. They are 3505, 7033, 14016, 14021, 21016, 21019, 28016 and 28019 kHz. His mailing address is Rolf T. Salme, Embassy of Sweden, Box 9, Hanoi, VEITNAM.

SEYCHELLES. A group of JA operators will be active from November 22 to 25. The calls S79CC, S79SS, S79TR and S79XE will be used. They will be on 160 through 10 meters and OSCAR 13. Modes will include CW, SSB and RTTY. On 160, check 1824 and 1910 kHz. On OSCAR 13 check 145.885 MHz. QSL via JI1NJC.

BOTSWANA. Dave, A22MN, is on 160 meters starting at 0300z around 1827 kHz. As propagation permits he moves to 3511 kHz, and then sometimes to 40 meters. He will be on during the CW weekend of the ARRL DX contest. Dave leaves Botswana in March 1995.

EAST MALAYSIA. Saty, JE1JKL, will sign 9M6NA for the CQWW CW contest on 20 meters. QSL via JE1JKL.

MADEIRA ISLANDS. DL5EBE, DL2HYH, HB9CRV and a few others will be on from November 25 to December 1. The CQWW CW contest is on their To Do list. Listen for CR3U by DL2HYH on 15 meters, CR3X by DL5EBE on 40 meters and CT3FN by HB9CRV on 80 meters. The DL ops will be signing CT3/ their home calls before and after the contest. QSL via home CBAs.

NEW CALEDONIA. Serge, F6AUS, will be active as FK/F6AUS from November 17 to December 8 on all bands, CW and SSB.

GLORIOSO ISLAND. Jacques, FR5ZU, will sign FR5ZU/G from November 17 to December 8. Asians QSL via JA8FCG. Americans and Europeans QSL via VE2NW.

EASTERN KIRIBATI. A group of JA operators will be active from here December 27 to January 2. Activity will be on 160 through 6 meters with CW, SSB and RTTY. There is a chance for some satellite operations. Jack, KD4ND, will be traveling to Christmas Island on December 3 for a 10 day bonefishing expedition. He has applied for a license and if it comes through, he will try to get on all bands, mostly on SSB. Some CW is possible.

SAINT KITTS AND NEVIS ISLAND. From November 17 to 27, John, WZ8D, and Joe, WB8GEX, will operate on 160 through 6 meters with CW and SSB as V476WZ and V47NF. A meter beacon, donated by WA8R, will be on 50055.5 kHz pumping 3.5 watts to a dipole at 1580 feet ASL. The beacon call will be V44K.

HONG KONG. Dave, WX3N, will return to VS6WO November 22. He plans to operate 80 and 160 meters daily starting at 1030z. On 80 meters try 3501, 3507 or 3513 kHz. He will simultaneously operate on 160 meters on either 1824 or 1833 kHz. During the CQWW contest he will operate VS6WO single op. Outside of the contest listen for him as VR2/WX3N.

GIBRALTAR. Jorma, OH2KI, and Peter, K8UNP, will both be active in the CQWW CW contest. Jorma will operate single band on 80 meter CW as ZB2X. QSL via OH2KI. Peter will operate single op as either ZB2/K8UNP or K8UNP/ZB2 on 20, 15 or 10 meters.

ANGUILLA. ND3F, WR3Z and ND3A, members of the Potomac Valley Radio Club, will be operating as a multi/multi entry during the CQWW CW contest. They will sign VP2EZA. Before and after the contest they will be on 160 through 10 meters with CW and SSB signing VP2E/ their home calls. QSL VP2EZA via ND3A. QSL all other calls via the respective operator's home CBA.

TURKS AND CAICOS ISLANDS. K8MFO, WD8AUB, W9VNE, W6RGG, WA4DRU, WT8N, W0CG, and WD8LLD will be active in the CQWW CW contest as a multi/multi entry as VP5VW. Operations will be from the QTH of Jody, VP5JM. Outside the contest, each operator will sign VP5/ his home call. They may be active as early as November 20. QSL VP5VW via W8TPS. QSL all other calls via the respective operator's home CBA.

BARBADOS. Steve, KU9C, and Ralph, K2PF, will be here on vacation December 8 through 12. They plan to be in on the ARRL 10 Meter contest as 8P9GD and 8P9GE, respectively. Plans are to concentrate on Pacific openings on 20 meter CW. Try around 14005 kHz between 2000 and 2400z. QSL via their home calls.

THIS WEEKEND ON THE RADIO. The 61st ARRL November Sweepstakes is this weekend from 2100z November 19 to 0300z November 21. This will be the phone weekend of the contest. See page 125 in October QST for full contest rules.
NNNN
/EX

SB DX @ ARL $ARLD071
ARLD071 DX news

ZCZC AE69
QST de W1AW
DX Bulletin 71 ARLD071
>From ARRL Headquarters
Newington CT November 23, 1994
To all radio amateurs

SB DX ARL ARLD071
ARLD071 DX news

The items in this week's bulletin are courtesy of Rudi, DK7PE, Rob, ND3A, Jacques, W2/F2YS, Tedd, KB8NW, the OPDX Bulletin, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral Column from the pages of QST magazine. Thanks.

VIETNAM. Rolf, SM5MX, aka 4S7MX and 5Z4MX, is active from Hanoi signing XV7SW. Listen for his fixed frequency CW on 3505, 7033, 14016, 14021, 21019 and 28016 kHz. QSL via Rolf T. Salme, Embassy of Sweden, Box 9, Hanoi, Vietnam. Rolf is making plans to be active in the CQWW CW Contest on 3505 kHz.

NEPAL. Willi, OE7KWT, is signing 9N1WT using the station of 9N1KY. He uses 21270 and 14270 kHz around 0800z but has been on the 14226 DX net around 1145z. QSL via OE7KWT.

SAUDI ARABIA. Ops Terry, N4KT, Bengt, SM0CCE, and Thomas, SM0CXU, will operate HZ1AB in the CQWW CW Contest.

TUNISIA. JH2CFD, JF2EZA, JR2RVL and JL2OYI are instructing Tunisians on amateur radio operations and plan to set up a club station. Equipment will include a monobander on 15 meters, a tribander, dipoles for the low bands and barefoot transceiver. The club call sign is 3V8BB. Try 14025 and 14195 kHz around 0700z. QSL via JF2EZA.

GLORIOSO. Jacques, FR5ZU/G, will be going home on December 1. It was reported earlier that the departure date was December 8. Listen for him on SSB daily on 28480 kHz at 1500z or 21256 kHz at 1600z. QSL via VE2NW. Henri, FR5ZQ, who is also on the island at this time, will take over for Jacques and is expected to be active through the end of the year. QSL via CBA.

JERSEY. Rich, K2WR, will be active from the Channel Islands for the CQWW CW Contest. Listen for GJ/K2WR or GJ0/K2WR on 160, 80 and 40

meters. QSL via K2WR. Cards for his May 1994 40 meter WPX jaunt as GH3DVC should go via GJ3DVC.

DOMINICA. Former W1AW DX Bulletin author Paul, K1XM, is heading up a Multi/Multi operation for the CQWW CW Contest. The operator list includes Charlotte, KQ1F, John, K4BAI, Walt, AC1O, Bill, G4WJS, and Bruce, G4WVX. Listen for the call J77J.

ANGUILLA. Barry, WR3Z, and Rob, ND3A, will be at the QTH of VP2EHF and VP2EE November 21 through 29. Barry and Rob will be in the CQWW CW contest as VP2EZA. Outside of contest hours, listen for VP2/WR3Z and VP2E/ND3A on SSB and CW, 160 through 10 meters, with some novice band operations as well. QSL contest QSOs with VP2EZA via ND3A. QSL other contacts via home call signs.

MARTINIQUE. F6AOI, F6BFH and F9IE, who were recently active from J8, will operate from Martinique as TO0P until November 27. They will be on 40 through 10 meters with CW and SSB. QSL via F6BFH.

KERMADEC ISLAND. Barry, G4MFW, aka ZS1FJ, has obtained a license and plans to operate for two weeks starting sometime in March. Arrangements for a stateside QSL Manager are being made.

TAIWAN. Tom, WB4IUX, received approval for his trip and has a firm schedule. He plans to arrive on November 28 and operate for 4 days starting on the 29th. Try at east coast sunrise from 3508 to 3512, as well as 7008 to 7012 kHz.

GOLIST NEWS. Jay and Jan O'Brien of the ''The W6GO/K6HHD QSL Manager List'' have decided to retire after many years of dedicated service to DXers. Paul and Nancy Smith, N4FFO and KB4RGW, will be taking over the QSL Manager List, aka The GOLIST, so the SHOW/QSL and SHOW/GO functions on PacketCluster will remain intact.

PIRATE'S COVE. Rudi, DK7PE, phoned the DXCC Desk on November 22. claiming that stations ST0CW and SU2CW that were on the air November 11 and 12 were pirates. They gave DK7PE as their QSL manager.

THIS WEEKEND ON THE RADIO. The choices for operating events this weekend couldn't be much more different. Rules for the ARRL International EME Competition appear on page 128 of September QST, and info on the CQ World Wide CW DX Contest appears in the same issue, but on page 126.
NNNN
/EX

SB DX @ ARL $ARLD072
ARLD072 DX news

ZCZC AE70
QST de W1AW
DX Bulletin 72 ARLD072
>From ARRL Headquarters

Newington CT December 1, 1994
To all radio amateurs

SB DX ARL ARLD072
ARLD072 DX news

The items in this week's bulletin are courtesy of Tedd, KB8NW, Steve, KU9C, the OPDX Bulletin, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral Column from the pages of QST magazine. Thanks.

UNITED ARAB EMIRATES. The PTT has approved three more licensees, all graduates of a recent training session at Dubai Men's Technical College. Listen for newcomers A61AH, A61AI and A61AN.

ANTARCTICA. Eddie, VK4EET, is operating as VI0ANT and is expected to be stationed there through March. Listen for him between 1130 to 1630z, primarily on CW, though he does operate some SSB. RTTY and AMTOR contacts are available on request. Try 3502, 7005, 14005 and 21005 kHz for CW, and 3798, 7070, 14190 and 21295 kHz for SSB. QSL via VK4EET. Others are also active. Phil, VK4FPS, is on as VK0FPS with SSB and digital modes. QSL via VK3MA. Lances, VK7ERZ, is on as VK0ERZ with casual SSB ragchews.

CHATHAM ISLAND. Listen for the CW of Ron, ZL1AMO, between December 10 and 20. Though primarily a CW op, he will also operate some SSB and RTTY.

MALDIVES ISLAND. Tom, DL7UTM, aka H44XO, 3D2XO, T21XO and Y31XO, will be signing 8Q7XO between Christmas and year end.

MALTA. Birgit, DL7VTZ, and Holgert, DL7VTM, who were 9I2M and 9I2Z earlier this year, are planning to operate from Malta for two weeks sometime in March 1995.

BARBADOS. Marian, KB9EKO, and Myron, K9JJR, should be on the air soon and be active through December 12. Listen for 8P9CT and 8P9DC. Steve, KU9C, and Ralph, K2PF, will be signing 8P9GD and 8P9GE, respectively, while vacationing December 8 through 12. They also plan to be active in the ARRL 10 Meter Contest. QSL via their home calls.

THIS WEEKEND ON THE RADIO. The ARRL 160 Meter Contest will warm up The Top Band this weekend. It runs from 2200z December 2 until 1600z December 4. W/VE stations send signal report and ARRL/RAC Section for the exchange. DX stations send signal report. If maritime or aeronautical mobile, sent ITU Region. For full contest rules, see page 131 of November QST.

TOPS is an international club founded in Great Britain for CW enthusiasts. The TOPS Activity Contest on 3.5 MHz CW is from 1800z December 3 to 1800z December 4. Limit operating to the 3510 to 3560 kHz segment. Listen for stations calling CQ TAC or CQ QMF.

Exchange signal report and serial number. TOPS members will also
give their membership numbers. Logs go to OE1TKW and are due
January 31, 1995. For more information on TOPS contact G3AWR.
NNNN
/EX

SB DX @ ARL $ARLD073
ARLD073 DXAC vote results

ZCZC AE71
QST de W1AW
DX Bulletin 73 ARLD073
>From ARRL Headquarters
Newington CT December 6, 1994
To all radio amateurs

SB DX ARL ARLD073
ARLD073 DXAC vote results

DXAC Vote Results

The ARRL DX Advisory Committee, DXAC, has voted 14 to 2 against a
petition to add the Austral Islands and the Marquesas Islands to the
DXCC Countries List. Those voting against shared the feeling that
French Polynesia is not a Point 1 DXCC country, and for that reason
these two island groups do not qualify as separate countries under
the current DXCC rules.

The DXAC voted 13 to 1 against adding the Balleny Islands to the
DXCC Countries List. Most of those voting against this proposal
felt that the Balleny Islands are a part of Antarctica.

Finally, the DXAC voted 14 to 2 against recommending establishment
of a DXCC award for contacts made while operating mobile. Many
comments stated the impossibility of verifying that contacts were
indeed made while operating mobile. It was also noted that all DXCC
awards today are based on either mode or band.
NNNN
/EX

SB DX @ ARL $ARLD075
ARLD075 DX news

ZCZC AE73
QST de W1AW
DX Bulletin 75 ARLD075
>From ARRL Headquarters
Newington CT December 15, 1994
To all radio amateurs

SB DX ARL ARLD075
ARLD075 DX news

The items in this week's bulletin are courtesy of Tedd, KB8NW, the OPDX Bulletin, Rolf, DL7VEE, the DX News Letter, DJ8WL, Mike, OM2DX, and the 160M Bulletin. Thanks.

TUNISIA. Club station 3V8BB continues to be active and has recently added 160 meter capability. QSL via JF2EZA. No documentation for this operation has been received by the DXCC Desk.

KUWAIT. 9K2MU, with pile up assistance by DJ9LJ, has been working 3792 kHz around 0100z. QSL via WA4JTK.

MINAMI TORISHIMA. Ishi, JI7BCD, has been busy as JI7BCD/JD1. Check 7010 kHz at 1030z and 2345z. JD1BIE has also been spotted on 40 meter CW.

RWANDA. Alex, PA3DZN, who is active as 9X5EE on 40 through 10 meters, plans to be up and running on both 160 and 80 soon.

ALAND ISLAND. Pete, N0AFW, will visit Finland from mid-December to mid-January. Plans are to operate for a few days as OH0/N0AFW near the end of his stay. Pete prefers the lower bands and WARC bands.

MARKET REEF. Transportation and weather permitting, Pete may be able to get on as OJ0/N0AFW for a few days, probably between January 10 and 15.

CAYMAN ISLANDS. JH1ROJ will be on Grand Cayman Island from December 29 to January 5. Listen for the call sign ZF2RO on 80 through 10 meters with SSB and CW. QSL via JH1ROJ.

SOUTH SHETLANDS. Henry, SP3FYM, should be on the air in mid December, probably with the call sign HF0POL. His assignment should last through the end of 1995. Henry prefers RTTY and 160 meters. Rhombic antennas should provide many 160 meter operators with South Shetlands. DJ8WL reports Henry made nearly 25,000 QSOs during his 1990/1991 stay. SP2JYV may be active from King George base sometime in December. Listen for him on all bands with CW, SSB and RTTY.

FALKLAND ISLANDS. Dave, VP8BKT, has been very active. Try 14184 kHz between 0000 and 0300z, 18153 kHz at 1830z, and on 21290 kHz starting at about 1700z. VP8CMP has been on 21290 kHz between 1300 and 1500z.

ANTARCTICA. Gavin, VP8GAV, is now at Fossil Bluff, a British base. He has had a good signal on 14024 kHz after 2300z. QSL via GM0LVI. Eddie, VI0ANT, has been active on RTTY from one of the Australian bases. Try 14083 kHz between the time slots of 0100 and 0200z, and 1300 and 1500z. If weather permits, Eddie will be sporting some sort of Yagi. QSL via VK4EET, Eddie DeYoung, 131 Plantain Road, Shailer Park Q 4128, Australia.

PALESTINE. A very weak signal from a station signing ZC6B was heard on 14243 kHz at 1430z, Sunday, December 11. OE6EEG, who was on frequency maintaining the list, stated he would run the list operation for ZC6B every Saturday and Sunday. The DXCC Desk

emphasizes that ZC6 was deleted from the DXCC Countries List as of July 1, 1968, and that the ZC6 prefix is currently assigned by the ITU to the United Kingdom. The DX News Letter of December 6 states that ZC6B was a joint venture DXpedition from the Ghaza Strip by Israeli and Jordan amateurs.
NNNN
/EX

SB DX @ ARL $ARLD076
ARLD076 DX news

ZCZC AE74
QST de W1AW
DX Bulletin 76 ARLD076
>From ARRL Headquarters
Newington CT December 22, 1994
To all radio amateurs

SB DX ARL ARLD076
ARLD076 DX news

The items in this week's bulletin are courtesy of Tedd, KB8NW, Jim, AD1C, Tomo, JH2PDS/1, Bob, W4VQ, Chod, VP2ML, The DX Bulletin, Bob, W5KNE, QRZ DX, Joe, NJ1Q, and the Tokyo, Japan, PacketCluster network. Thanks.

SPRATLY. K5OVC reports that Robin, DU9RG, is planning to operate as DU0K sometime in April. According to the DXCC Desk, the Philippines are one of several countries with territorial claims in the Spratly group. Any operation from the Spratlys should use the call sign of the occupying authority.

NEPAL and BANGLADESH. Members of the Japan UNICEF Ham Club plan to be on the air through year end starting December 24. From January 1 to 7 they will move to Bangladesh and operate from there. CW, SSB and RTTY will be their modes.

QATAR. Tom, DL9FCQ, hopes to be active January 14 to 27. He favors CW during his evening hours on 40 through 10 meters. QSL via CBA.

PHILIPPINES. Tom, SM0CNS, is signing SM0CNS/DU7 on 80 through 10 meter CW from Cebu Island. He will operate SSB or RTTY on request. Tom hopes to be on 160 meters soon. QSL via the DU QSL bureau or direct to Thomas Bevenheim, Ronda, CEBU 6034, Philippines.

ANTARCTICA. Eddie, VI0ANT, works his radio around his work schedule, but is usually QRV from 0030 to 0300z and again from 1230 to 1700z. Though RTTY equipped, Eddie prefers CW on the low end of 20 meters. He hears NA stations on 40 meters around 1400z but reports getting few answers to his calls. Try the long path heading between 0030 and 0300z. QSL via VK4BMD.

KERGUELEN ISLAND. Pierre, FT5XJ, aka F5NLL, was heard on a DX net December 18. Check 14226 kHz at 1415z.

SOLOMON ISLANDS. Norbert, DJ9RB, and Bernhard, DL2GAC, will be on the air during the second half of January. Action will be on CW, SSB and PacTOR, with special emphasis on the low bands. QSL via their home calls.

TURKS AND CAICOS ISLANDS. Joe, WB8GEX, will sign his call /VP5 from December 26 through year end. He will operate SSB on 160 through 10 meters. QSL via WB8GEX with SASE. Remember that new postage rates go into effect January 1.

EASTERN KIRIBATI. Only three of the original five operators will be active from Christmas Island for the DXpedition slated for December 27 to January 2. Listen for T32J by JR5JAQ, T32A by JA5EXW, and T32X by JA4GXS. For CW try 1806 and 1910, 3506, 7006, 10106, 14006, 18074, 21006, 24896, 28006 and 50110 kHz. SSB will be around 3799, 7070, 14190, 18120, 21290, 24940, 28490 and 50110 kHz. Last but not least, for RTTY check 7035, 14086, 21086, and 28086 kHz. QSL via their home calls.

TUNISIA. Tomo, JH2PDS/1, reports that Karl, DK2WV, will probably not be able to operate as 3V8W this year.

SOUTH GEORGIA. Al, WA3YVN, reports that the SGI trip is a go for January 4 to 19. Before departure to SGI, listen for Al, Jan, WA4VQD, and Vince, K5VT, to be on the air from the Falklands.

EASTER AND SALA Y GOMEZ ISLANDS. Bob, KK6EK, and Carlos, NP4IW, are planning a serious DXpedition to these islands for sometime in August and September of 1995. Permits have been obtained. The calls will be XR0Y for Easter Island and XR0Z for Sala y Gomez Island. The team will probably consist of 24 operators, with some big-time calls in DX and contesting being mentioned. They include KK6EK, NP4IW/6, KA3MUF, KD8IR, W6MKB, ON6TT, WJ2O, AB7BB, K9SJC, AA6KX, K1OCS, K1XM, KQ1F, WA5DAN, KD6ISY, and AA6TT.

QSL ROUTE CORRECTION. Wayne, WB6EQX, reports that he is receiving cards for 9K2MU. The correct QSL Manager for 9K2MU is WA4JTK.
NNNN
/EX

SB DX @ ARL $ARLD077
ARLD077 DX news

ZCZC AE75
QST de W1AW
DX Bulletin 77 ARLD077
>From ARRL Headquarters
Newington CT December 29, 1994
To all radio amateurs

SB DX ARL ARLD077
ARLD077 DX news

The items in this week's bulletin are courtesy of Bob, W5KNE, QRZ DX, Chod, VP2ML, The DX Bulletin, Japan DX News, Edward, W9SI/OA4SS, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral Column from the pages of QST magazine. Thanks.

ANTARCTICA DXPEDITION. The VP8SGP operation is still a go. Departure from the Falkland Islands will be on December 31 with arrival on South Georgia Island expected to be January 4.

NEPAL AND BANGLADESH. Japan UNICEF Ham Club members were supposed to have been on the air from Nepal by now. There have been no PacketCluster spots for them on our local Connecticut node. Plans were for this group to move on to Bangladesh and operate from there during the first week of the new year. Keep an eye on the PacketCluster network.

PACIFIC DXPEDITION. Masa, JE1DXC, has worked around earlier flight reservation problems and his island hopping trip is now back on. Operations will be on 80 through 10 meters with CW, RTTY and SSB. January 19 and 20 he will operate as 3D2XC from Vanua Levu, IOTA OC-016. From January 21 to 26 he will sign T30XC from the Gilbert Islands, IOTA OC-017. Listen for T20XC on Tuvalu, IOTA 0C-015, from January 27 to February 2. February 3, 4 and 5 he will be back at Vanua Levu. QSL via JE1DXC.

VATICAN. Edward, W9SI/OA4SS, will be returning to Vatican City to work as an interpreter. His stay should be from early January through March 25. Though his work schedule will limit on the air activities, there will be some operating windows. They are Monday through Friday from 1400 to 1530 and 1930 to 2300z, Saturdays from 1400 to 1830 and 1930 to 2230z, and Sundays from 0800 to 1130, 1430 to 1830 and 1930 to 2230z. He also reports that the installation of a satellite array is slated for January or February. QSL via I0DUD. Edward maintains schedules Monday through Friday with KD8WS on either 21435 kHz at 1740z or the IMRA Net on 14280 kHz.

EGYPT. Said, SU1SK, reports that IK8AUC is not QSL Manager for his station. Said has no QSL manager. QSL SU1SK via PO Box 62, Shobra Alkima, 13411 Cairo, Egypt.

SAINT LUCIA. W9KDX, KS9W, K9BG, N9JCL and WA9AKT will be on the island January 7 through 13. They will be on 80 through 10 meters with CW, SSB and RTTY. They also plan to operate in the ARRL RTTY Roundup on the 7th and 8th. Call signs are to be issued upon their arrival. QSL via N9NCX.

CAYMAN ISLANDS. Isao, JH1ROJ, should be on the air as ZF2RO from December 29 to January 5. Listen on 75 through 10 meters for his CW and SSB. QSL his home call.

BARBADOS. Chris, G3VBL, is active as 8P9EM until January 12. He favors CW on the WARC bands. QSL via G3VBL.

THIS WEEKEND ON THE RADIO. The ARRL Straight Key Night is actually a 24 hour operating event starting at 7 PM EST December 31. In this low pressure event make friends on CW using a straight key. When giving signal reports, use SKN instead of RST so as to attract others to participate. More information appears on page 132 of November QST.
NNNN
/EX

73
Mike
G4KFK

****
* The CQ Centre BBS * 44 1753 595468 or 44 1753 593524 * Fido 2:252/320 *
* Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs *
* No access fee or subscription * All the latest ham radio-related News *
* The UK's most up-to-date lists of second user amateur radio equipment *
* Generous time & download limits * 1 MB download available on 1st call *
* Tel 44 1753 582085 * Fax 44 1753 592726 * Mail mike@g4kfk.demon.co.uk *
****

181. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:01:53 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan4.160153.11833@ke4zv.atl.ga.us>
Source record: 253859
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3eccr3$sla@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
>You've got some good suggestions for test content, Gary, but the rest
>of your post is kicking a dead horse! There`s little question that the
>current exams are not very good at doing what they purport to want to do.
>We're not in (much) disagreement there. I still don't think your
>concerns about "promoting life-long learning" could be satisfied with
>a one-time all-priveleges entry exam. A PROPERLY designed incentive
>system seems more likely to do the trick.

For an incentive system to have any meaning in the context of lifelong learning, the series of tests and incentives would have to be of lifelong scope, IE a test a day granting an extra kilohertz a day for life. That's obviously ridiculous. Certainly a 5 test system isn't going to address that issue. Worse, hams seem to take the "incentive" exams as graduation exercises, an end to test taking and learning, after those first few months of memorizing answers and practicing rote mechanical skills to wade through the set. I'm suggesting an exam that is clearly an *entrance* exam to a lifelong education process whose only graduation certificate is signed by the coroner.

Lifelong self training by its nature has to be self directed and self motivated. No test, or limited finite number of tests, can do that for the amateur. He has to do that from within. Some will, some won't, that's the nature of humans. All we can realistically do is make sure those about to begin the process have the rudimentary skills needed to pursue the course of learning they're about to embark upon. That only requires one test. But that test needs to be of a different scope, emphasis, and extent than any of the current tests, or of all the current tests taken together for that matter. Not *harder* necessarily, but *different*. It's important that the test be open book because that fosters a sense of "hey, I can find out the answers to questions myself" in the applicant that will be of lifelong use.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

182. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:12:58 UTC
From: kuehn@hera.cc.bellcore.com
Message-ID: <3eehea$fhs@hera.cc.bellcore.com>
Source record: 253873
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In article <D1vI3v.449@indirect.com>,
Pascal MacProgrammer <stevemac@bud.indirect.com> wrote:
>Not so very long ago, copeland@fohnix.metronet.com (Charles Copeland) said...
>>What is the origination of the term HAM referring to radio operators?
>>
>>Is it an abbreviation or word?
>
> It's now a word, as in "ham radio" = amateur radio, as a hobby.
> It is the first letter of the last name of each of three amateur radio
>pioneers, according to some ham radio information I read some decades
>ago, but I don't recall ever reading what those three names actually were.
>
>--
> ==----= Steve MacGregor
> ([.] [.]) Phoenix, AZ

theory 1: HAM -> Hertz, Armstrong, Marconi (?)
theory 2: HAM -> First letter of the last name of 3 pioneers who
started this hobby. (I knew the names but do not
remember them now, probably I have them written
down somewhere)
theory 3: HAM -> Probably in some language (?) the word amateur
is pronounced as hamateur and ham is an abbreviation
of hamateur.
theory 4: HAM -> Anybody adding on to this ?

- de asis W2/VU2MKI

183. Surge Protector Article

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:15:26 UTC
From: lydiapolk@aol.com
Message-ID: <3eehiu$6r3@newsbf02.news.aol.com>
Source record: 253860

A while back I wrote an article which exposes
the design flaw of almost all surge protectors
on the market.

If you'd like a copy of the article emailed to you,
just email me and type in the word "surge."

LydiaPolk@AOL.COM
America Online: Lydia Polk
CompuServe: 70743,2535

184. Re: Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:15:58 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan4.161558.11957@ke4zv.atl.ga.us>
Source record: 253861
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <78916340734n12@131.168.114.12> Earl=Morse%EMC=Srvc%Eng=Hou@bangate.compaq.com writes:
>>
>>What about it, fello OF's? Was the Novice a ghetto?
>>
>>Greg
>>WB0RTK
>>
>
>Nope, it was more like a bull pen (baseball vernacular). A place
>for you to warm up and unfold your stuff with others who were
>at your level. Away from the jeers and sneers of the high and
>mighty who might be looking to bash the new guy. There sure
>wasn't any derisive comments made novice to novice because
>each was just as shaky at the key.

ghetto n. 1. an area of a city where ethnic or religious minorities
are gathered (voluntarily or involuntarily) separate from others of
a different ethnic or religious bent. (see segregation) 2. Figurative:
"West Point is the beautiful ghetto. Everyone is healthy there, and
if they are not healthy they are discharged." (Atlantic)

I was using ghetto in the spirit of the figurative usage, as a place
where those of like kind are gathered, separated from contact with others
different from themselves.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

185. Re: How to Find Your Grid Locator

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:19:00 UTC
From: faunt@netcom18.netcom.com
Message-ID: <FAUNT.95Jan4081900@netcom18.netcom.com>
Source record: 253862

If you have the longitude and latitude, then the FPP (I think) packet
BBS systems have a conversion program available.
73, doug

186. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:29:36 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan4.162936.12045@ke4zv.atl.ga.us>
Source record: 253864

In article <1995Jan3.230659.4315@sol.cs.wmich.edu> radams@cs.wmich.edu (Robert Adams) writes:
>In article <3ecd7f$i3g@fohnix.metronet.com>,
>Charles Copeland <copeland@fohnix.metronet.com> wrote:
>>What is the origination of the term HAM referring to radio operators?
>>
>>Is it an abbreviation or word?
>
>It's a word. In turn-of-the-century parlance, "hamming" meant something
>like "playing around for the Hell of it." In radio this gave rise to
>"ham-fisted", a derogatory term used by professional operators to de-
>scribe sloppy sending. Something like QLF ("Are you sending with your
>left foot?").

Ah, let's ask the dictionary.

ham n. 1. the upper hind leg of a hog, usually smoked or salted
...{variations on hind legs}
5. slang (a) bad actor or (b) overacted

ham-handed adj. clumsy, inept

Ham n. second son of Noah, father of the African races (Bible)

HAM acronym for Home Amateur Mechanic magazine, a turn of the century magazine featuring home radio projects. "What kind of radio is that? It's one of those HAM radios."

Which one do you like?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

187. Codan X2 SSB info WANTED.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 16:59:42 UTC
From: sgrgasov@public.srce.hr
Message-ID: <3eek5u$okt@nippur.irb.hr>
Source record: 253868

I'm looking for any info about CODAN X-2 SSB Transreceiver.
THANX!

188. Re: Tire QRN, how to cure?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 17:30:37 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Jan4.173037.19880@news.csuohio.edu>
Source record: 253869

rc@itchy.ncsl.NIst.GOV (Robert Carpenter) writes:
:
< snip >
: v-- see above
: I vaguely remember some magic conductive powder from the BOD which was to be
: blown into tires to cure this type of noise. DOES IT STILL EXIST? ANY OTHER
: SUGGESTIONS? I watched while the tires were changed, so don't think that
: there was any accident in jacking the car.

Perhaps the magic powder was graphite - like graphite powder for
lubricating locks? It's conductive and would have a tendency to
coat the inside of your tire. The trick is getting it inside the
tire. You could jack up the desired tire, let all the air out,
and unscrew the valve core inside the stem (bike shops sell a little
tool that does this). This leaves you about a 3/16" hole thru
which you could dump some graphite directly into the tire. How much?
I dunno - but probably not enough to let it bunch up and throw the tire
off balance. Presumably, coating the inside of the tire with graphite
would help it ground out any static? Same idea used to coat CRT's
to ground them. I wonder if a little water would work instead?

Good luck.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

189. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 17:31:42 UTC
From: ys@isr.harvard.edu
Message-ID: <3eem1v$h8c@decaxp.harvard.edu>
Source record: 253870
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

The names of the three pioneers are Albert S. Hyman, Bob Almy, and Peggie Murray. They called their station Hyman-Almy-Murray, and some people claim that the call later became HAM. It is described in "Why An Amateur Radio Operator Is Called A 'HAM'" in The Amateur Radio Communicator, March/April 1994 issue, page 19. The article is about half a page. If many people are interested in the article, I will post it here. By the way, these three were members of the Harvard Wireless Club.

73, Yuzuru Suzuki, AA1JA
(e-mail address: ys@isr.harvard.edu
member of Harvard Wireless Club, W1AF)

190. Re: Help outback

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 17:36:03 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D1w684.6B2@nctams1.uucp>
Source record: 253871

The only thing I can remember about my time in the bush was the
ambulance that I volunteered on had an HF rig, set for the channels
of the Royal Flying Doctor Service. However, we were in a small shire,
and had a phone system.

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

191. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 18:37:49 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3eetfo$r7j@ra.nrl.navy.mil>
Source record: 253877
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In article <3ecd7f$i3g@fohnix.metronet.com>, copeland@fohnix.metronet.com says...
>
>What is the origination of the term HAM referring to radio operators?
>

I read an article a while back, in "Radio Fun" I believe it was, that told the story of the origin of the term HAM. The original amateur broadcasting station was located in Boston, I believe, and it was run by three individuals whose names were H something, A something and M something. When the predecessor of the FCC came along and initiated the concept of identification by callsigns, the station first used the first 2 letters of each of the three owners names. It was later shortened to HAM, and the name stuck to become synonymous with amateur radio.

Its interesting, but I have observed that a significant number of people I meet do not know what amateur radio is, but they _do_ know what HAM radio is and often nod sagely in awe and wonderment when they find out that I am a HAM radio operator. Maybe its because they thought I was so stupid that... uh, hey wait a minute!!!

Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

192. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 18:42:46 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3eetos$r7j@ra.nrl.navy.mil>
Source record: 253981
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In article <3eem1v$h8c@decaxp.harvard.edu>, ys@isr.harvard.edu says...
>
>The names of the three pioneers are Albert S. Hyman, Bob Almy, and
Peggie
>Murray. They called their station Hyman-Almy-Murray, and some people
>claim that the call later became HAM. It is described in "Why An
Amateur
>Radio Operator Is Called A 'HAM'" in The Amateur Radio Communicator,
>March/April 1994 issue, page 19. The article is about half a page. If
>many people are interested in the article, I will post it here. By the
>way, these three were members of the Harvard Wireless Club.
>
>73, Yuzuru Suzuki, AA1JA
>(e-mail address: ys@isr.harvard.edu
> member of Harvard Wireless Club, W1AF)
>

Woops, Okay, so it was not "Radio Fun" magazine. I, for one, would like
to have the article text, if we can do that without blowing some
copyright lawyers minds. Please post it...

Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

193. Repeater Directory File?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 18:54:29 UTC
From: mbrown@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3eeqt5$n74@grant.cstar.andersen.com>
Source record: 253878

I remember reading here about the suggestion of an on-line repeater
directory. Did anything ever happen with this?

I would be satisfied with a text file dump of the ARRL repeater
directory that I could do searchs on using grep or any text manipulator.

KF9VC
Mike

194. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 19:53:57 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3eeucl$9ps@fido.asd.sgi.com>
Source record: 253983

00nzwilliams@bsuvc.bsu.edu wrote:
>
> In article <3ecd7f$i3g@fohnix.metronet.com>, copeland@fohnix.metronet.com (Charles Copeland) writes:
> > What is the origination of the term HAM referring to radio operators?
> >
> > Is it an abbreviation or word?
> >
> > --
> > --
> > | There are two types of people in this world, those who separate |
> > | people into groups,and those who don't. copeland@metronet.com|
> > --
> --
>
> Try "An Hamateur." ;-)
>
> Nyal Z. Williams
> 00nzwilliams@bsuvc.bsu.edu

How about

Hertz-Ampere-Marconi ???

But that would make it HAM not ham. OOPS!!

And for those who don't know about Marconi...

Aditya

195. Re: RS-15

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 19:58:21 UTC
From: paidukas@huey.mis.semi.harris.com
Message-ID: <3eeukt$mav@hearye.mlb.semi.harris.com>
Source record: 253999

In article AA10651@rgfn.epcc.Edu, ac579@rgfn.epcc.EDU (Roland Cowan) writes:
>
>
>Is there any KEPS out yet on RS-15?
>Please forward them if you have them.
>Thanks
>
>--
>Roland Cowan WF4P/AAT6MC
>ac579@rgfn.epcc.edu

Here you go, RS-15 is in there...

Paul KE4QJA
Packet: KE4QJA@KD4WLE.#MLBFL.FL.US.NA Internet: KE4QJA@theborg.mlb.fl.us
Work: paidukas@huey.mis.semi.harris.com Fax: (407) 729-5064

From ARRL Headquarters
Newington, CT December 31, 1994
To all radio amateurs

SB KEP ARL ARLK057
ARLK057 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:
1 AAAAAU 00 0 0 BBBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

STS-63
1 99963U 95999A 95033.30211252 .00136628 00000-0 40709-3 0 16
2 99963 51.6699 114.9867 0040902 359.8331 0.2628 15.95289378 24
AO-10
1 14129U 83058B 94362.30354351 -.00000400 00000-0 10000-3 0 3330
2 14129 26.6502 290.8469 6024517 239.2864 48.4317 2.05884111 58816
RS-10/11
1 18129U 87054A 94363.53916398 .00000027 00000-0 13106-4 0 12
2 18129 82.9233 184.4505 0010824 196.6152 163.4642 13.72346431376705
UO-11
1 14781U 84021B 94362.05077029 .00000121 00000-0 28260-4 0 7635
2 14781 97.7808 7.6562 0012487 14.5055 345.6503 14.69288118578778
RS-12/13

```
1 21089U 91007A 94362.08106916 .00000046 00000-0 33102-4 0 7645
2 21089 82.9220 227.6513 0028164 291.2297 68.5843 13.74052236195275
AO-13
1 19216U 88051B 94359.45521171 .00000299 00000-0 10000-4 0 27
2 19216 57.6425 212.9941 7252695 357.9387 0.3797 2.09718713 18526
UO-14
1 20437U 90005B 94360.24202022 .00000025 00000-0 26635-4 0 620
2 20437 98.5815 82.3189 0011391 351.8601 8.2386 14.29869250257034
RS-15
1 23439U 94085A 94362.60621975 -.00000042 00000-0 00000+0 0 107
2 23439 64.7982 170.9390 0224393 305.3126 52.6969 11.19236697 283
RS-15?
1 23440U 94085B 94361.79150546 -.00000043 00000-0 00000+0 0 10
2 23440 64.8297 172.1572 0188748 292.0126 66.1014 11.27113018 197
AO-16
1 20439U 90005D 94364.20885962 .00000005 00000-0 18802-4 0 8614
2 20439 98.5910 87.6821 0011586 341.1391 18.9362 14.29923549257615
DO-17
1 20440U 90005E 94360.22588266 .00000034 00000-0 29954-4 0 8613
2 20440 98.5910 84.1439 0011736 351.7149 8.3841 14.30063909257060
WO-18
1 20441U 90005F 94364.19293213 .00000013 00000-0 21928-4 0 8653
2 20441 98.5901 88.0448 0012227 340.5210 19.5507 14.30036727257639
LO-19
1 20442U 90005G 94360.72952977 .00000025 00000-0 26589-4 0 8604
2 20442 98.5931 84.9366 0012688 349.6811 10.4102 14.30135799257152
FO-20
1 20480U 90013C 94364.22091868 -.00000011 00000-0 56365-4 0 7584
2 20480 99.0619 119.2779 0539750 255.6286 98.4327 12.83229177229276
AO-21
1 21087U 91006A 94361.00590256 .00000093 00000-0 82657-4 0 5512
2 21087 82.9394 0.0073 0034144 267.9634 91.7610 13.74549524196079
UO-22
1 21575U 91050B 94364.15223932 .00000048 00000-0 30641-4 0 5679
2 21575 98.4133 74.4924 0008654 65.2551 294.9534 14.36952043181224
KO-23
1 22077U 92052B 94364.09429761 -.00000037 00000-0 10000-3 0 4608
2 22077 66.0779 229.8002 0013913 241.2790 118.6829 12.86289982111980
KO-25
1 22828U 93061F 94364.19788759 -.00000008 00000-0 14625-4 0 3367
2 22828 98.6330 77.9519 0010360 348.0472 12.0465 14.28081413 33757
KO-25?
1 22830U 93061H 94361.18607604 .00000042 00000-0 34202-4 0 3657
2 22830 98.5369 70.1242 0011558 334.9907 25.0715 14.28078699 65249
IO-26
1 22826U 93061D 94360.23799017 .00000025 00000-0 28081-4 0 3566
2 22826 98.6374 74.0142 0009759 14.0258 346.1189 14.27752933 65092
AO-27
1 22825U 93061C 94364.19588153 -.00000002 00000-0 17069-4 0 3594
2 22825 98.6366 77.8557 0008724 2.5345 357.5880 14.27646793 65655
```

PO-28
1 22829U 93061G 94360.21319314 .00000028 00000-0 28846-4 0 3501
2 22829 98.6341 74.0370 0010561 359.9147 0.2026 14.28057393 65102
Mir
1 16609U 86017A 94364.24611840 .00003865 00000-0 56300-4 0 8782
2 16609 51.6491 284.5863 0001987 102.3474 257.7740 15.58409123506575

Keplerian bulletins are transmitted twice weekly from W1AW.
The next scheduled transmission of these data will be Tuesday,
January 3, 1995, at 2330z on Baudot and AMTOR.

---

196. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 20:08:37 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3eev85$bko@fido.asd.sgi.com>
Source record: 253990

Aditya Angrish <aditya@corp.sgi.com> wrote:
>
> How about
>
> Hertz-Ampere-Marconi ???
>
> But that would make it HAM not ham. OOPS!!
>
> And for those who don't know about Marconi...
>
> Aditya

Double OOPS!! that middle fella should be Angstrom not Ampere.
(1 Angstrom = 1 x 10^-10 meters)

Aditya

197. Icom Rig control software?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 20:10:20 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3eevbc$3nje@yuma.ACNS.ColoState.EDU>
Source record: 253874
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I'm looking for software that will allow me to control my Icom radios
from my PC. FTP shareware or vendor info appreciated, software that
doesn't require windows desired. I have the RS-232-Radio interface.
I've tried a few radio BBS's, and none of them have what I want.

Post it for everybody,
galen, KF0YJ

198. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 20:22:14 UTC
From: azoth@netcom.com
Message-ID: <azothD1wDx2.Hy5@netcom.com>
Source record: 254007

Aditya Angrish (aditya@corp.sgi.com) wrote:

: > Hertz-Ampere-Marconi ???

: > But that would make it HAM not ham. OOPS!!

: Double OOPS!! that middle fella should be Angstrom not Ampere.

Third OOPS!! is the charm: don't you really mean Armstrong, arguably one of the most influential radio circuit innovators ever, and a Home Amateur Mechanic par excellance?

RF Buchanan

199. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 20:32:58 UTC
From: gerheim@sonalysts.com
Message-ID: <3ef0lq$6v4@hatch.sonalysts.com>
Source record: 253875
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

> In article <3ecd7f$i3g@fohnix.metronet.com>, copeland@fohnix.metronet.com (Charles Copeland) writes:
> > What is the origination of the term HAM referring to radio operators?
> >
> > Is it an abbreviation or word?

At one time, it was thought to be the call sign of (then boy wonder)
David Sarnoff who was one of the first shore stations to hear
of the Titanic disaster. This rumor has since been refuted.

--
****
Al Gerheim, N4QN |Opinions expressed here|
gerheim@sonalysts.com |are my own.
Work: (203)442-4355 | |
****

200. Re: Tire QRN, how to cure?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 20:44:14 UTC
From: rkm@vectorbd.com
Message-ID: <D1wExr.DEG@vectorbd.com>
Source record: 254008

Robert Carpenter (rc@itchy.ncsl.NIst.GOV) wrote:

: Ok all you bright folks, I have a problem!

: I bought new tires for my car and now have "sizzling" QRN on some road
: surfaces. That's on the AM broadcast band. No such trouble with the old
: Michelin tires, but the new Pirelli 300 ones have the problem; same stations
: same places as before.

: The noise goes away when brakes are applied, thus really grounding the moving
: part of the axle/wheel assembly. I know that QRN from static electricity
: arcing across wheel bearings was a fairly common problem in the Bad Old Days
: (BOD), but I doubt if that could be the problem since only the wheels were
: removed in the tire swap.

: Could the new tires be slightly piezoelectric? The noise is worse on a
: jiggly road.
: v-- see above
: I vaguely remember some magic conductive powder from the BOD which was to be
: blown into tires to cure this type of noise. DOES IT STILL EXIST? ANY OTHER
: SUGGESTIONS? I watched while the tires were changed, so don't think that
: there was any accident in jacking the car.

Actually, a lot of newer tires are being made with much less carbon-black
in them than in the old days. As a result, you start getting effects
like you've noticed, as well as static shocks when you leave the car.
My solution was to exchange the pirelli tires I had for some Goodyear
Eagles. Both the shocks and interference went away. :-)

- Rich

201. SSTV software needed for Amiga

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 21:03:37 UTC
From: dave@flowserver.stem.com
Message-ID: <9501042101.AA29331@flowserver.stem.com>
Source record: 253876
Cross-posted to: comp.sys.amiga.hardware,comp.sys.amiga.marketplace,rec.radio.amateur.misc

Greetings! I just received an MFJ-1278 multimode TNC and use it for sstv and fax work as well as the usual packet-esque stuff. I do not however have any software to run it. The MFJ Multicom package for the amiga only handles b/w sstv and I think color is a necessity. If anyone out there knows of any decent amiga software to run the thing for SSTV and fax, I'd appreciate the information (or the software if you're selling). I'm currently running WB 1.3 but will upgrade to 2.1 if someone will sell me a rom at a reasonable rate.

73 de dave, n9uxu

202. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 21:07:09 UTC
From: greg@core.rose.hp.com
Message-ID: <D1wFzx.2u8@icon.rose.hp.com>
Source record: 254001

On a recent flight (Alaska Airlines) they made a point to tell everyone to turn off and put away all "personal electronic devices, such as laptop computers, game boys, and walkman-type "things" (I forget the word they used) whenever the plane was below 10,000 ft. They also told us when it was OK to use such things.

They didn't say whether the walkman-type things were tape players or radios, and I was curious whether my HT (rx only, of course) could be considered a "personal electronic device". I never got a chance to ask.

Anybody know?

Greg KD6KGW

203. REPEATER CONTROLLER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 21:35:54 UTC
From: jerrys@freenet.vancouver.bc.ca
Message-ID: <3ef4bq$859@freenet.vancouver.bc.ca>
Source record: 253978

Hello all;

I am about to go out and purchase a repeater controller for our
club's repeater. I would appreciate hearing any comments as to
what you guys can recommend. Make, Modem, Cost, Features.

Feel free to post a followup or email me.

Thanks
Jerry

204. Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 21:47:00 UTC
From: paul.whatton@posnet.co.uk
Message-ID: <950105220005290@posnet.co.uk>
Source record: 253980

In a message of 04 Jan 95 Cleve E Massey wrote to All:

CEM> Ok here is a chance to get it off your chest...is six meters worth the
CEM> time and money to get into???
CEM> Read a good book on "The Magic Band" and the author makes it sound
CEM> like the next ham heaven...not much QRM...polite operators and gear
CEM> that still be had for reasonable $$$ used and antennas easy to build.
CEM> So let me know...I can work all the bands but find not having a lot of
CEM> time, I thought concentrating on six meters might be a good way to be
CEM> active, focused, and enjoy ham radio like I used to.

Hello Cleve

Interesting question this. I don't know if much of my European perspective will be all that relevant to you on the other side of the pond. But here goes anyway. I'm currently on just two bands running SSB/CW, 50MHz and 1296MHz- but I was always wierd as a kid!

Six is a kind of mix between ten metres and two metres. During the height of the sunspot cycle it behaves like a Hf band and DX QSOs are possible right round the globe using quite simple equipment. It takes dedication to get DXCC on six, although since Europe came on stream, not as much as it used t. With my little station (homemade 3 element yagi and never more than 100Watts (often just 10W) I'm on about a half DXCC. There's a terrific high about working inter-continental DX on six.

But of course we're going to have to wait a few more years before all that great propogation returns. In the meantime six behaves somewhat like other VHF bands. Here in Europe we're lucky enough to have a large number of countries within single hop Sporadic E distance. During the summer (especially f course June) six opens almost daily within Europe with S9+++ signals. Similarly meteor-scatter is very easy on six. I used to use a lot of MS on 144MHz and six is much much easier.

Tropo openings are much rarer than on the higher VHF bands.

So I'd say you have to have a mix of HF and VHF operating skills to get the best from six. Why not start off cheaply and simply until you decide if you like the band. I made my 3 element for under 20 dollars (3 element NBS) and the boom length is only about six feet. I transvert from my Yaesu two mere SSB rig and have a small homebrew transistor linear amplifier. If you like what you find you can always spend a lot more dollars to get a state-of-the-art station.

73 de Paul G4DCV

... Amiga Amateur Radio User Group. Free Membership. Netmail me for details.
--- Spot 1.3 #997
* Origin: Paul's Point off AmigaBee (2:254/214.6)

205. Re: Tire QRN, how to cure?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:01:51 UTC
From: jbromley@sedona.intel.com
Message-ID: <3ef5sf$an6@chnews.intel.com>
Source record: 253982

In article <9501041238.AA05579@itchy.ncsl.nist.gov>,
Robert Carpenter <rc@itchy.ncsl.NIst.GOV> wrote:

>I bought new tires for my car and now have "sizzling" QRN on some road
>surfaces....

>The noise goes away when brakes are applied, thus really grounding the moving
>part of the axle/wheel assembly. I know that QRN from static electricity
>arcing across wheel bearings was a fairly common problem in the Bad Old Days
>(BOD), but I doubt if that could be the problem since only the wheels were
>removed in the tire swap.

The new tires don't conduct as well as the old ones. The BOD solution
was to place a spring inside the grease cup to short the wheel to the
bearing shaft. You might try some graphite powder in the wheel
bearing grease. Check with the dealer for your particular car.

Jim Bromley, W5GYJ <jbromley@sedona.intel.com>

206. Operation from Cyprus

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:09:47 UTC
From: paul.whatton@posnet.co.uk
Message-ID: <950105220005291@posnet.co.uk>
Source record: 253984

In a message of 03 Jan 95 David Shipman wrote to All:

DS> I will be going to Europe at the beginning of May and will probably
DS> take a week somewhere warm! Current plans indicate Cyprus, or the
DS> Canary Islands. Can anyone give me information re operation from these
DS> two locations - lead times for documentation, local contacts and any
DS> other input you feel is valid. While I am an experienced traveller this
DS> will be my first 'DX Expedition' so I will appreciate all feedback!

Hello David

The addresses I have are:

Senior Telecomms Officer, Ministry of Comms & Works, Nicosia, Cyprus. Tel
Cyprus 357 24 02268

Sr Ing Jefe de los Servicios de Telecommunicacion, Direccion General de
Correos y Telecommunicacion, Subdireccion General de Telecommunicacion,
DCHA, Madrid 14, Spain.

These were correct at 1992 but of course may have changed since. I guess
your national radio society will have up to date information. Be warned
some administrations take up to 6 months to issue a licence!!

DS> Happy New Year to All!!!

Happy new year to you too David

73 de Paul G4DCV

... Amiga Amateur Radio User Group. Free Membership. Netmail me for details.
--- Spot 1.3 #997
* Origin: Paul's Point off AmigaBee (2:254/214.6)

207. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:10:37 UTC
From: jerry@isi.com
Message-ID: <3ef6ct$3en@bashful.isi.com>
Source record: 253985

In article <cb.25378.2099@nitelog.com> greg.pool@nitelog.com (Greg Pool) writes:

>self-explanatory. I agree with most that we should be getting
>away from calling ourselves hams and instead call ourselves Amateur
>Radio operators. That's primarily because I want people to know why I am
>standing in a Red Cross shelter with a radio in my hand, but I think it
>is good for the other aspects of our hobby, too.

I think perhaps we should get away from calling ourselves "amateur" as
well. It implies we're some kind of inexperienced beginners. Private
pilots don't call themselves "amateur" pilots, so why should we?
Perhaps "private radio operator" isn't a good term, but we can think
of something better than "amateur" or "ham".

- Jerry

208. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:11:05 UTC
From: Hans Brakob <71111.260@CompuServe.COM>
Message-ID: <3ef6dp$c5t$1@mhadg.production.compuserve.com>
Source record: 253986

The calls with "X" as the initial letter of the suffix are assigned to eXperimental stations, thus are not available to the Amateur service.

That additional list of suffixes has been mostly banned since Moby Dick was a minnow, and has nothing to do with any current "politically correct" environment in Washington. While it may seem like a silly list to you, many of those suffixes form words or homonyms which would be patently offensive to some folks. To take one of the "milder" examples, suppose a young lady who was sensitive about her weight got the call "KC0PIG". I can imagine her Amateur career would end before the mailbox was closed.

73, de Hans, K0HB

--
Hans Brakob, K0HB | EX-KG6AQI, WA0PQF, WB9DLL
| WB4GXH, WB0WFF
| 73 from Minnesota

209. Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:29:33 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3ef7gd$s2c@acme.freenet.columbus.oh.us>
Source record: 253987

Not sure I know what u r talking about.

I have a call N8XCT which HAS the initial letter of the suffix as
an X.

Are you talking about 0/your region? In 8 Land as far as I can
tell ALL N8X?? were issued. It seems the message here is a reply
to an older message. Since I could not read the prior, this
reply maybe in error if u are talking about another country
or something. If so, accept my apologies and save the flames for
they will not be acknowledged.

73,
joe
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Official Relay Station (ORS),
Local Govt Liaison (LGL) Pickaway County OH,
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

210. MORSE Code Study-Guide...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:50:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20550.7585.0NFB8AA5@woodybbs.com>
Source record: 253988

MI>I'm starting to learn morse code and would like to know if there are any
>preferences when it comes to learning methods? I like the idea of
>computer software and would like to know what you feel is the best or
>better of the types available.

When I teach classes, I use the following groupings of letters to be
learned by my students:

ETOANIS
RHDUCLM
PFWYGB
JKQXZV
12345
67890 __ __ __
,.?/ AR SK BT

I encourage students to stay with a set until they can copy it with 95%
accuracy every time and THEN to go to the next set. This takes an
average of one week per set IF they study twice a day for 20-30 minutes
each session.

There's no point in speeding through the sets if you don't learn them
thoroughly.. and it's a LOT more difficult to come back and try to
re-learn them the 2nd time.

Computer programs work decently. But once you have your license GET ON
THE AIR and USE your abilities to get your proficiency up to the next
level.. on-the-air operation will substantially speed up your progress.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

211. Re: ham, HAM, hmmm

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:53:42 UTC
From: haynes@cats.ucsc.edu
Message-ID: <3ef8tm$bik@darkstar.UCSC.EDU>
Source record: 253989

In article <D1w0Mr.Iox@wang.com>, Dave Bushong <dbushong@wang.com> wrote:
>oo7@astro.as.utexas.edu (Derek Wills) writes:
>
>
>>After going through the ham/HAM thing yet again,
>
>>copeland@fohnix.metronet.com (Charles Copeland) innocently asks:
>
>>>>What is the origination of the term HAM referring to radio operators?
>
>>I dunno, but can I use an HT on a commercial airliner?
>
>Only if you aren't posting a cookie recipe via packet.
>--
And keep those cards and letters coming to Craig Shergold.
And remember to send Dave Rhodes some money.
And beware the blue star tattoo.

212. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 22:59:36 UTC
From: haynes@cats.ucsc.edu
Message-ID: <3ef98o$ble@darkstar.UCSC.EDU>
Source record: 253896
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

We need an FAQ file big enough to hold all the answers to this question.

It has been reliably established by a Real Historian that in 19th century wire telegraph practice, poorly-skilled operators were called "hams" or "plugs", and the for-profit schools where they learned telegraphy were called "ham factories" or "plug factories". He didn't say whether "ham" was derived from "ham-fisted" or from some other source; but certainly the term was in common use before there was radio.

Now any of these theories about how amateur radio came to be called "ham" are up for grabs; but it seems highly plausible that early professional radiotelegraph operators came from the ranks of wire telegraphers and would refer to amateur operators as "hams".

213. Re: ham, HAM, hmmm

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 23:06:36 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3ef9ls$1bf@news.CCIT.Arizona.EDU>
Source record: 253991

In article <3edfje$9h6@geraldo.cc.utexas.edu> oo7@astro.as.utexas.edu (Derek Wills) writes:
>
>I dunno, but can I use an HT on a commercial airliner?
>

No you can't, you ignorant fool! Now sit up straight and pay attention!!

Howard Lester, HAM radio KE7QJ

214. IPS Daily Report - 04 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 23:11:19 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan4.231119.19519@ips.oz.au>
Source record: 254017
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 04/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 04 JANUARY AND FORECAST FOR 05 JANUARY - 07 JANUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 77/16

GOES satellite data for 03 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.1E+04
Daily Electron Fluence >2 MeV: 1.7E+07 (normal)
X-ray background: A7.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
05 Jan 06 Jan 07 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 05 Jan: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 03 Jan
Learmonth 13 3333 4222
Fredericksburg 14 18
Planetary 15 21

Observed Kp for 03 Jan: 4353 3433
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
05 Jan 14 Unsettled
06 Jan 8 Quiet to unsettled
07 Jan 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

04 Jan normal fair-normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
05 Jan normal normal fair
06 Jan normal normal fair
07 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
04 Jan 18 near predicted monthly values

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
05 Jan 20 Near predicted monthly values
06 Jan 25 Near predicted monthly values
07 Jan 25 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

215. Re: HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 23:14:16 UTC
From: wcoyle@delphi.com
Message-ID: <Zay5Y9Y.wcoyle@delphi.com>
Source record: 253992

In reguards to using an old crystal controlled unit for packet,
I've read that this would be a very *bad* idea. Has anyone
considered that this crystal controlled set would use a relay
for TX/RX switching? This would slow down you communications
to a great extent.

Ps. I'm new to the whole packet game, so if what I've said is
irrelivent, I'm sorry....

73
Bill
N3OGH

216. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 23:17:53 UTC
From: wcoyle@delphi.com
Message-ID: <Zaz4QrR.wcoyle@delphi.com>
Source record: 254006

SOS and Lid I understand (who would want the callsign N3LID??)
but some of them are really far removed from what anyone would
call offensive.

DOG? why DOG?

73
Bill
N3OGH

217. Re: Archives at SunSITE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-04 23:59:59 UTC
From: bdillon@admin.aurora.edu
Message-ID: <Pine.3.89.9501041738.A3981-0100000@admin.aurora.edu>
Source record: 253994

ab4el@cybernetics.net (Stephen Modena) writes:

>SunSITE.unc.edu
>/pub/academic/agriculture/agronomy/ham

>--
>73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

Thanks, Steve, but the location of "ham" files under "agronomy" has got to beg the question: Did someone think "ham" had a different meaning than was intended here?

Bob

218. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 00:27:36 UTC
From: philip@wv.mentorg.com
Message-ID: <3efedo$72u@hpbab.wv>
Source record: 254015

In article <D1wFzx.2u8@icon.rose.hp.com>, greg@core.rose.hp.com (Greg Dolkas) writes:
|> On a recent flight (Alaska Airlines) they made a point to tell everyone to
|> turn off and put away all "personal electronic devices, such as laptop
|> computers, game boys, and walkman-type "things" (I forget the word they used)
|> whenever the plane was below 10,000 ft. They also told us when it was OK to
|> use such things.
|>
|> They didn't say whether the walkman-type things were tape players or radios,
|> and I was curious whether my HT (rx only, of course) could be considered a
|> "personal electronic device". I never got a chance to ask.
|>
|> Anybody know?

Yes, they mean your HT.
If you listen carefully, and/or read the info in the in-flight magazine,
you will also find a list of items prohibited at all times (even above
10,000 feet) - this will include your HT.

Its in the same class as a cellular phone - must be left off at all times.
(even on rx only).

Philip

219. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 00:37:22 UTC
From: drt@world.std.com
Message-ID: <D1wpqA.Hrs@world.std.com>
Source record: 254019

Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:

: Not sure I know what u r talking about.

: I have a call N8XCT which HAS the initial letter of the suffix as
: an X.

Yes, that's right. X cannot be the first letter of the suffix for
2x3s, since these are allocated to the Expertimental Service. For
example, you won't find KA#X$$ issued to any amateur. In addition,
the 1x1 callsigns cannot have X as a suffix (e.g., K1X), but the rest
are allocated to the Amateur service, believe it or not (X-suffixed
1x1s don't seem to be assigned to any service). Every other format
can have an X suffix. So don't worry, you're legal!

-drt

|David R. Tucker KG2S drt@world.std.com|
---

220. 6 Meters discussed On National Radio Show!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 00:39:44 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.310.0011AA0C@indirect.com>
Source record: 253879

This Sunday, 1/8/95, at 6:00pm EST, Will Anderson, AA6DD, will be the special guest. Will is President of one of the largest 6 meter clubs in the country. He will discuss the history of 6 meters, its ups and downs, all the modes available, and what's happening today. So be sure to tune in and listen, or give a call and ask Will a question on the Ham Radio & More Show on the Talk America Network. It's also available live on satellite on Spacenet 3, Transponder 9, 6.8 audio. If you want to call in to the show, use the caller line at 1-800-298-talk. For more info call 241-1510, or try our home page courtesy of the Boston ARC at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
73,
Len, KB7LPW

221. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 00:55:04 UTC
From: wdh@Eng.Sun.COM
Message-ID: <3efg18$8ca@engnews1.Eng.Sun.COM>
Source record: 254000

In article 1@mhadg.production.compuserve.com, Hans Brakob <71111.260@CompuServe.COM> writes:

> suppose a young lady who was
>sensitive about her weight got the call "KC0PIG". I can imagine
>her Amateur career would end before the mailbox was closed.

Amen. Can one ask for another callsign if they dislike theirs enough to be embarrased about it? My wife got KD6BUN.

...Dennis Henderson, N6TTW

222. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 02:16:09 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3efkp9$a6s@yrkpa.kias.com>
Source record: 254025
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

```
:
got my Novice in 1962...one year, non-renewable, CW only, crystal
: control only. Far from being a "ghetto", I, and I imagine many
: others, considered this a fantastic WONDERLAND!

: Greg
I gotta tell ya Greg, I agree 100% with you. When I started as a novice
back in 1960, there was no no-code . I had a blast running 5 watts CW
and working the world. I'd hear guys on phone running 2000 watts screaming
for a 'new country' and I'd work the same DX on CW with 5 watts and no
mass pileups. Learning CW isn't a penalty by a long shot. It opens you
up to a fun way to work the world on a minimum budget and laugh at the
power hogs on SSB.

It only takes a few weeks to learn and thats it. Guys, it's not that hard.
Learning Chinese, that's hard. Give it a try. You just might like it.

John K3NXU
```

223. ** New England Ham - Electronic Fleamarket Dates ** 1 Jan ** Update

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 02:30:45 UTC
From: w1gsl@ATHENA.MIT.EDU
Message-ID: <3eflkl$e0l@senator-bedfellow.MIT.EDU>
Source record: 254026
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics,ne.forsale

```
New England Area Ham - Electronic Flea Market *** DATES *** 1995 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
*********************************************************************************
1995 Contact Source
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
15 Jan Yonkers NY @Lincoln HS $5@9 $25/T@7 Otto WB2SLQ 914 969 1053 F

21 Jan Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665 F

4 Feb Gardner MA MARC Auction@1 s@12 @AmLegion ElmSt Paul N1IPG 508 632 9432

11 Feb Goshen NY OrangeCoARC Bruce N2KTV 914 496 9091 A+

12 Feb Freeport NY LIMARC @ Armory S@7 B$6@9 Neil WE2V 516 462 5549 +

18 Feb Marlborough MA AlgonquinARC @MS $2@10 $15/T@7 Ann KA1PON 508 481 4988

25 Feb Milton VT RANV @HS Mitch WB2JSJ 802 879 6589

25 Feb Lewiston ME AARC @Multi P CTR Birch St Sal W1CUW 207 998 2853 F

26 Feb Westford MA Radio XXVI @Regency Antique $4@8:30 A.R.C. 508 371 0512

5 March Northampton MA MtTomARA @Smth VoT Jim K1MEA 413 527 3199

12 March Bristol CT ICRC @eastrn HS rt229 B $4 S $10/T Al N1JWF 203 747 1925 F

18 March Hudson NH IRS @Lions Hall $10/T@6:30 $2@8 John KA1FYB 603 881 5796

19 Mar Westboro MA MMRA @HS S$call@8 B$2@10 Walter N1HBR 508 489 2282

25,26 March Baltimore MD Hamboree @Timonium 8A- $5 Sell $5/10+ 800 HAM FEST

2 April Southington CT SARC @DePaolo JrHS $10@8:30 $3@9 N1GCV 203 621 6191 F

8 April Portland ME UofSM @gym $6@6:30 $4@8 x6bI295 KA1FI 207 846 9090

9 April Framingham MA @ HS $14@8 $10tg $5@9 $2@10 Lew K1AZE 508 879 7456 F

16 April Cambridge MA FLEA at MIT Nick 617 253 3776 F
buy $2@9A sellers $10/sp@7A $8in adv
Season Pass Special All 7 Months for $35/space
3rd Sunday Each Month April thru October

22 April Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

22,23 April Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) 617 965 0807 F+

28-30 April Dayton OH F
```

7 May Poughkeepsie NY Mt B ARC @Arl HS $8/T@6 $5@8 Ken KL7JCQ 914 485 9617 +

12,13 May Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG

19-21 May Rochester NY ARRL NY Conv. Harold K2HC 716 424 7184 A

20 May Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7507
~~~~~~
LAST UPDATE 12-29-94 de W1GSL P 1 of 2
****
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
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P 2 of 2
~~~~~~
1995 Contact Source
~~~~~~
21 May Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October

4 June Newington CT @HS Flea + ARRL HQ OH Bob KD1LU

10 June Goshen CT SoBARC @FG rt63nr4 Sid K1SS 203 364 0480

17 June Hermon ME Pine St ARC Roger KA1TKS 207 848 3846 A

17 June Rutland VT VT St Conv. Justin WA1ITZ 802 728 4034 A

18 June Cambridge MA FLEA at MIT Nick 617 253 3776 F

21-23 June Boston MA ELECTRO @ Hynes "Electronics trade show" 800 223 7126 F+

16 July Cambridge MA FLEA at MIT Nick 617 253 3776 F

22 July Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

28-30 July Manchester NH ARRL NE Div Conv B$8 Al N1FIK 603 487 3333 F

11,12 Aug Charlotte VT BARC Ralph KD1R 802 878 6454 A

20 Aug Cambridge MA FLEA at MIT Nick 617 253 3776 F

26 Aug Gardner MA MARC @Drive-in S@6 B@8 Paul N1IPG 508 632 9432

16 Sept Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7507

16 Sept Randolph VT CVARC Robert WB1AJG 802 433 6172 A

17 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F

23 Sept Lincoln ME Bagley ARC @Burr Sc 1miN on Rt2 Ed WA1JGO 207 732 5185

24 Sept Framingham MA @ HS $14@8 $10tg $5@9 $2@10 Lew K1AZE 508 879 7456 F

6,7 Oct Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG T

15 October Cambridge MA FLEA at MIT Nick 617 253 3776 F
~~~~~~

28 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

12 Nov Branford CT SCARA Brad WA1TAS 203 265 9983 T
~~~~~~
LAST UPDATE 12-29-94 de W1GSL P 2 of 2
Source F= Flyer T= tentative early info + = new info this month
A= ARRL D= W1DL WR NV 73 CQ QST = Mags
This list has been compiled from many sources. While we believe the info to
be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be
posted monthly to USENET. Mailed copies are sent when additions are made.
****
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SASE for updated copy as issued.

New England Area Ham - Electronic Flea Market *** DATES *** 1996 ***

Page 3 Electronic distribution only. This page has the overflow if any P3
from the paper version.
~~~~~~
1996 Contact Source
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21 April Cambridge MA FLEA at MIT Nick 617 253 3776 F+
3rd Sunday Each Month April thru October

19 May Cambridge MA FLEA at MIT Nick 617 253 3776 F+

16 June Cambridge MA FLEA at MIT Nick 617 253 3776 F+

21 July Cambridge MA FLEA at MIT Nick 617 253 3776 F+

18 Aug. Cambridge MA FLEA at MIT Nick 617 253 3776 F+

15 Sept. Cambridge MA FLEA at MIT Nick 617 253 3776 F+

20 Oct. Cambridge MA FLEA at MIT Nick 617 253 3776 F+

LAST UPDATE 12-29-94 de W1GSL P 3

Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1994 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
****
~~~~~~

224. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 04:17:55 UTC
From: billsohl@earth.planet.net
Message-ID: <3efrtj$gpj@jupiter.planet.net>
Source record: 254009

cleve e massey (cmassey@onramp.net) wrote:
: Ok here is a chance to get it off your chest...is six meters worth the
: time and money to get into???
: Read a good book on "The Magic Band" and the author makes it sound like
: the next ham heaven...not much QRM...polite operators and gear that still
: be had for reasonable $$$ used and antennas easy to build.
: So let me know...I can work all the bands but find not having a lot of
: time, I thought concentrating on six meters might be a good way to be
: active, focused, and enjoy ham radio like I used to.

Six meters offers the full aray of operation from CW to repeater
operation. Here in New Jersey I can bring up at least six or more
repeaters from home with a simple J-Pole coax antenna and 50 watts
(Kenwood TS-690). The band can be jumping at times but is usually very
quite...but when it does open you get some great contacts without
needing big power. Running a beam with a decent all mode transceiver
is certainly recommended.

The VHF contest weekends are the best opportunity to gain several
new states and/or grids.

One thing to stay aware of is TVI complaints because of 6 meters
being immediately adjacent to the beginning of the TV channels but
if you have enough distance between you and the neighbors that
shouldn't be a problem.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't have to give a damn about what anyone
thinks because this is a personal internet account :-)

225. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 04:22:55 UTC
From: bob@raddev.com
Message-ID: <3efs6v$4qg@remus.ultranet.com>
Source record: 254010

In article <3ef6dp$c5t$1@mhadg.production.compuserve.com>,
71111.260@CompuServe.COM says...
>
>The calls with "X" as the initial letter of the suffix are
>assigned to eXperimental stations, thus are not available to the
>Amateur service.
>

>73, de Hans, K0HB
>
>--
>Hans Brakob, K0HB | EX-KG6AQI, WA0PQF, WB9DLL
> | WB4GXH, WB0WFF
> | 73 from Minnesota

Gee, my neighbor K1XM would be interested to know that.
Also would WS1X,WT1X,WU1X,WW1X,WX1X,KA1XA,KB1XA,N2XAA,
N2XAB,.....

You interested in a Buckmaster HamCall or a QRZ?

--
==========
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
==========

226. Schematic drawing program wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 04:29:20 UTC
From: sbertsch@magnus.acs.ohio-state.edu
Message-ID: <3efsj0$jk3@charm.magnus.acs.ohio-state.edu>
Source record: 254012
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

I'm looking for a public domain/shareware schematic drawing (CAD) program,
preferably for X11, but DOS or <groan> WinDoze will do.

All leads appreciated,
Steve N8KWV

227. Re: Do NTSC TVs work on 50 Hz power?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 04:29:24 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD1x0H0.99C@netcom.com>
Source record: 254013

NTSC TVs and VCR should work fine on 50Hz, the vertical scan is controlled by the TV signal's sync signal, not the powerline. NTSC vertical rate isn't exactly 60Hz, it's at 59.94Hz.

228. Re: Ham History, Your Recollections?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 04:47:04 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD1x1AH.B62@netcom.com>
Source record: 254016

I remember back around 1970 when the Novice license was good for 2 years non-renewable, code only. And you were not allowed for some strange reason, to hold a novice and a tech at the same time. Code didn't interest me, VHF did. Back then any General and above could give noivce and tech tests. One guy in northern NJ, field engineer or something with the FCC, didn't want me to get the tech license, he felt that *real* hams only do HF or something like that. He did the 5wpm test with a keyer set to send the letters at around 20WPM, spaced to 5wpm. I choked on that.

Equipment then was all vacuum tube stuff, brands like Johnson, Viking, Hallicrafters, and surplus ex-commercial two way radio stuff.

Got my license in 1976, went to the FCC office in NYC to take the test in an ancient olive green painted "classroom". CW test was to copy perfectly for one minute out of 5 random 5 letter words. Theory test was the general test. The fcc stoped letting generals give novice and tech tests, and this was before VE's.

Recieved my callsign WA2ISE when I was at college, did my first contact in CW, ever since used voice and later packet only. Back then the FCC recycled callsigns, someone had mine before.

229. WANTED: 2M MOBILE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 06:05:53 UTC
From: jost@csn.net
Message-ID: <3eg281$otk@news-2.csn.net>
Source record: 254021

[No readable article body recovered]

230. Form 610 Postscript version?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 06:43:53 UTC
From: dbakin@netcom.com
Message-ID: <dbakinD1x6p6.3v4@netcom.com>
Source record: 254024

I know I found one on the net somewhere sometime. But why didn't I download it and save it? Well, that was purely rhetorical, but if you can point me to it I would greatly appreciate it. Thanks! -- Dave

--

David S. Bakin | "I can make cats break dance, ask me how"
Bakin's Bits | -- seen on a license plate frame
dbakin@netcom.com |

231. Re: Using JVFAX70 with HAMCOMM interface?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 08:56:04 UTC
From: schro@norton.sni.de
Message-ID: <3egc74$s39@nanette.pdb.sni.de>
Source record: 253880

In <3eefog$nrj@fohnix.metronet.com> copeland@fohnix.metronet.com (Charles Copeland) writes:

>JVFAX does not display in color, but does receive in color. After
>receiving a SSTV picture, pull it up with cshow and its in color.

The VESA driver is important. Since i use it i get a lot more colors in
FAX mode and also color SSTV.

73 Django
DL5YEC

232. Just a hobby? (was: 2m vs cellular)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 11:23:14 UTC
From: randolph@est.enet.dec.com
Message-ID: <3eh8b5$pgb@mrnews.mro.dec.com>
Source record: 253890

In article <1995Jan4.153325.11622@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
>What Kevin appears to be lamenting is that too many amateurs treat the
>service, and their participation in it, as "just a hobby" instead of as
>a voluntary enterprise intended to advance the public and national interest
>as outlined in the charter of the amateur radio service in Part 97.1.

You know, if the only aspect of amateur radio that is considered "for the public good" is that which the public can see directly, i.e. emergency operations, then we might as well turn over our bandwidth for auction.

IMO, the main benefits of amateur radio are not from the occasional hurricane net, but from the education in an otherwise esoteric trade that all amateurs get in order to pass the license test and get a station on the air. Experimentation can take place in the ham bands, unlike the crowded commercial and gov't bands. How many RF engineers cut their teeth on amateur communications, and how many use experimentation in the ham bands to push their skills in the for-profit bands? Even the tech-lites can set up a station, check it for proper operation, and know where to get more info. if they run into problems like TVI. Joe Cop probably couldn't tell a PL-259 from a BNC, but I bet most tech-lites could check his SWR for him.

I think it's rather short-sighted to look only at emergency nets to find the benefits of amateur radio.

-Tom R. N1OOQ randolph@est.enet.dec.com

233. Re: how do you exchange QSL cards ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 12:43:00 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3egpgk$mlr@crchh327.bnr.ca>
Source record: 253881

In article <pwalker.248.00812533@mbi.moody.edu>, pwalker@mbi.moody.edu (Paul D. Walker II) writes:
|> In article <hw34Iov.wcoyle@delphi.com> wcoyle@delphi.com writes:
|> 100% agreement with your thoughts on the subject. One point on the new hams
|> (Novice/Tech), though. I guess some would consider that I go to extreme
|> lengths to get a QSL to a new ham. To me it is a rare pleasure to be a Novice
|> or Tech Pluses first contact on CW and I would do most anything to get a
|> confirmation of the contact in their hands. It is very frustrating holding
|> onto these cards waiting for the quarterly updates of the callbook to appear.
|> And every quarter, I send out 20-25 cards to these new hams welcoming them to
|> the hobby. To receive a response back from them is an even greater pleasure.
|> Most of the time they aren't expecting anything and are ecstatic to receive
|> something.

Hi Paul. I like those cards too, but do you know about the ARRLs
First Contact Cirtificate? If you work somebody, and they tell you
that you are their first contact, just tell the league about it. Send
a note with the time and date of the QSO, and the persons name. You
also send an envelope addressed to the person and containing sufficient
postage. I send the 9X11.5 size folded in two and placed inside another
large one. The folks at the league, in the past, put the certificate
in the envelope along with a cardboard stiffener, and mail it. Sometimes
its a little tricky to get the new guys address, but its worth the
trouble. I have received a letter or a call from EVERY ham that I have
had a certificate sent to.

You don't have to be a League member to take advantage of this service,
and it is an excellent welcome to the hobby. I have seen the certificates.
They are nice.

73,

Jeff - AC4ZO
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

234. New Licence fees for Australian Amateurs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 13:00:26 UTC
From: dave@eram.esi.com.au
Message-ID: <3egqha$mq8@eram.esi.com.au>
Source record: 253899
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

Here is an official document that introduces the preliminary licence fees this year; the source is Roger Harrison VK2ZRH, the WIA Federal Vice-President and member of the WIA/SMA Liaison Committee. It first appeared on packrt radio, and subsequently as an insert with the WIA journal "Amateur Radio." No further comment is made.

WIA NEWS

From Roger Harrison VK2ZRH
WIA Media Liaison Officer
Released 14 December, 1994.
(Insert to Amateur Radio, January 1995).

AMATEUR RADIO LICENCES - NEW SMA PRICING POLICY

Licence Class Issue/ Spectrum Spectrum
Re-issue Maintenance Access Tax Total

UNRESTRICTED $25 $9 $35 $69

LIMITED $25 $8 $34 $67

INTERMEDIATE $25 $8 $34 $67

NOVICE $25 $5 $20 $50

NOVICE LIMITED $25 $5 $20 $50

BEACON $11 $5 $20 $36

REPEATER $25 $9 $35 $69

PRELIMINARY figures for new Licence fees, to be introduced this coming year, have been released to the WIA by the Spectrum Management Agency (SMA).

As you will note from the table here, there are to be significant rises in the cost of Amateur licences. It should be noted, however, that these are *preliminary* figures and that the final charges, when announced, may vary by as much as $10, up or down, according to an SMA spokesman.

The licensing costs were released to the WIA at an SMA Liaison meeting in Canberra on 5 December, attended by WIA Federal President, Neil Penfold VK6NE, Federal Vice Chairman, Roger Harrison VK2ZRH, Federal SMA Liaison Officer, Gavan Berger VK1EB and ACT Division Federal Councillor, Richard Jenkins, VK1RJ. Six senior people from the SMA attended. The meeting was chaired by the executive manager of the SMA's Customer Services Group, Peter Stackpole (VK1RX).

Paul Palmer, acting executive manager SMA Marketing Development Group, outlined the various components of the proposed fees and explained something of how they were derived.

The previous hundred-plus licence categories covering all services are to be reduced to just 18. Amateur Radio will be a single category, with seven sub-categories under the new Amateur Regulations to be announced early in 1995. Note the inclusion of the foreshadowed Intermediate and Novice Limited licences, and that beacons and repeaters will be classed in sub-categories of their own.

COSTS
The Issue/Re-issue cost depends on the type of licence. To first issue a licence costs the SMA about $140, it was revealed, but as Amateurs generally keep it for ten years, this is amortised over that period, yielding a cost of $14 a year. Renewing costs about $11, so the Issue/Re-issue cost totals $25.

The Spectrum Maintenance charge is the proportion of costs of the on-going work of the SMA.

The Spectrum Access Tax is somewhat more complex. The underlying principle is one of "spectrum denial." Primary spectrum users deny spectrum to other users, and it is on this basis the government charges the Access Tax. The SMA's "pricing formula", first revealed in their December 1993 Discussion Paper on Apparatus Licensing, takes into account five factors: spectrum location (i.e. frequency), geographic location (VHF-SHF spectrum can be "re-used" at sufficiently distant locations), bandwidth and area of coverage. The formula "values" the spectrum according to usage and demand. i.e. In Sydney, UHF attracts a high weighting; HF is low (effectively, shared globally). In arriving at the Spectrum Access Tax, the SMA excluded Amateur bands on which we are the secondary service, because it is shared use.

The figure arrived at, taking into account all the primary Amateur bands and applied nation-wide, was divided by the total number of Amateurs. So, if we can swell our ranks, licence fees should decrease! The *minimum* Access Tax fee is proposed to be $20. The Spectrum Maintenance charge is about 25% of the Access tax. Initial work on Amateur Licence fees yielded figures in the $300-$400 range, the WIA was told, and the SMA view is that Amateurs have been given "a pretty good deal." Work on determining the Issue/Re-issue and Spectrum Maintenance charges had not been completed in mid-December, so some variations to the final figures may be expected. All fees are to be finalised by 1 March, 1995.

In future, your licence, and your licence renewal, will show a breakdown of the costs making up the final charge.

At this stage, the SMA is not considering allowing any outside organisation to take over licence renewals.

Beacon licences will cost less because the WIA Divisions provide the initial spectrum planning function through the Technical Advisory Committees (TACs). The proposed Repeater licence fee was calculated on an Australia-wide basis. Although the TACs provide some initial spectrum planning, the SMA has to do some of its own, too, when licensing repeaters. Note that UHF CB repeaters

will attract a licence fee, even though CBers don't pay fees as CB is a Class Licence.

Five-year licences will be introduced, for which the Re-issue cost will be discounted, if payment is made up front. So a five-year unrestricted licence will cost around $301, rather than $345. This provision was made in the 1992 Radiocommunications Act. A five year limit was set, rather than 10 years, as the SMA wanted greater control on Apparatus Licensing than a 10 year period would allow, owing to rapid changes in technology.

In future, if an Amateur gives up a licence (e.g. becomes SK), a refund of the "unused" proportion of the licence may be provided.

The WIA is continuing discussions with the SMA.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

235. New Radio Shack Scanners

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 13:01:29 UTC
From: ROBERTST@benning-emh1.army.mil
Message-ID: <199501051305.FAA11627@ucsd.edu>
Source record: 253882

Does anyone know of any mods for the Radio Shack Pro 2035 scanner?

236. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 13:25:27 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3egs07$e7a@acme.freenet.columbus.oh.us>
Source record: 253883

David R Tucker (drt@world.std.com) wrote:
: Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:

: : Not sure I know what u r talking about.

: : I have a call N8XCT which HAS the initial letter of the suffix as
: : an X.

: Yes, that's right. X cannot be the first letter of the suffix for
: 2x3s, since these are allocated to the Expertimental Service. For
: example, you won't find KA#X$$ issued to any amateur. In addition,
: the 1x1 callsigns cannot have X as a suffix (e.g., K1X), but the rest
: are allocated to the Amateur service, believe it or not (X-suffixed
: 1x1s don't seem to be assigned to any service). Every other format
: can have an X suffix. So don't worry, you're legal!

Worried I was not, I have the paper to prove my call, was more confused
from the original post more than anything.

--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Official Relay Station (ORS),
Local Govt Liaison (LGL) Pickaway County OH,
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

237. Re: Tire QRN, how to cure?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 13:36:27 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan5.133627.15716@ke4zv.atl.ga.us>
Source record: 253884

In article <9501041238.AA05579@itchy.ncsl.nist.gov> rc@itchy.ncsl.NIst.GOV (Robert Carpenter) writes:
>
>Ok all you bright folks, I have a problem!
>
>I bought new tires for my car and now have "sizzling" QRN on some road
>surfaces. That's on the AM broadcast band. No such trouble with the old
>Michelin tires, but the new Pirelli 300 ones have the problem; same stations
>same places as before.
>
>The noise goes away when brakes are applied, thus really grounding the moving
>part of the axle/wheel assembly. I know that QRN from static electricity
>arcing across wheel bearings was a fairly common problem in the Bad Old Days
>(BOD), but I doubt if that could be the problem since only the wheels were
>removed in the tire swap.

This is a problem for the bearings as well as for the radio. Continued arcing across the wheel bearings will damage them. Cars used to have a static cap, actually a little spring gizmo, that shorted across the wheel bearings to eliminate this problem with the old natural rubber tires. Tires then started to be made with carbon black added to synthetic rubber. This eliminated most static problems. But some tire manufacturers are using new materials in their tires, and the problem is coming back.

>Could the new tires be slightly piezoelectric? The noise is worse on a
>jiggly road.

No, the problem is that the tires aren't conductive enough. It's the old glass rod and cat fur problem. On a rough road, the wheel bearings are more intermittant in their contact so that you get more/bigger arcs.

> v-- see above
>I vaguely remember some magic conductive powder from the BOD which was to be
>blown into tires to cure this type of noise. DOES IT STILL EXIST? ANY OTHER
>SUGGESTIONS? I watched while the tires were changed, so don't think that
>there was any accident in jacking the car.

Graphite powder can be introduced into the tire, this will raise its conductivity and lessen the static buildup. Or a more conductive wheel bearing grease can be tried. But a static cap is probably the best solution short of changing back to tires with a higher carbon black content.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

238. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 13:39:57 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan5.133957.15816@ke4zv.atl.ga.us>
Source record: 253885

In article <3ef7gd$s2c@acme.freenet.columbus.oh.us> jtesta@freenet.columbus.oh.us (Joseph Testa) writes:
>
>Not sure I know what u r talking about.
>
>I have a call N8XCT which HAS the initial letter of the suffix as
>an X.

Calls for the experimental service are all 2x3 format with the first letter of the prefix being either W or K and the first letter of the suffix being X. Your call isn't 2x3, nor does it begin with W or K, so it's cool.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

239. Re: REPEATER CONTROLLER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 14:01:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan5.140100.16028@ke4zv.atl.ga.us>
Source record: 253907

In article <3ef4bq$859@freenet.vancouver.bc.ca> jerrys@freenet.vancouver.bc.ca (Jerry Sturge) writes:
>
>I am about to go out and purchase a repeater controller for our
>club's repeater. I would appreciate hearing any comments as to
>what you guys can recommend. Make, Modem, Cost, Features.

I use the S-Comm 5K. It's simple, small, and reliable. It cost $250 with rack mount option (1 rack unit). It runs off 12 volts at a couple hundred mils, has provision for CTCSS and/or carrier squelch control in a number of combinations, has provision for a delay module for eliminating squelch crashes, has a TT passthru suppression option, has provision for a separate control receiver input, has a CW IDer and programable messages, and is well suppressed against lightning transients.

It comes with a comprehensive installation, programming, and service manual with theory of operation, schematics, and board layout diagrams. There are something like 100 different programable features (all programming is via Touchtones introduced either locally or remotely on either of the two receiver inputs), and it has three open collector outputs and three TTL level inputs, all available for general purpose use under program macro control. There's an on board realtime clock for timed macro execution.

Of great importance, the manufacturer is stable and very responsive to customer requests for assistance and service. S-Comm offers more complex controllers as well. The 7K has a phone patch built in, if you need that.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

240. Re: HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 14:12:18 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan5.141218.16163@ke4zv.atl.ga.us>
Source record: 253908

In article <Zay5Y9Y.wcoyle@delphi.com> wcoyle@delphi.com writes:
>In reguards to using an old crystal controlled unit for packet,
>I've read that this would be a very *bad* idea. Has anyone
>considered that this crystal controlled set would use a relay
>for TX/RX switching? This would slow down you communications
>to a great extent.

The relay switching time is very rarely the dominant delay in
a radio's TR timing. Most relays used for TR switching switch
in 3-15 ms. The critical parameter is usually receiver recovery
time, which for most radios can run 100s of milliseconds. It
often requires considerable modification to shorten this time.
With a crystal rig, it's often possible to leave the receiver
"hot" during transmit so recovery time becomes essentially nil.

Or the dominant delay is PLL lock time as the PLL shifts from on
channel transmit to offset by the receiver IF to act as the LO.
The settling time here can also be in the 100s of milliseconds
range for some radios. A crystal controlled radio doesn't have
this problem either.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

241. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 14:25:08 UTC
From: Hans Brakob <71111.260@CompuServe.COM>
Message-ID: <3egvg4$3m6$1@mhade.production.compuserve.com>
Source record: 253886

OOOOOOOOOOOppps!

I _SHOULD_ have said "2x3 calls are not assigned with 'X' as the
first letter of the suffix".

About 10 folks caught me in that one!

73, de Hans, K0HB

--
Hans Brakob, K0HB | EX-KG6AQI, WA0PQF, WB9DLL
| WB4GXH, WB0WFF
| 73 from Minnesota

242. Re: Origin of term - radio HAM???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 14:55:27 UTC
From: HIST-AJS@nich-nsunet.NIch.EDU
Message-ID: <2FEC440855@charon.nich.edu>
Source record: 253901

How about hammering away at pounding brass like ham, ham, hammering
away or hamming?
73, de Sonny, KB5AA

243. Satelite Receiver

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 15:13:07 UTC
From: brendan@exchange.datanet.net.au
Message-ID: <3eh2a3$4o4@exchange.datanet.net.au>
Source record: 253905
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew, rec.radio.amateur.space,alt.radio.pirate,alt.radio.scanner,sci.electronics,sci.geo.meteorology,sci.image.processing

If you have an interest in receiving real-time images from satelites
read on......

Equipment to receive these real-time images are manufactured in Queensland
Australia. This project began life as a research / recreational hobby by
a team of radio enthusists. The final outcome of the project was a system
to receive real-time images from polar orbiting weather satlites.

Images are available from American (NOAA), Russian (METEOR) and Chinese
(FENG-YUN) satelites as they traverse your geographical area. The
satelites transmit both visible light and infra-red images. Resolutions
vary from 2.4Kms to 5Kms per pixel.

The system comprises a simple omni-directional antenna, a suitable radio
receiver, demodulator card (AD converter) and viewing software suitable
for the viewing and manipulating images on IBM PCs.

An overall system price is in the order of $650 (Aust) with the possible
addition of a mast head pre-amp for $30. Various antenna equipment and
cabling is required and can be purchased for around $15. Detailed
diagrams are included for the construction of the antenna.

Please respond in e-mail if you are interested in obtaining more
information. Parts of the system are also available in kit form.

--
Brendan McLearie
brendan@datanet.net.au

244. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 15:32:42 UTC
From: azoth@netcom.com
Message-ID: <azothD1xv6J.8pA@netcom.com>
Source record: 253887

: >self-explanatory. I agree with most that we should be getting
: >away from calling ourselves hams and instead call ourselves Amateur
: >Radio operators. That's primarily because I want people to know why I am
: >standing in a Red Cross shelter with a radio in my hand, but I think it
: >is good for the other aspects of our hobby, too.

: I think perhaps we should get away from calling ourselves "amateur" as
: well. It implies we're some kind of inexperienced beginners. Private
: pilots don't call themselves "amateur" pilots, so why should we?
: Perhaps "private radio operator" isn't a good term, but we can think
: of something better than "amateur" or "ham".

[climbs up on soapbox]

Why not the Most Worshipful Rough and Ready Rocket Corps of Excellence? Come on, guys, 'ham' isn't a dirty word and there's no need to disuse it because some yokel doesn't know what a fine and appropriate word it is. Ditto 'amateur', which is as precise a technical term for the Service as _any_ other, pointing up the essential divergence from 'professional' radio (or professional anything-else): _money_. That's it; that's all. Nothing to do with proficiency, not a bit. That tack is just plain wrong-headed emotional baggage that can be lost at the next stop.

'Amateur' means that you're as good as you are because you _want_ to be, not because somebody bought your contract. Doing something just for the joy of it is going to become a lost art if everything in life gets boiled down to a dollar value, and changing the label changes absolutely nothing if all you do is trade one set of emotional baggage for another. 'Amateur' is something to be proud of; our society is top-HEAVY with whores. 'Ham', too: not just anybody is qualified to run off at the mouth for hours on end for the whole bleedin' world to hear. Show-offs, Tom-fools, hams in the traditional sense ("My beam's bigger'n yours!", "Your only 40 over 9!", "Yeah, well my S-line is all round!", "And my dog can lick your dog!" ad sillium.....)

Take responsibility, change your own Point Of View, not the goddammed language.

[climbs off soapbox]

Cheers es 73,
RF Buchanan

245. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 15:48:16 UTC
From: gamma7@ix.netcom.com
Message-ID: <3eh4c0$84b@ixnews1.ix.netcom.com>
Source record: 253909

In <Zaz4QrR.wcoyle@delphi.com> wcoyle@delphi.com writes:

>
>SOS and Lid I understand (who would want the callsign N3LID??)
>but some of them are really far removed from what anyone would
>call offensive.
>
>DOG? why DOG?
>
>73
>Bill
>N3OGH
>

Maybe a YL objected to the call 'DOG'; or possibly some wacko PETA person. As for me, it's interesting to know that I have one of the 'forbidden' calls.

Regards,

Duffy - WB8NUT

246. Re: REPEATER CONTROLLER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 16:49:19 UTC
From: jws@fc.hp.com
Message-ID: <3eh7uf$d9i@tadpole.fc.hp.com>
Source record: 253888

Most of the repeaters I'm familiar with in northern Colorado use controllers by S-Comm -- 303-663-6000. They have at least 3 models, plus some specialized commercial versions:

5K - basic controller
6K - adds phone patch (maybe optional voice messaging)
7K - full featured, phone patch, optional audio delay and voice messaging.

We've found them to be extremely reliable.

John, NK0R
jws@fc.hp.com

247. Re: ham, HAM, hmmm

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 17:01:59 UTC
From: bill@triangle.cs.uofs.edu
Message-ID: <3eh8m7$6pl@gopher.cs.uofs.edu>
Source record: 253913

In article <3edfje$9h6@geraldo.cc.utexas.edu>, oo7@astro.as.utexas.edu (Derek Wills) writes:
|>
|> After going through the ham/HAM thing yet again,
|>
|> copeland@fohnix.metronet.com (Charles Copeland) innocently asks:
|>
|> >>What is the origination of the term HAM referring to radio operators?
|>
|> I dunno, but can I use an HT on a commercial airliner?
|>

Only if your ordering a pizza!!

bill KB3YV

--
Bill Gunshannon | de-moc-ra-cy (di mok' ra see) n. Three wolves
bill@cs.uofs.edu | and a sheep voting on what's for dinner.
University of Scranton |
Scranton, Pennsylvania | #include <std.disclaimer.h>

248. For Sale: DRAKE R8 Communications Receiver

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 18:24:10 UTC
From: ptran@hti.net
Message-ID: <3ehdga$mpp@hti.net>
Source record: 253889

I have a DRAKE R8, 1 year old, seldom used.
I paid $1000 for this machine.
I'd like to offer it at $700.
I have complete manual, box, original contents.

The above comments are my own, not related to my company or employer.
Paul Tran - Operations Manager .....
Portable Computer Support, Inc. PCS provides HARD DISK, PROCESSOR, math
6507 Oakburl Court co-processor, memory, battery, data
Sugar Land, Texas 77479 USA recovery to LAPTOP/NOTEBOOK computers.
(800) 484-9221 ext. code 5436 .....
(713) 565-5078 ptran@hti.net CompuServe:75674,3620 AOL:NoteB2LapT

249. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 18:37:02 UTC
From: k9cw@prairienet.org
Message-ID: <3ehe8e$n6j@vixen.cso.uiuc.edu>
Source record: 253914

This list may, in fact, not be complete! Several years ago, we had a YL in town who did not care for the N9HED call that she had been issued. Upgrading to advanced fixed the problem with a new callsign.

73, Drew

--

-----------------------------------------------------------------*
| Andrew B. White K9CW | internet: k9cw@prairienet.org |
| ABW Associates, Ltd. | phone/fax: 217-643-7327 |
-----------------------------------------------------------------*

250. GB2RS News 8th January 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 19:30:14 UTC
From: dave@llondel.demon.co.uk
Message-ID: <789359414snx@llondel.demon.co.uk>
Source record: 253778
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 8th of January and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

An MBE for Ron Broadbent,

The RSGB installs its new President next weekend, and

Coventry Raynet were in action before Christmas.

Ron Broadbent, G3AAJ, was awarded an MBE in the 1995 New Year Honours list in recognition of his services to amateur radio. Ron is secretary of the amateur satellite organisation AMSAT-UK, and is Editor of its monthly magazine OSCAR News. We are sure that all of those listening to this bulletin will join us in congratulating him on this honour.

Clive Trotman, GW4YKL will be officially installed as the RSGB's President at an evening reception and dinner to be held next Saturday, the 14th of January, at Bridgend, Mid Glamorgan.

Coventry Raynet Group was involved in assisting the emergency services in the aftermath of the airplane crash in Coventry just before Christmas. The group would like to thank all radio amateurs who co-operated by keeping frequencies clear during this operation.

The next RSGB Microwave Round Table meeting takes place on Sunday the 5th of March at the Rutherford - Appleton Laboratory, Chilton, near Didcot, Oxfordshire at 10am. This year microwave television will be the theme of a joint meeting of the Southern Microwave Group and the British Amateur Television Club. Attractions will include technical talks, a bring and buy sale and a range of test equipment available for calibration and alignment of microwave equipment. For further details contact Mike Scott, G3LYP, on 01494 881298.

The secretary of the West Bromwich Central Radio Club is compiling a diary of events for 1995 and is seeking guest speakers. If you are willing to give a talk or presentation to a small, friendly club on a Sunday evening for about one hour, please contact Ian, G0PAI on 0121 561 2884.

Mike Shread, GM6TAN, has a new address. He is an RSGB Council Member and the RSGB QSL Bureau Sub-Manager who deals with Novice QSL cards. His address is: 15 Hardie Court, Aberchirder, Huntly, Aberdeenshire AB54 5TG.

A new RSGB Liaison Officer (RLO) has been appointed for Lancashire. He is Steve Ireland, G1VRH, and his address is 'Ashlea', 11 Wood Park Road, Marton, Blackpool, Lancashire FY1 6QS. Steve's telephone and Fax number is 01253 695920. RLOs hold a wide range of information and they are available to help any RSGB member seeking advice.

A new RSGB Liaison Officer (RLO) has been appointed for West Grampian, Highland and the Western Isles. She is Elaine Shread, 2M1DLV, whose address is: 15 Hardie Court, Aberchirder, Huntly, Aberdeenshire AB54 5TG. Her telephone number is: 01466 780739.

The Severnside Television Group 3 centimetre TV repeater GB3XG, became operational on Saturday the 10th of December. The repeater has its output on 10150MHz and its input on 10278MHz. Reports on coverage or requests for details should go to the keeper G8VPG, whose address is correct in the RSGB Call Book.

The Wolverhampton 2 metre repeater, GB3BX, was returned to service on Sunday the 20th of November. It now operates on channel R3, which has its output on 145.675MHz and input on 145.075MHz. Reports or requests for details should go to the repeater keeper G4JLI.

The Hexham repeater GB3TY, channel R6, was switched off on the 30th of November and is now closed down permanently. Any group or person wishing to continue with the repeater on a new site, should contact Ernie Bailey, G4LUE, Repeater Management Group, Zone 'A' Manager on 01226 716339.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From South Shetland Island, SP2QOH and SP2GOW will sign VP8CQR and VP8CQS respectively from now until November. Activity will be on all bands/modes, including RTTY.

From South Georgia, a group of operators is expected to sign VP8SGP from Thursday the 5th of January. Activity will be on all bands 160 to 10 metres using CW, SSB and RTTY.

And from Qatar, DL9FCQ, will be active from a camp near Doha from Saturday the 14th until Friday the 27th of January, mainly on 20 to 10 metres CW. His A7 callsign is not yet known.

We have no rally news for you this week as the next event notified to us is not until Sunday the 22nd of January. However, here are some dates for your diary:

The 1995 RSGB National VHF Convention is to be held at its usual venue at Sandown Exhibition Centre, Esher in Surrey, on Sunday the 19th of February. See January's RadCom page 31 for full details of the event which includes a comprehensive lecture programme.

The 1995 RSGB London Amateur Radio and Computer Show is to be held during Saturday the 11th and Sunday the 12th of March, at the Lee Valley Leisure Centre, Picketts Lock Lane, Edmonton, London. Full details of

the event will appear in the March edition of Radio Communication.

Now this week's contest news:

The RSGB CW AFS Team Contest takes place today, Sunday the 8th, and the SSB AFS Team Contest takes place next Sunday the 14th, both from 1400 to 1800 UTC. See the December edition of RadCom for further details.

And the RSGB 144MHz CW Single Operator, Fixed and All Others Contest takes place next Sunday the 15th from 1000 to 1600 UTC. See January RadCom page 81 for further details.

January's RadCom also includes the General Rules which cover all RSGB HF, VHF and ARDF contests during 1995.

This week sees the end of an era for the solar factual data. Charlie Newton, G2FKZ, has handed over his GB2RS work to Neil Clarke, G0CAS. Charlie, who will continue to chair the RSGB Propagation Studies Committee, has provided the GB2RS solar report without fail every week for 18 years on a purely voluntary basis. We thank him for this work.

And now this week's solar factual data:

Due to the Christmas holidays, we have an extended report this week. First a quick summary from the 12th to the 25th of December and then the normal report covering the period from the 26th of December to the 1st of January.

The period from the 12th to the 25th of December saw sunspot numbers decline from 82 to 48. Solar flux levels also declined from 99 units down to 80 units. Flares were reported on most days, the largest being an M2.5/1N on the 14th. Geomagnetic levels were mostly quiet over the period. They did, however, increase to active levels on the 24th and the 25th and rose to an Ap index of 23 units. The daily aa index on the 22nd was only 6.5 nanoTeslas, the lowest daily figure since the 4th of May last year. The F2 daytime critical frequencies at Poitiers averaged 7.1MHz. The 20th was the best day at 8.8MHz.

The period from the 26th of December to the 1st of January saw solar activity at very low levels and with the geomagnetic activity at mostly quiet levels. Sunspot numbers declined from 46 on the 26th to zero on the 1st. The mean for the period was 23. Solar flux also declined from 80 units on the 26th to 75 by the 1st. The average for the period was 78 units. Several very small B class flares were reported on the 26th. The electron fluence levels declined but are still at high levels. The x-ray flux levels declined from A4.4 units to A1.2 units by the 1st, the average for the period being A2.6 units.

The geomagnetic activity was at mostly quiet levels and averaged an Ap of 9 units. The most disturbed day was the 26th with an Ap index of 13 units. The state has been 'nil, nothing to report'. The aa indices, as reported by the British Geological Survey for the period from the 20th to the 26th, started at quiet levels with the 22nd being down to only

6.5 nanoTeslas, the quietest day since the 4th of May last year. Levels increased up to 64.6 nanoTeslas on the 24th but declined back to unsettled levels the following day. The daily average for the period was 26.2 nanoTeslas, about K3.

I'll repeat the figures: Spots - 23, Flux - 78, Ap index - 9, x-ray flux - A2.6.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 23rd to the 29th of December, averaged 6.9MHz, with the darkness hour lows averaging 2.3MHz. The highs were between 11.00 and 14.00 hours and the darkness hour lows occurred around 06.00 hours. The daytime highs have declined to the levels seen over the last few weeks.

I'll repeat the figures: Highs - 6.9MHz, Lows - 2.3MHz.

And lastly the solar forecast.

This week the more active side of the sun should be looking our way. Solar flux levels are expected to be at about the 80s and there is also the possibility of flare activity. Geomagnetic levels are expected to be mostly quiet, but may increase to unsettled by next weekend. Ionospheric MUFs during daylight hours are expected to be about 21MHz in the south and only 18MHz in the north. The darkness hour lows are expected to be about 8MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Oscar and G7 Tango X-Ray series, and Novice calls in the 2 0 Alpha Juliet and 2 1 Delta Oscar series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

251. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 19:52:48 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3ehimg$ma5@cat.cis.Brown.EDU>
Source record: 253922

In article <3ehe8e$n6j@vixen.cso.uiuc.edu>,
Andrew B. White <k9cw@prairienet.org> wrote:

>This list may, in fact, not be complete! Several years ago, we had a YL
>in town who did not care for the N9HED call that she had been issued.
>Upgrading to advanced fixed the problem with a new callsign.

The problem is that you can turn *any* call into something obscene or
objectionable. My friends came up with some interesting phonetics for my
old call, N1LMB. The whole idea of disallowing certain suffixes because
someone might find them objectionable (I do agree about others, though,
like SOS -- N1SOS wouldn't be a good idea on CW!) is assinine.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

252. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 20:05:48 UTC
From: Greg Smith <greg.n.smith@daytonoh.ncr.com>
Message-ID: <D1y7to.2n8@ranger.daytonoh.ncr.com>
Source record: 253891

I'd say yes. If they freak about the minute radiation from Walk/Disk-mans, they really go nuts on HTs, GPS units, etc. Keep in mind that most flight attendants haven't a clue why electronic devices cannot be used during portions of the flight. They have probably been led to believe that if someone spins up a CD or turns on a receiver, the aircraft will go into a tail spin.

I wanted to use a GPS unit on a trip to Hawaii so I could track our position across the ocean on a long and boring flight. The flight attendant said she'd take it from me if she even saw me take it out of my briefcase.

Most laws regarding use of communication electronics on aircraft are governed by the FCC rather than the FAA as one might assume. Cell phone signals are limited on the ground by buildings, ground clutter, etc. but once at altitude, one phone can lock up a whole cellular network (or so I'm told). I'd assume an HT could do the same thing to 2m repeaters.

Of course the airlines worrying about receivers is mostly overreaction. I 'spose something close to the cockpit could cause a navigation problem but hell, the cockpit is using GPS and running tons of other equipment that's probably cranking out enough RF to cook potatoes. You wouldn't think they'd worry about someone way back in coach.

Greg Smith
AT&T Global Information Solutions

253. FCC Change of address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 20:52:59 UTC
From: seale@netcom.com
Message-ID: <sealeD1yA0B.6E6@netcom.com>
Source record: 253915

Does anybody know the officially-approved way to send the FCC a
change of station address? Do I need to send in another form 610
with the new address, or is there a simpler way?

Thanks in advance,

Eric
--
Eric Seale | Optimist: "The glass is half full."
seale@netcom.com | Pessimist: "The glass is half empty."
| Engineer: "The glass is twice as big
| as it needs to be."

254. RS-15 personal AOS findings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 21:32:14 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3ehogu$m04@news.tamu.edu>
Source record: 253892
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc

RS-15 just came over my location in College Station, TX at a pretty high elevation (around 80 deg). Using keps from orbit 76 for object 23439 and orbit 65 for object 23440, this was my finding. I began receiving the beacon more than 15 minutes into object 23439 being high overhead. This was a few minutes before 23440 was to come into view. At the point 23440 was supposedly overhead, I was already hearing the dopplar dropping. When 23440 was about 6 minutes to LOS, I already lost the beacon. So in conclusion, it appears that with the kep set I have, 23440 more closely matches with what I observed but is still 5 minutes behind.

Why is it so difficult to get reliable keps on this bird? NORAD claims to be able to pin point the location of an incoming ICBM but they can't track a satellite that has been up for over a week.

myles KG5AI

255. AEA position opening

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 21:32:20 UTC
From: 76702.1013@compuserve.COM
Message-ID: <950105213219_76702.1013_CHN90-1@CompuServe.COM>
Source record: 253917

OPPORTUNITY AT AEA

CUSTOMER SERVICE TECHNICIAN
HAM RADIO

Advanced Electronic Applications located in Lynnwood, Wa. has an immediate opening for an experienced Ham Radio operator in our Customer Service department. Job requires heavy customer phone contact resolving technical problems. Applicant must have excellent verbal and written communications skills. Qualifications include: Licensed Amateur Radio operator with packet radio, DOS and Windows experience.

Please send resume or apply in person to:

AEA PERSONNEL
1750 112th AVE. N.E. SUITE D159
BELLEVUE, WA. 98004

OR Via Internet: 76702.1013@compuserve.com

AEA is a non smoking equal opportunity employer

256. The Kenwood TM-241. Opinions Re:

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 21:48:46 UTC
From: weissman@mary.fordham.edu
Message-ID: <1995Jan5.174846@mary.fordham.edu>
Source record: 253893

I would be interested in any feedback from users of a
Kenwood TM-241 transceiver. I am a newly minted Ham and
intend setting up a Packet station. I have been told that
the TM-241 would be a good choice for a beginner.

Look forward to any comments,advise, and etc.

Thank you.
Sam Weissman
Internet: weissman@mary.fordham.edu

257. ARLB001 IARU satellite post

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 22:24:04 UTC
From: w1aw@arrl.org
Message-ID: <$arlb001.1995@ampr.org>
Source record: 253894
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB001
ARLB001 IARU satellite post

ZCZC AG67
QST de W1AW
ARRL Bulletin 1 ARLB001
From ARRL Headquarters
Newington CT January 4, 1995
To all radio amateurs

SB QST ARL ARLB001
ARLB001 IARU satellite post

IARU fills satellite post

Bruce Lockhart, SM0TER, has been named IARU Satellite Frequency Coordinator, whose (volunteer) job will be to coordinate frequencies and emissions of planned amateur satellites with existing and planned amateur satellites. The appointment was made in consultation with major AMSAT groups in Europe and North America.

Lockhart also will maintain records of frequencies and emissions of all operating and planned amateur satellites and provide advice on suitable frequencies and modes for planned amateur satellites, based on existing and planned usage of the amateur satellite bands and the IARU band plans.

While this is a technical position, the satellite frequency coordinator position also assists in the protection of bands allocated to the amateur satellite service. Lockhart will work closely with IARU Satellite Adviser Hans van de Groenendaal, ZS5AKV.

Lockhart, an engineer, is self employed as an international consultant in the process control industry. He was first licensed as K3ZAQ in 1963 and has operated on all bands from 1.8 MHz to 2.4 GHz. He is a member and Technical Secretary of AMSAT-SM, is a member of AMSAT-UK and AMSAT-NA, and is known in the amateur satellite community as the original designer of the TrakBox.

In September the Administrative Council eliminated the position of satellite coordinator and created two in its place: satellite adviser and satellite frequency coordinator.

SM0TER's address is: Bruce C. Lockhart, Rymdgatan 56, S 195 55 Marsta, Sweden. E-mail: BLOCKHART at CCONTROL.SE
NNNN

/EX

258. Re: HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 22:25:56 UTC
From: larson@loren.net.com
Message-ID: <3ehrlk$mnn@unet.net.com>
Source record: 253895

In article <1995Jan5.141218.16163@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Or the dominant delay is PLL lock time as the PLL shifts from on
>channel transmit to offset by the receiver IF to act as the LO.
>The settling time here can also be in the 100s of milliseconds
>range for some radios. A crystal controlled radio doesn't have
>this problem either.

Of course, there are synthesized radios that do not shift the PLL for transmit/receive switching. The old FT227R comes to mine, and it does some pretty reasonable packet work. It is still not quick enough for running ethernet, but it beats the slow Kenwoods that came out shortly later.

Alan

259. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 23:02:14 UTC
From: jcf@world.std.com
Message-ID: <D1yFzq.M14@world.std.com>
Source record: 253784
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

anno4000@w172zrz.zrz.TU-Berlin.DE (Anno Siegel) writes:

>ham n
>[...]
>3 [short for hamfatter, fr. ``The Ham-fat Man,'' Negro minstrel song]
>a: a showy performer; esp: an actor performing in an exaggerated
> theatrical style
>b: a licensed operator of an amateur radio station

I suspect that what happened is that "ham actor" came to be thought of
more generally as slang for "amateur actor" (theatricality being
unprofessional in the theater), and so "ham" was taken as a synonym
for "amateur" & got applied as such to radio operators.

--
Joe Fineman jcf@world.std.com
239 Clinton Road (617) 731-9190
Brookline, MA 02146

260. IPS Daily Report - 05 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 23:11:25 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan5.231125.19481@ips.oz.au>
Source record: 253897
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 05/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 05 JANUARY AND FORECAST FOR 06 JANUARY - 08 JANUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 76/14

GOES satellite data for 04 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.0E+04
Daily Electron Fluence >2 MeV: 1.2E+08 (moderate)
X-ray background: A3.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
06 Jan 07 Jan 08 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 06 Jan: 77/16

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 04 Jan
Learmonth 17 3234 3433
Fredericksburg 15 16
Planetary 16 17

Observed Kp for 04 Jan: 4234 3333
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
06 Jan 15 Unsettled
07 Jan 10 Quiet to unsettled
08 Jan 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

05 Jan normal normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
06 Jan normal normal fair
07 Jan normal normal fair
08 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
05 Jan 18 near predicted monthly values

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
06 Jan 20 Near predicted monthly values
07 Jan 20 Near predicted monthly values
08 Jan 20 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

261. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-05 23:39:45 UTC
From: Wayne Wright <w5xd@slb.com>
Message-ID: <3ei001$atk@maggie.austin.wireline.slb.com>
Source record: 253898

The 1x2 calls with first letter X in the suffix were also reserved to experimental stations until the late seventies when the FCC retired the 20-years-as-an-extra-gets-you-a-custom-call rule and had to give all current extras a custom call.

I have a photocopy of a letter written by the station engineer at broadcast station WFAA in the late 30's (the station is in Dallas and still on the air). The contents of the letter are not of interest to me, but the letterhead is: it has my call with the annotation "experimental station on the ultra-highs".

As far as I know, I'm the only amateur that has held my call.

Wayne, W5XD

262. ARLD001 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 00:09:02 UTC
From: w1aw@arrl.org
Message-ID: <$arld001.1995@ampr.org>
Source record: 253900
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD001
ARLD001 DX news

ZCZC AE76
QST de W1AW
DX Bulletin 1 ARLD001
From ARRL Headquarters
Newington CT January 5, 1995
To all radio amateurs

SB DX ARL ARLD001
ARLD001 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, Paul, KB1BE, Joe, NJ1Q, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral Column from the pages of QST magazine. Thanks to all.

MALDIVE ISLANDS. Carlo, I4ALU, was supposed to have been active until January 6. As of bulletin deadline there were no QSNs for him on our Connecticut PacketCluster node.

BOTSWANA. Although Dave, A22MN, will move Finland sometime in February, he continues to concentrate on 160 and 80 meters. QSL via WA8JOC only. Dave is planning jaunts to OH0, OJ0 and MV Island for later in the year. If you have already worked him on the low bands, he requests that you do not call again. He wants to work as many as possible and he reports working too many repeat callers.

KERMADEC ISLANDS. The DXpedition by Barry, G4MFW/ZS1FJ, has been canceled.

LEBANON. Timo, OH1NOA, will sign OH1NOA/OD5 until August. He prefers CW and operates 80 through 10 meters. QSL via OH1MRR.

SOUTH SHETLAND ISLANDS. Andy, SP2GOW, is signing VP8CQS from Smith Island. Try 80 and 40 meter CW from 2330 and 0300z. QSL via DL1EHH.

MACAO. Listen for Noda, JE7RJZ, as XX9TJZ from January 9 to 13. There have been reports that he will be working through OSCARs 10 and 13. QSL via JA7FWR.

PACIFIC DXPEDITION. Masa, JE1DXC, isn't the only one planning island hopping. Yoshihiro, JF6BCC, will be on from Saipan, Belau and possibly Guam beginning in late January. Listen for KH0/KH2GR

January 27 to 29, KC6IY January 29 to February 1 and KH2GR February 2. QSL via JF6BCC.

QSLing the FALKLANDS. Les, VP8CPC, reports that any mail send to the Falkland Islands ARC should have ''VIA UNITED KINGDOM'' appended to the address. Without that information added, mail is directed through Chile and is never received by FIARC. Les handles cards for many other VP8s. Address cards bound for the Falklands to FIARC, the Falkland Islands Amateur Radio Club, PO Box 260, MPA - Mount Pleasant Airport, Falkland Islands VIA UNITED KINGDOM.

THIS WEEKEND ON THE RADIO. The ARRL RTTY Roundup starts at 1800z January 7 and ends at 2400z January 8. USA stations exchange signal report and state. Canadian stations exchange signal report and province. DX should exchange signal report and consecutive serial number, starting with 001.

Michigan QRP Club CW Contest 1200 January 7 to 2400z January 8. Exchange signal report, QTH of state/province/DXCC country and MI QRP number, power output for non members.

QRP ARCI Winter Fireside Sprint, phone. 2000 to 2400z January 8. Exchange signal report, state/province/DXCC country and QRP ARCI number. Non members send power output instead of QRP ARCI number.

For complete contest rules for these events, check out pages 121 and 123 in December QST.
NNNN
/EX

263. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 00:41:44 UTC
From: jjmartin@world.std.com
Message-ID: <D1yKLK.GCw@world.std.com>
Source record: 253902

In article <3efg18$8ca@engnews1.Eng.Sun.COM>,
Dennis Henderson <wdh@Eng.Sun.COM> wrote:

>Amen. Can one ask for another callsign if they dislike theirs enough to
>be embarrased about it? My wife got KD6BUN.

You can request a callsign change whenever you want to.
But you will receive a callsign from the same group your original
callsign was from--providing there are callsigns still available
from that group.

When you upgrade you can request a callsign from the group
commensurate with the new class of license. Tech to General will
be from the same group.

Anyone else feel free to add or take away from what I have said here.
Seems no one can say anything in here without the "know-it-alls"
putting their flavor in. Those who actually do know it all are
more than welcome to add whatever may have been left out, please do. :)

73 to all
de wk1v
-jim-

264. FCC Change of address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 00:51:24 UTC
From: mario@ccsnet.com
Message-ID: <027636OAJROVOFIRYMFS@ccsnet.com>
Source record: 253903

To: seale@netcom.com

,

>
>
>Does anybody know the officially-approved way to send the FCC a
>change of station address? Do I need to send in another form 610
>with the new address, or is there a simpler way?
>
>Thanks in advance,
>

610's the only way

N1SGN
---
* UniQWK v3.3a* The Windows Mail Reader

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

265. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 01:08:57 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <3ei579$55o@spool.cs.wisc.edu>
Source record: 253904

Dennis Henderson <wdh@Eng.Sun.COM> wrote:
>
>Amen. Can one ask for another callsign if they dislike theirs enough to
>be embarrased about it? My wife got KD6BUN.

Just file a new form 610. There is a box on there for exactly that purpose.
--
Jason J. Hanson | 1013 Milton St. #203 | (608) 251-0561
University of Wisconsin | Madison, WI 53715 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =*+++*= Proud Democrat, Badger fan, speeder --

266. Yaesu Ft102 MOD Wanted!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 01:52:02 UTC
From: jwparson@calvin.stemnet.nf.ca
Message-ID: <3ei7o2$pr7@coranto.ucs.mun.ca>
Source record: 253906

Hello Folks,

I'm looking for the mod that will allow the ft102 2mt mobile to xmit on
the entire coverage of the radio, thanks..

PS> i was told there was a site that had a lot of mods for different rigs
on it, can some one tell me what the name of the site is??

Thanks.

267. Lat/Lon Distance Formula

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 02:21:59 UTC
From: vis_pfg@pip.shsu.edu
Message-ID: <3ei9g7$gfk@pip.shsu.edu>
Source record: 253910

I am looking for the formulas for calculating distance between 2 points
on Lat/Lon. I am doing some distance calculations using Lat/Lon and
have not been able to find the formulas. You can send them to me here
or mail them to ....

2608 El Toro Drive, Apt 111B, Huntsville, Tx 77340

Thanks in advance...Paul Gilbert, KE5ZW

{~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~}
{ | Do Not Be Afraid Of Any Man }
{ Paul Gilbert, KE5ZW | No Matter What His Size }
{ Huntsville, Texas 77340 | Just Call On Me In Time Of Need.. }
{ 409-291-9532 | And I Will Equalize! }
{ vis_pfg@pip.shsu.edu | Samuel E. Colt }
{ | 1838 }
{ | }
~~~~~~
~~~~~~

268. map of transmitters in your town or neighborhood

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 02:29:13 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1ypKp.5sG@nntpa.cb.att.com>
Source record: 253911
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Want to "see" where the transmitters are located in
your town or neighborhood? Find the source of that
rotten intermod interfering with your repeater or scanner?

From the rec.radio.scanner FAQ article:

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and
longitude information.

As I have already done for dozens of radio enthusiasts in
several states, I will locate FCC licensed and selected FAA
transmitter sites in an area of your choice, and produce a
custom color map. I call this new innovation RadioMap(TM)
service. It allows you to identify antenna sites
(including paging and cellular phone cell sites) and
visualize the transmitter locations in your neighborhood,
near your office, at an airport, and other places of
interest -- from VLF through microwave.

This is completely different from the limited maps
displayed on the Grove Enterprises CDROM. Through a new
licensing arrangement with a professional mapping company,
RadioMap shows detailed streets, railroads, rivers, and
cities. Ham radio stations are not shown as they would
clutter the RadioMap. RadioMap includes key sheets which
list frequencies, callsigns, and licensee names. In rural
areas, ranges of up to 10 miles are possible, while ranges
of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports,
suitable for framing or laminating, for areas in any of the
50 states. Send $19.95 for each color RadioMap, your name,
address, and telephone number, along with center location
(nearest intersection of 2 streets, or latitude &
longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL
60543. tel. 708-554-3839 6-10 PM central time.

NOTE: please don't send e-mail to this account but feel
free to phone me at 708-554-3839 evenings if you have
a question.
--

```
==============================================================================
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414
```

269. Re: FCC Change of address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 03:02:20 UTC
From: drt@world.std.com
Message-ID: <D1yr3w.MKD@world.std.com>
Source record: 253912

Eric Seale (seale@netcom.com) wrote:
: Does anybody know the officially-approved way to send the FCC a
: change of station address? Do I need to send in another form 610
: with the new address, or is there a simpler way?

"Station address"? You mean, fixed station location? Not mailing address, right? If so, there's a very easy way: forget about it. The FCC doesn't collect the info any more, and took it off the license document.

(Of course, changing mailing address does indeed require a 610.)

-drt

|David R. Tucker KG2S drt@world.std.com|

---

270. IPS Solar and Geophysical Summary - December 94

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 04:08:06 UTC
From: rwc@icarus.syd.ips.oz.au
Message-ID: <1995Jan6.040806.25412@ips.oz.au>
Source record: 253916
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS MONTHLY REPORT - DECEMBER 1994
ISSUED BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.

1. SOLAR-GEOPHYSICAL INDICES

SOLAR MAGNETIC AUST
Day 10 cm flux A-INDEX T INDEX
01 Dec 79 11 6
02 Dec 79 20 6
03 Dec 82 12 4
04 Dec 82 7 34
05 Dec 81 7 24
06 Dec 78 20 31
07 Dec 80 11 -20
08 Dec 81 13 25
09 Dec 87 11 18
10 Dec 86 8 30
11 Dec 95 10 27
12 Dec 99 10 41
13 Dec 97 13 52
14 Dec 95 7 6
15 Dec 93 15 8
16 Dec 93 14 14
17 Dec 92 6 4
18 Dec 87 5 11
19 Dec 85 7 34
20 Dec 82 9 -3
21 Dec 82 4 25
22 Dec 82 4 40
23 Dec 80 7 41
24 Dec 80 27 52
25 Dec 81 15 23
26 Dec 80 13 45
27 Dec 76 10 33
28 Dec 79 6 45
29 Dec 80 12 36
30 Dec 77 8 37
31 Dec 77 4 30

10 CM FLUX SUNSPOT NUMBER A INDEX AUST FLARES
T INDEX
Monthly Monthly Yearly Monthly Monthly >M1.0
Month Average Average Average Average Average

Dec 94 84.1 26.7 10.5 24.5 1
Nov 94 80.9 18.0 10.6 25.3 0
Oct 94 87.7 43.8 15.7 12.1 1
Sep 94 78.6 26.7 10.5 24.8 0
Aug 94 76.1 22.8 8.9 23.5 8
Jul 94 80.5 35.0 12.5 31.1 1
Jun 94 77.2 28.1 31.1 15.0 33.8 1
May 94 79.8 18.2 32.8 21.5 27.5 0
Apr 94 79.0 16.7 34.0 21.0 34.7 0
Mar 94 90.5 31.7 34.3 17.5 36.9 0
Feb 94 99.5 35.9 34.8 22.5 38.0 2
Jan 94 115.0 58.8 36.6 12.4 60.2 11
Dec 93 104.9 49.4 38.4 10.4 56.4 8

IPS Predicted (Yearly Smoothed) Sunspot Numbers for July 1994-June 1995
Month Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun
SSN 28.6 26.3 25.0 24.4 24.4 23.9 22.6 21.4 20.5 18.7 17.3 16.5
Latest T-Indices for IPS Advanced Stand-Alone Prediction System-(ASAPS)

Last update: November 1994 Solar-Geophysical Summary

Year Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
1988 45 43 58 74 72 84 84 95 115 132 116 128
1989 146 164 135 140 141 157 162 149 144 160 164 152
1990 150 128 135 129 126 138 136 138 141 136 122 133
1991 143 175 169 163 136 121 141 125 135 131 121 130
1992 152 172 156 134 95 79 89 66 68 68 85 90
1993 75 78 81 65 64 65 61 48 36 41 35 42
1994 55 37* 36* 35* 33* 32* 29* 26* 24* 22* 21* 19*
1995 18* 18* 17* 16* 15* 14* 14* 13* 12* 11* 11* 10*
1996 10* 9* 9* 8* 8* 8* 8* 9* 9* 10* 11* 12*
1997 13* 15* 17* 19* 21* 23* 26* 30* 33* 38* 43* 48*
Asterisk indicates predicted value. No predicted values have changed
relative to the set of T-indices contained in last month's Summary.
For information concerning ASAPS for an IBM PC (or compatible) contact IPS.

The IPS Monthly T-index is derived from the observed monthly median values
of foF2 for each hour at up to 40 ionospheric stations worldwide.
These records become available from IPS stations in Australia very soon after
each month, but the majority are received up to one year later.
This means that the exact observed value of the monthly T-index is not
available until some months later.

The predicted smoothed monthly T-indices are computed by using a statistical
analysis of the observed monthly T-indices for all solar cycles since 1938.
The IPS T-indices may not be updated each month but only when sufficient new
data becomes available.
==========
2. FLARES AND SHORT-WAVE FADEOUTS

All M flares with an energy greater than or equal to M1 are tabulated under
class M flares. However, times of fadeouts are shown only for flares with

an energy greater than X-ray class M3.

DATE CLASS M CLASS X FADEOUT POSSIBLE
FLARES FLARES ON DAYLIGHT CIRCUIT
14 Dec 1

2.1 Comments on Solar Activity.

Solar activity was moderate on 14 December with an M2.5/1N flare at 0541UT.
Very low to low activity was observed on other days.
The maximum 10cm flux value for the month was 99 on 12 December. The minimum value for the month was 76 observed on 27 December. The rise in flux values during the interval 9-20 December coincided with the appearance of the M flare producing sunspot region. This region appeared on 8 December and transited the west limb after 19 December.

==========

3. GEOMAGNETIC DISTURBANCES (for Learmonth, WA)
DATE COMMENTS

2 December Active - minor storm levels observed in northern hemisphere. Unsettled levels observed at Learmonth.

6 December Active to minor storm levels observed.

24 December Active levels observed.

3.1 Comments on Geomagnetic Activity.

Apart from the disturbances mentioned above, geomagnetic activity was at mostly quiet to unsettled levels throughout December. The highest A index for the month was 27 observed on 24 December.

==========

4. IONOSPHERIC DISTURBANCES (for Sydney)
DATE MUFs

7 December MUFs were 15-25% depressed.

16 December MUFs were 15-30% depressed during local day, and 15-30% enhanced during local night.

17 December MUFs were 10-15% depressed.

20 December MUFs were 20% depressed.

4.1 Comments on Ionospheric Conditions.

The most significant ionospheric depression for the month was observed on the 7 December.

==========

5. IPS WARNINGS AND ALERTS ISSUED

WARNINGS:
GEOMAG WARNING NO ISSUE TIME ISSUE DATE BEGIN END
11 0437 UT 13 Dec 94 16 Dec 94 17 Dec 94

12 0241 UT 21 Dec 94 23 Dec 94 24 Dec 94
13 0307 UT 30 Dec 94 02 Jan 95 02 Jan 95

HF RADIO WARNING NO ISSUE TIME ISSUE DATE BEGIN END
13 2333 UT 06 Dec 94 07 Dec 94 08 Dec 94
14 0459 UT 13 Dec 94 17 Dec 94 17 Dec 94
15 0248 UT 21 Dec 94 24 Dec 94 24 Dec 94
16 0318 UT 30 Dec 94 03 Jan 95 04 Jan 95

ALERTS:
DATE SWF BEGIN-END (UT)
14 Dec 94 0540-0550 UT
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

271. CQ Alaska 80m

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 04:21:20 UTC
From: bob@raddev.com
Message-ID: <3eigg0$lkr@remus.ultranet.com>
Source record: 253918

QRZ

If any KL7's are reading this group, I would like to
arrange an 80m sked for 5BWAS.

Thanks,
Bob
--
==========
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
==========

272. Local Mobile Rig installers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 04:42:48 UTC
From: feliccia@unix3.netaxs.com
Message-ID: <3eiho8$meb@netaxs.com>
Source record: 253919

Has anyone in the area had their moble rig professionally installed? If so who didi it and how much did it cost. I just bought a new car and it has a nice big slot for a CD player which I probably will never buy. RAther than drill and use an under dash mount (which prolly won't work because the car is so rounded) and have a wire running, I would love if I could have it installed to 1) fill that little hole and 2)Prove me with a convenient 2m/440 Link w/out tearing my new car apart.

Follow up to email

Thanks,
Nick.

273. Re: REPEATER CONTROLLER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 05:13:29 UTC
From: bote@access4.digex.net
Message-ID: <bote.789368956@access4>
Source record: 253920

jerrys@freenet.vancouver.bc.ca (Jerry Sturge) writes:
>I am about to go out and purchase a repeater controller for our
>club's repeater. I would appreciate hearing any comments as to
>what you guys can recommend. Make, Modem, Cost, Features.

I have seen good luck with the S-COM series. They are not
perfect, but the guy who makes them has finally agreed
that reverse autopatch is not illegal and added that
to the code, so feature expansion is not out of the question.
He seems to maintain the software so that weird behaviors
and bugs are fixed in a reasonable time.

They do the basics and more and are not outrageously priced.

If you want really cheap, build one of WB3ESS' controllers,
after I bug him about the Touch Tone detection algorithm.
Otherwise, they are fine for basic setups.

--

rec.nude: your exit to good living along the Information Toll Road.
finger bote@access.digex.net for PGP key and an operator will help you.
Por via del empedrado de informacion.

274. Commercial Radio Exam Opportunity * Sat January 14th * Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 05:51:58 UTC
From: w1gsl@ATHENA.MIT.EDU
Message-ID: <3eilpu$gip@senator-bedfellow.MIT.EDU>
Source record: 253924
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,sci.electronics,rec.boats

Commercial Radio Exams at MIT

** MROP, GROL, GMDSS, Radar and Telegraph exams in Cambridge MA **

** Sat. January 14th 1995 **

The MIT Radio Exam Team will hold exams for all classes
of commercial radio license at 10 AM on Saturday January 14th
in Cambridge MA at 77 Mass Ave in MIT's Room 1-150.

We will conduct exams for the General Radiotelephone Operators
License, the Marine Radio Operators Permit, the Global Marine
Distress and Safety Systems Maintainer and Operator Licenses, the
Radar Endorsement and the Radiotelegraph operators Certificate.

Our next commercial exam session will be held at 10 AM on
Saturday March 11th in Cambridge MA at 77 Mass Ave in
MIT's Room 1-150.

A regular schedule of exams is planned for Cambridge MA on the
second Saturday of odd numbered months. For more information call
Nick at 617 253 3776 (9-5).

There is a $35 examination fee. Bring the ** original ** and a
copy of any commercial license or proof of passing certificates
you want to claim credit for. Also bring 2 forms of picture
ID, a black pen and a pencil. For all licenses except the GROL
there is an additional $35 regulatory fee, you must attach a check
made to the FCC to your successful application. For the
Telegraph exams bring 2 passport style photos in an envelope to
attach to your application

* The FCC has delayed the imposition of a regulatory fee on GROL
applications pending congressional instruction on how to treat
lifetime licenses. !!!

Copies of the question pools are available from the
Government Printing office or from W5YI at 1 800 669 9594.
This is probably the best study guide available for the
GMDSS, Radar and Telegraph exams.

* A comprehensive text book by Fred Maia and Gordon West
covering the MROP and GROL exam material is now available at
Radio Shack.

The General Radio Telephone Operators License is required to
service transmitters in the aviation, maritime and international

radio services. A Maritime Radio Operators Permit is required to operate radiotelephone stations aboard ships carrying passengers for hire and certain aviation and coast stations. Large ocean going ships will be required to carry two Global Maritime Distress and Safety Systems - operator licenses. A GMDSS Maintainer License is required to service GMDSS equipment. A Radiotelegraph Operators Certificate is required to be a radio officer aboard certain large ocean going ships.

Amateur Extra Class operators may be particularly interested in obtaining a commercial telegraph license as they will receive credit for the required class code exam. Bring your original amateur license and a copy to claim this credit.

The MIT Radio Exam Team operates under the auspices of the National Radio Examiners COLEM, part of the W5YI group.

275. Re: 1-800 number for new HAM callsigns

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 06:07:05 UTC
From: Dave & Jim Withrow <withrowd@delphi.com>
Message-ID: <ZGzZo-h.withrowd@delphi.com>
Source record: 253921

The number is 1-800-322-1117.

276. Re: Using JVFAX70 with HAMCOMM interface?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 06:24:45 UTC
From: paulr@pwd.nsw.gov.au
Message-ID: <3einnd$dv5@vulpes.pwd.nsw.gov.au>
Source record: 253923

```
In article <3eefog$nrj@fohnix.metronet.com:,
Charles Copeland <copeland@fohnix.metronet.com: wrote:
:In article <bcieslak.48.0008888E@mkelan5.remnet.ab.com:,
:Brian C. <bcieslak@mkelan5.remnet.ab.com: wrote:
::
::
::In article <F15B564165051B81@snypotvx.bitnet:
::COLERK%snypotvx.BITNET@UBVM.CC.BUFFALO.EDU writes::From:
::COLERK%snypotvx.BITNET@UBVM.CC.BUFFALO.EDU:Subject: Using JVFAX70 with HAMCOMM
::interface?:Date: 30 Dec 94 03:09:00 GMT
::
::Roger keep us posted...there are a few us out here ready to make the same step
::in bringing up JVFAX. Do you receive in color? If so what video card do you
::have and are you using the VESA driver?
:
:JVFAX does not display in color, but does receive in color. After
:receiving a SSTV picture, pull it up with cshow and its in color.
:

I use JVFAX6.0 and I get SSTV pix in colour as recieved. Using 386SX
and SVGA screen. Simple '741 i/f built into DE9 shell.

paulr
--
| Paul Rodenhuis | Database Administration | Information Services Branch |
| NSW Public Works Dept | paulr@pwd.nsw.gov.au | +61-2-372-7037 FAX 7022 |
| VK2AHB@VK2XY Home +61-2-449-9212 Fax +61-2-449-7827 | Mobile 018-647-364 |
```

277. FT-11R mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 08:41:11 UTC
From: sphillip@nyx10.cs.du.edu
Message-ID: <3eivn7$l17@nyx10.cs.du.edu>
Source record: 253925

Was wondering if anybody knew if it was safe to do the 440MHz mod for the
FT-11R? Was also wondering what other mods were around for it? I've got
the extended transmit mod, and the cloning command. Want everything else for itif there is
any. Thanx...

73 DE KB0OLF
Steve

278. Re: HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 11:46:37 UTC
From: rdonnell@eskimo.com
Message-ID: <TsI3lWml14gO064yn@eskimo.com>
Source record: 253926

In article <Zay5Y9Y.wcoyle@delphi.com>, wcoyle@delphi.com wrote:
> In reguards to using an old crystal controlled unit for packet,
> I've read that this would be a very *bad* idea. Has anyone
> considered that this crystal controlled set would use a relay
> for TX/RX switching? This would slow down you communications
> to a great extent.
>
> Ps. I'm new to the whole packet game, so if what I've said is
> irrelivent, I'm sorry....
>
> 73
> Bill
> N3OGH

Hi Bill,

I just wrote a long comment about this recently, but to sum up, most of the crystal-controlled relay-switched rigs work better for packet than the solid-state synthesized rigs. The fault here is the synthisizer. Many synthesized rigs need to have TNC TXdelay set for 200+ milliseconds to allow the transmitter time to get on the air on frequency. Handheld radios are usually worse.

The crystal controlled rigs come up on-frequency, and unless you get a radio with a very slow relay, the relay is pulled in within 50 milliseconds. As an example, the rigs we have the >best< success with here on two meters at 9600 are old '70s vintage commercial mobile radios.

The relays in these radios operate in 3 milliseconds to keyup, and 4 milliseconds to go back to receive. The relay is used only for antenna switching from the receiver to the transmitter. The solid state power switching is sequenced so that RF is not actually generated until the relay has closed. We discovered (by measurement) that the delay was a lot longer than needed - about 60 milliseconds. By changing capacitors in the time constants for the delays, we sped the transmitter up to a 7 millisecond keyup delay.

Hope that gives a little insight as to where the problem really is.

73, Bob

--

| Bob Donnell, KD7NM bob@ethanac.kd7nm.ampr.org rdonnell@eskimo.com |
| Western Washington Amateur IP Address Coordinator (206) 775-3651 |
---

279. Vienna Virginia Winterfes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 11:48:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.3408.545@acenet.com>
Source record: 253927

Newsgroups: rec.radio.amateur.misc

M2>When is the 1995 Vienna Wireless Society Winterfest?

Please let me know when you find out!
brian.carling@acenet.com

 SLMR 2.1a Maryland does not enforce child labor laws.

280. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 12:45:54 UTC
From: ehare@arrl.org
Message-ID: <1995Jan6.124554.18056@arrl.org>
Source record: 253779
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Earl=Morse%EMC=Srvc%Eng=Hou@bangate.compaq.com wrote:

: >What about it, fello OF's? Was the Novice a ghetto?

: Nope, it was more like a bull pen (baseball vernacular). A place
: for you to warm up and unfold your stuff with others who were
: at your level. Away from the jeers and sneers of the high and
: mighty who might be looking to bash the new guy. There sure
: wasn't any derisive comments made novice to novice because
: each was just as shaky at the key.

When I hear someone bash a newcomer for not using the "correct" procedures on a local repeater, or happen to utter the word "destinated", I wonder how much of their own humble beginnings they have forgotten. On CW, I remember my QTH was "MANCHESTER, dah-dah-di-di-dah-dah CONN di-dah-di-dah-di-dah". It was a miracle that I managed a few contacts a night. I learned more efficient and socially acceptable procedures slowly. I remember fondly a few kind folks who taught me by example, or gently explained better procedures. There were probably a few lids who flamed me to ash; they apparently didn't have much effect because I don't remember them at all.

73 from the ARRL Lab, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

281. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 13:15:56 UTC
From: mpfb8@central.susx.ac.uk
Message-ID: <3ejfqc$7ec@infa.central.susx.ac.uk>
Source record: 253780

James Beischel (gamma7@ix.netcom.com) wrote:
: In <Zaz4QrR.wcoyle@delphi.com> wcoyle@delphi.com writes:

: >
: >SOS and Lid I understand (who would want the callsign LID

Worked UA3LID back last summer during our FD.

As I recall, he wasn't one!

73...Peter, G4BVH

282. Re: AEA position opening

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 13:30:00 UTC
From: cbpatten@snoval.fidonet.org
Message-ID: <2f0d7076@snoval.fidonet.org>
Source record: 253781

-=> Quoting AEA Technical Support to All <=-

ATS> From: 76702.1013@compuserve.COM (AEA Technical Support)

ATS> OPPORTUNITY AT AEA
ATS>
ATS> CUSTOMER SERVICE TECHNICIAN
ATS> HAM RADIO
ATS> Advanced Electronic Applications located in Lynnwood, Wa. has an
ATS> immediate opening for an experienced Ham Radio operator in our
ATS> Customer Service department. Job requires heavy customer phone
ATS> contact resolving technical problems. Applicant must have excellent
ATS> verbal and written communications skills. Qualifications include:
ATS> Licensed Amateur Radio operator with packet radio, DOS and Windows
ATS> experience.
ATS> Please send resume or apply in person to:
ATS>
ATS> AEA PERSONNEL
ATS> 1750 112th AVE. N.E. SUITE D159
ATS> BELLEVUE, WA. 98004
ATS>
ATS> OR Via Internet: 76702.1013@compuserve.com

As a non-ham, Technical Service and Support Professional, I am
interested in your requirement that the applicant for this job
must be a "Licensed Amateur Radio operator". With over 25 years
of active electronics experimenting and repairing experience,
your requirement seems a little spacious. Unless, of course, the
sucessful candidate will have to operate a station to handle calls
on the air, thus violating the requirement that Amateur Radio not
be used commercially... As one of your first customers to place
an order for your UHF SWR meter (about two months before you
actually released it-remember Global Wulfsberg Systems-Sundstrand?)
I have enjoyed using your equipment and usually have my 2 meter HT
on, listening to the Boeing (K7NWS) repeater. I also fix the
occasional broken "rig" that friends drag over from time to time.
Is there some reason that you wouldn't like me to send in my resume?

chuck...

... You mean 15" sparks are SUPPOSED to come out of this thing?!?

283. Where can i find software ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 13:58:02 UTC
From: eureka@world-net.sct.fr
Message-ID: <eureka-0601951459260001@client20.sct.fr>
Source record: 253782

Where can i find software ? for amateur activity ?
Soft for the PC and Mac ??

Thanks your can send on my e-mail or answer here.

Patrick Call F1JBS
73's

eureka@world-net.sct.fr

284. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 14:09:34 UTC
From: zlau@arrl.org
Message-ID: <1995Jan6.140934.20635@arrl.org>
Source record: 253783

I thought of a significant difference between laptop computers
and walkmans/radios. The latter normally has some sort of
antenna attached--that headset cord isn't too difficult to use
as an antenna. I think some FM receivers actually use the
headset cord as the antenna. Remember, to cause interference
you not only have to generate a signal, but somehow couple it
into the device being interfered with. Of course, radios aren't
useful without antennas.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

285. Re: Do NTSC TVs work on 50 Hz power?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 14:57:25 UTC
From: PETER@EMBL-HAMBURG.DE
Message-ID: <3ejlol$n79@dscomsa.desy.de>
Source record: 253785

In <wa2iseD1x0H0.99C@netcom.com> wa2ise@netcom.com writes:

> NTSC TVs and VCR should work fine on 50Hz, the vertical scan is controlled
> by the TV signal's sync signal, not the powerline. NTSC vertical rate
> isn't exactly 60Hz, it's at 59.94Hz.
Thailand used to have NTSC TVs (maybe still has) but there were problems
with mains ripple on the DC lines. You don't need quite so many uF in the
hum filters at 60Hz. result was often a 10Hz wobble in the vertical or hum
bars at 10/20Hz. I remember studio monitors with banks of 100uFs on the back
panel!

Transistor equipment and switching power supplies might have solved such
problems for good equipment. Probably leaving troubles only on really cheap
stuff!

OTOH several US Firms bring training videos to Europe and show them on
unmodified VCRs and Barco's with just a transformer to adapt the mains from
117 to 230v and nobody is the wiser!

73
Peter

Peter Bendall Computer Manager
European Molecular Biology Laboratory, Hamburg Outstation.

Internet: Peter@EMBL-Hamburg.de | Tel: +49 40 - 899 02 133
Home: http://www.embl-hamburg.de/~Peter | FAX: +49 40 - 899 02 149
Fido: Peter.Bendall@2:240/4036.4 | Amateur Radio: DJ0JR or GW3NBU
== GAT d@(-) -p+ c+(++) l@ u-() e? m@ s+/+ n+ h?(---) f- g@(+) w+ t r y?(@) ==

286. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 15:22:08 UTC
From: bill@triangle.cs.uofs.edu
Message-ID: <3ejn71$9m0@gopher.cs.uofs.edu>
Source record: 253816
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In article <3eetos$r7j@ra.nrl.navy.mil>, helliott@losat.redstone.army.mil (Doc Elliott) writes:
|> In article <3eem1v$h8c@decaxp.harvard.edu>, ys@isr.harvard.edu says...
|> >
|> >The names of the three pioneers are Albert S. Hyman, Bob Almy, and
|> Peggie
|> >Murray. They called their station Hyman-Almy-Murray, and some people
|> >claim that the call later became HAM. It is described in "Why An
|> Amateur
|> >Radio Operator Is Called A 'HAM'" in The Amateur Radio Communicator,
|> >March/April 1994 issue, page 19. The article is about half a page. If
|> >many people are interested in the article, I will post it here. By the
|> >way, these three were members of the Harvard Wireless Club.
|> >
|> >73, Yuzuru Suzuki, AA1JA
|> >(e-mail address: ys@isr.harvard.edu
|> > member of Harvard Wireless Club, W1AF)
|> >
|>
|> Woops, Okay, so it was not "Radio Fun" magazine. I, for one, would like
|> to have the article text, if we can do that without blowing some
|> copyright lawyers minds. Please post it...
|>

The same urban legend was printed in Popular Electronics many years ago (I think I probably still have it in the attic somewhere.) They had no evidence to support the story then and I doubt there is any more now. I doubt that we will ever know the true derivation of the term.

bill KB3YV

--
Bill Gunshannon | de-moc-ra-cy (di mok' ra see) n. Three wolves
bill@cs.uofs.edu | and a sheep voting on what's for dinner.
University of Scranton |
Scranton, Pennsylvania | #include <std.disclaimer.h>

287. Repeaters in San Francisco area

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 15:22:40 UTC
From: Brad=Staff%SW=Commr%PCPD=Hou@bangate.compaq.com
Message-ID: <78940216034n12@131.168.114.12>
Source record: 253786

I will be in the Burlingame / San Francisco area for a few days
later this month. I would appreciate recommendations on 2m
and/or 70 cm repeaters in the area.

73,

Brad Staff
aa8if@bangate.compaq.com

288. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 15:34:24 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3ejnu0$mae@cat.cis.Brown.EDU>
Source record: 253787
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1995Jan6.124554.18056@arrl.org>,
Ed Hare (KA1CV) <ehare@arrl.org> wrote:

>When I hear someone bash a newcomer for not using the "correct" procedures
>on a local repeater, or happen to utter the word "destinated",

Now, wait a minute Ed. Last month at supper you looked totally out of your
element with an HT in your hand. Now you're admitting that you LISTEN to
2 meters? Hmmmm...

>I wonder how
>much of their own humble beginnings they have forgotten. On CW, I remember
>my QTH was "MANCHESTER, dah-dah-di-di-dah-dah CONN di-dah-di-dah-di-dah".
>It was a miracle that I managed a few contacts a night.

Oh yeah? Well, try sending PROVIDENCE, RI! And people wonder why Tony has
Single Sideband Wallpaper.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

289. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 15:36:15 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199501061602.IAA03784@ucsd.edu>
Source record: 253788

>Of course the airlines worrying about receivers is mostly overreaction. I
>'spose something close to the cockpit could cause a navigation problem but
>hell, the cockpit is using GPS and running tons of other equipment that's
>probably cranking out enough RF to cook potatoes. You wouldn't think they'd
>worry about someone way back in coach.

well, maybe...but FM immunity is the new problem being solved right now in aircraft nav equipment. more a problem in other countries than North America, older nav equipment had a tough time being near high power FM broadcast stations.

GPS's don't transmit. Weather radar is on the order of 100W or less peak (I think a TWR-850 is like 25 watts peak...) DMEs seem to be the new high power transmitters along with HF radios.

also -- who says the antennas are up by the cockpit or that that's where the radios are? panel mount radios are common in private and small aircraft but not in aircraft of any size.

aircraft radios are remotely controlled, and generally mounted in any nook or cranny that can't be used for something that would generate revenue (so we end up with the avionics mounted in the wheel wells or *behind* the galley with all the problems of access if there's a problem and things like attitude heading reference systems that want to be buried near the aircraft CG...)

antennas/sensors are located all over the plane's skin because of things like keeping the nav antennas away from the comm antennas away from the transponder and radar and dme antennas and adf antennas etc...basically all the antennas have to be away from each other and yet still in a position to do what they need to do. this means just about all surfaces have something on them, both top and bottom....

then there's all the cabling from the antennas to the various equipments and to the displays or other data users and to and from the control head. and all that runs around the aircraft in the walls and under the floor...

i believe the original problem was that radio receivers could generate on channel spurious that could block the navigation and instrument landing systems...pretty serious stuff. i probably wouldn't happen to most people but it only has to happen once to be a black eye both for the amateur service and the airline industry.

probably the best thing to do is to put away the toys while flying and read a book while in flight. given there are a lot of things that can knock an aircraft out of the sky, it doesn't seem like one should tempt the flyswatter of god over something as minor as using a radio in a plane during flight.

if you want to operate from an aircraft, get a group together and charter one just to do that...heck with a bit of planning, you might even be able to work field day from the goodrich blimp...

(humm...there's a thought..tethered balloon with wire antenna below the gondola for field day....wonder if power and rf could be multiplexed to avoid having to carry a generator up the basket...?)

bill wb9ivr
rockwell avionics/collins

290. Re: Just a hobby? (was: 2m vs cellular)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 16:07:10 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-060195101319@m14494-mac.mitre.org>
Source record: 253789

Tom Randolph wrote:

> You know, if the only aspect of amateur radio that is considered "for the
> public good" is that which the public can see directly, i.e. emergency
> operations, then we might as well turn over our bandwidth for auction.

The principal impetus for the government to tolerate, and even promote, amateur radio was to provide a pool of self-trained radio operators who could be called to military service when needed. This is exactly what happended in WWI and WWII.
The main thing was morse code, which was widely used by the military in those days, and takes a long time to learn. Secondary interest was in experimentation, and public service emergency communications.

The other reason we've been tolerated is that just about nobody wanted our frequencies; or to put it another way, we got the frequencies nobody else wanted. That's why hams originally got "200 meters and down"; the experts of the day thought those frequencies were useless. It was the hams who "discovered" shortwaves and VHF. This is also why we keep losing bands; commercial interests are finding out how valuable they are, and we lose them. I think we'll hold on to 2 meters and parts of 440, but you can kiss everything else above 200 MHz goodbye, no matter how much public service stuff we do. Just one ham's opinion.

Mike, N4PDY.
--
mwhite@mitre.org

My opinions are my own, not my employer's.

291. Re: Just a hobby? (was: 2m vs cellular)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 16:31:10 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan6.163110.20863@ke4zv.atl.ga.us>
Source record: 253790

In article <3eh8b5$pgb@mrnews.mro.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:
>
>In article <1995Jan4.153325.11622@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
>>What Kevin appears to be lamenting is that too many amateurs treat the
>>service, and their participation in it, as "just a hobby" instead of as
>>a voluntary enterprise intended to advance the public and national interest
>>as outlined in the charter of the amateur radio service in Part 97.1.
>
>You know, if the only aspect of amateur radio that is considered "for the
>public good" is that which the public can see directly, i.e. emergency
>operations, then we might as well turn over our bandwidth for auction.
[delete]

Indeed. Fortunately, Part 97.1 recognizes other purposes for the service that support the public and national interest, including all the ones you proceeded to list. Direct emergency comms are an infrequent, though still not insubstantial, part of the amateur service, but it is primarily those other things that make amateurs valuable to the public and the nation.

Self trained technicians, and people with an awareness and affinity for communications technology, provided at no cost to the government, are primary contributions of the amateur radio service to the national interest. SOTA experimentation is also a valuable, though relatively minor, contribution of the amateur service. Mostly, amateurs are the world's largest beta test organization for those popularizing and lowering the cost of communications systems.

The most proximate example of the latter contribution is packet radio. Amateurs took a government developed idea, found ways to do it cheaply with mass produced systems, and then beta tested the hell out of the systems. Those systems then found their way into military and commercial uses that now outnumber amateur uses. No commercial company could have afforded the field testing that amateurs provided, certainly not the little garage shop companies that pioneered the field.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

292. Ham Fest in central california

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 16:55:23 UTC
From: earlix@ix.netcom.com
Message-ID: <3ejslr$jho@ixnews3.ix.netcom.com>
Source record: 253791

PRESS ADVISORY FOR IMMEDIATE RELEASE
Larry Earlix, KC6JEV Janurary 10, 1995
MONTEREY, CALIFORNIA

Local Ham Radio Operators Sponsor Regional Event In Monterey

On Saturday, January 21, 1995, from 7am to 2pm, local ham radio operators, along with the Naval Postgraduate School Amateur Radio Club, will host the 6th Annual WINTERFEST, a regional gathering of ham radio operators from all over the West Coast.

This event, free to the public, will be held in the College Center at Monterey Peninsula College. WINTERFEST will feature displays, contests, and demonstrations of amateur radio.

In attendance will be representatives from the AMATEUR RADIO EMERGENCY SERVICE (ARES), the folks who handle emergency messages during earthquakes and other disasters, the MILITARY AMATEUR RADIO SERVICE (MARS), the folks who keep families in touch with the troops during operations like `Desert Storm', and representatives from the AMERICAN RADIO RELAY LEAGUE (ARRL), the nation-wide organization of Amateur radio operators. Members of the club will also have booths to answer any questions about ham radio. For those interested, there will be information on classes, to help folks pass the exam to become an amateur radio operator

Directly on the site, organizers will set up a `special event' amateur radio station, operating on emergency power. This station will make 2 way contacts with other ham operators, all over the world, in celebration of the event. Visitors may send, non-commercial, messages any where in the world, at no charge, through a digital radio network called PACKET. PACKET is a voluntary network of local hams, all over the world, who use computers to automatically transmit, receive and relay messages to nearly every place in the world.

Demonstrations will include, classes on the Internet and ham raido, how to become an amateur radio operator, how the amateur radio emergency service works, how to bounce radio signals off satellites and the moon, amateur television, Morse code and voice transmissions. State-of-art equipment will be on display and demonstrated. There will also be a flee market that will include venders from all over the country.

WINTERFEST is an event sanctioned by the American Radio Relay League (ARRL), the nationwide organization of ham radio operators.

The Naval Postgraduate School Amateur Radio Club, which represents only a portion of licensed ham radio operators in Monterey County, has over 250 members.

CHECK OUT OUR NEW HOME PAGE ON THE WEB
http://www.sp.nps.navy.mil/nparc/k6ly.html

293. Re: Looking for tpk-182.zip

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 17:03:17 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.36.00104212@dlep1.itg.ti.com>
Source record: 253827

In article <3edq89$f1c@itu1.sun.ac.za> pierre@PROBLEM_WITH_INEWS_DOMAIN_FILE (Pierre Joubert) writes:
>From: pierre@PROBLEM_WITH_INEWS_DOMAIN_FILE (Pierre Joubert)
>Subject: Looking for tpk-182.zip
>Date: 4 Jan 1995 09:37:13 GMT
>Summary: Looking for the tpk-182.zip file
>Keywords: Packet radio

>I am looking for a ftp site for tpk-182.zip file or somebody who could e-mail
> it to me.

>Thank's
>Brian (zs2ss)

Brian, ftp to ftp.funet.fi under the directory ham/packet/terminal.
The file is tpk-182.zip

Goodluck, de DU2BBH (Wasmir)

294. CWIST Friday Night Fist Function

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 17:18:57 UTC
From: rdkeys@csemail.cropsci.ncsu.edu
Message-ID: <3eju21$5jd@taco.cc.ncsu.edu>
Source record: 253792

For Those Interested In CW Sorts of Things:

I will be on again at the appointed midnight hour for the continuing saga of the Sacred and Most Honorable Friendly Society of Brass Pounding Fist-Functioning CWISTS.

For the past several weeks, I have not been around for the CWIST Friday Night Fist Function. The holiday schedules were hectic, and I even missed the traditional SK Night. But, this Friday night seems like a good one, again. So, consider this the posting for the gettogether. It is a bit late, but sorry about that.

Remember that the time is midnight LOCAL time, so that folks plus or minus a time zone or two should be able to work others an hour earlier or later if they want to play around longer on the brass. Concievably, one could pound brass for the entire day depending upon skip and have the possiblity of working other CWISTS.

Note that six possible frequencies are available for use +- QRM. 1802.5, 3702.5, 7102.5, plus non-US compatible or capable frequencies of 1820, 3520, 7020 khz, for the Europeans, Asians, etc, who don't inhabit the novice bands. I don't know if that will work well, but we will give it a try. So, check whatever of the six frequencies you can use and if you don't hear anyone give a call or QSY to another channel. I will monitor/scan as many as I can but probably only work the 160/80 channels.

I will be on 3702.5 at midnight EST (0500UTC). I will conduct the session as an informal net, at that time, with me at the helm, unless anyone else wants to take the reins.

I will be on 1802.5 at 1 am EST (0600UTC). I will conduct the session as an informal net, at that time, with me at the helm, unless anyone else wants to take the reins.

I may or may not be on much later depending upon how the java holds out, and whether or not the glass arm sets in again.

If you can't make either session, drop by earlier or later on any of the six frequencies to check if anyone is around, ON THE HOUR, after dark, or maybe from 0200UTC onward for the US folks. This week is gonna be quite cold all over, so the propagation after dark on 160 and 80 should be several thousand miles, easily. 40M may or may not be very good at that time.

Hope to see you there!

73 Bob/NA4G

****

QST QST QST CQ CQ CQ DE NA4G NA4G NA4G BT
0616250UTC JAN 95
FM NA4G
TO ALL CW OPS WORLDWIDE BT
CWIST FRIDAY NIGHT FIST FUNCTION.
USA OPS QSW/QSX 1802.5/3702.5/7102.5KHZ MIDNIGHT LOCAL TIME FRIDAY NIGHT.
NON-USA OPS QSW/QSX 20 KHZ UP FROM THE BOTTOM BAND EDGE.
GET ON THE AIR AND ENJOY A PLAIN CW EVENING ON THE 40/80/160 METER BANDS.
USE A REAL HAND KEY (A STRAIGHT SENDING IRON OR BUG IS ENCOURAGED).
A VERY SIMPLE VERY INFORMAL STYLE FORMAT WILL BE UTILIZED.
AT 0500UTC I WILL CALL AN INFORMAL NET ON 3702.5 KHZ.
AT 0600UTC I WILL CALL AN INFORMAL NET ON 1802.5 KHZ.
AT OTHER TIMES CALL AS INDICATED BELOW.
CALL CWIST IMI DE YOURCALL K.
CALL FROM FIVE MINUTES BEFORE TO FIVE MINUTES AFTER THE HOUR.
LEAVE SPACE BETWEEN CALLS FOR OTHERS TO JOIN IN.
USE A ROUND-TABLE FORMAT SO SEVERAL FOLKS CAN JOIN IN SIMULTANEOUSLY.
ENJOY OLD-TIME AMATEUR RADIO AND TRY SOME FRIENDLY BRASS POUNDING.
EXCHANGE MORE THAN RST QTH NAME HELLO AND GOODBYE.
HELP ALONG THE NEW HAMS ON CW TO GET THEIR SPEED UP.
TELL A FAIR YARN OR TWO AMONG FELLOW CWISTS AND RAGCHEW A LITTLE WHILE.
TELL SOME HISTORY ABOUT THE OLD-TIME DAYS AND YOUR EXPERIENCES IN RADIO.
IF YOU ARE AN OLD TIMER PLEASE JOIN IN AND SHARE YOUR EXPERIENCES.
IF YOU WERE EVER A PROFESSIONAL PLEASE JOIN IN AND SHARE YOUR EXPERIENCES.
IF YOU ARE CURRENTLY A PROFESSIONAL PLEASE JOIN IN AND SHARE YOUR QRA/QRD.
USE BOATANCHOR GEAR IF YOU HAVE IT AVAILABLE OR WHATEVER YOU HAVE.
QRP/QRO - QRQ/QRS - ARE ALL WELCOME.
SEE YOU THERE OM/YL.
73 TU SU DE NA4G BOB AR

****

Definition: A CWIST is a person with an active interest in the PRACTICE
and USE of continuous wave radiotelegraphy as directly is
appliccable to amateur radio. Such PRACTICE and USE may
take the form of learning about radiotelegraphy and its
history in amateur/commercial areas, its application to radio
telecommunication, the practicing of the art and craft of
radiotelegraphy, and the refining and developing of the
technology of radiotelegraphy.

Let us all work together to continue to advance and promote the friendly
use of CW on the amateur radio bands.

Let us continue to assist and help the newcomers and slowspeeds who
are trying to get their CW going.

Let us to continue to promote the use of whatever gear you have up
and available, be it the newest of sorts or the oldest boatanchor.

Remember, CW generation has not changed since the days of Poulsen arcs,
Alexanderson alternators, and Pliotrons.

Let us continue to promote the sharing and fellowship of the history
and traditions of amateur radio (this includes all you OTs out there
that have all sorts of goodly tidbits of history to relate to the young
squirts on the block, and it includes all you young squirts on the block
who, even though a bit new at CW and radio are the future of the service
or hobby or profession).

Let us continue to promote the ``elmering'' of all of our new folks
by the old timers aboard, in any way that we can. We should not be
out to convert the brethren to CW, but should be there to elmer them
and assist them in learning/practicing their skills, if possible.

So, OTs aboard, young squirts in the wings, high-speed afficionados of
the art, and slow-speed ragchewers, join in on the fun. If your
equipment is old boatanchor, so what. If your signal is a bit weak or
chirpy, so what. If your antenna is just a mere piece of wire up into
the trees, so what. YOU can still join in and participate.
YOU are the folks who will make it what it can be, a goodly learning
time and an enjoyable evening for all.

See You There OM/YL.....

73 TU SU VA DE NA4G
Bob

****
* May you have fair winds and following seas on your watch at the key. *
****

--

****
* Robert D. Keys, Assoc. Professor, Seed Research *
* Department of Crop Science *

295. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 17:19:58 UTC
From: Tim@mikebray.demon.co.uk
Message-ID: <789412798snz@mikebray.demon.co.uk>
Source record: 253793

In article <3ef6ct$3en@bashful.isi.com>
jerry@isi.com "Jerry Gardner x323" writes:

> I think perhaps we should get away from calling ourselves "amateur" as
> well. It implies we're some kind of inexperienced beginners.

I agree.

What about using the term 'licenced radio operater'.

--
Tim Bray

Press any key to continue or any other key to quit

296. Do you like $MONEY$? Then you GOTTA read this!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 17:20:26 UTC
From: jangus@skyld.grendel.com
Message-ID: <789412826snx@skyld.grendel.com>
Source record: 253794

In article <gharrison.18.0016A05A@khan.mini.mot.com> gharrison@khan.mini.mot.com writes:

>
> ----------TAKE A MINUTE TO READ THIS.....IT IS WORTH IT!!!!!!!----------
>
> Your attention, PLEASE!

> Dear Friend,
>
> My name is Dave Rhodes. In September 1988 my car was reposessed

This may have been posted with a return address of motorola, but this
originated on a machine over at Texas Instruments. The postmaster at TI
have been made aware of this and has taken steps to cancle/deal with it.
(Hopefully including castration followed by public drawing and quartering)

73 es GM from Jeff

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

297. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 17:32:58 UTC
From: roh033.mah48d@rohmhaas.com
Message-ID: <roh033.mah48d-060195123438@136.141.220.39>
Source record: 253795

In article <3efg18$8ca@engnews1.Eng.Sun.COM>, wdh@Eng.Sun.COM (Dennis Henderson) wrote:

> Amen. Can one ask for another callsign if they dislike theirs enough to
> be embarrased about it? My wife got KD6BUN.

YES. Just fill out a new 610 and check the "New Callsign" box. She doesn't have to wait for an upgrade. AA3FU turned hers in for a new one the day it arrived!

--
John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

298. Help Radio`

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 18:18:54 UTC
From: tony@sci.ccny.cuny.edu
Message-ID: <D1zxJI.1qy@scisun.sci.ccny.cuny.edu>
Source record: 253813

hi,
I want to start to learn how to build my own transmitter and receiver but
I don't know where to start .. Can anyone tell be where to start ...
Any help is wanted ...

tony

299. Kenwood Computer/Transceiver Kit For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 18:23:58 UTC
From: cwtech@infinet.com
Message-ID: <3ek1ru$lk4@rigel.infinet.com>
Source record: 253797
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

I have a partially assembled transceiver/computer interface kit for Kenwood rigs I will sell for $25.

Explanation: I sell these kits based on my 2/93 QST article ("Everything You Always Wanted to Know About Computer Controlling Modern Radios"). They are also detailed in chapter 22 of the 1995 Handbook. Anyway, I designed a new circuit board for the Kenwood models and built an interface with it to the point that I could statically test it. It works and I incorporated the new PCB in the kits.

Having no Kenwood radios, I don't really have a use for the interface board and I wouldn't think of disassembling it for kit parts. Soooo, if anybody wants a cheap way to get a nice interface, buy this board and put it in a case, add the cables (provided) and you're ready to go. I usually sell these kits for $49, so this is a pretty good deal.

I also still sell the kits for both Icom/Ten-Tec/Yaesu $47. E-mail if you're interested. Thanks.

--

_/_/_/
_/ _/ _/ _/ CW Technology - Your Innovative Kit Source
_/ _/ _/ e-mail to cwtech@infinet.com or call
_/ _/ _/ 800-547-7479 for a free catalog!
_/ _/ _/
_/ _ _/ _/_ _/ Specializing in complete, easy-to-build kits
_/ _/ _/ _/ _/ _/ for Amateur Radio, Robotics, Motion Control,
_/_/_/ _/_/ _/_/ and Just-Plain-FUN!

300. Long dahs using MFJ 407C keyer

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 18:27:18 UTC
From: djenkins@jetson.uh.edu
Message-ID: <3ek226$82u@masala.cc.uh.edu>
Source record: 253796

I'm learning to use paddles/keyer, so this may be a user problem.

Every once in awhile (maybe 5 times one evening, maybe not at all for an evening or two) I will be merrily sending code along in auto mode, and I will get an extra long dah--about 2-3 times longer than it should be.

Has anyone else with the MFJ 407C keyer had this problem? Got a solution? I called MFJ and they asked me to get the rev. level of the EPROM and call them back, which I will. My chip says "113" (could be 1.13 -- can't tell if the dot is dirt or a real period) and is dated 1993.

TIA es 73

David F. Jenkins
Decision and Information Sciences
University of Houston
KC5JRR

301. Ham Licence Plates ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 18:47:55 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3ek38r$i9t@fido.asd.sgi.com>
Source record: 253798

This may have been discissed here before, but does anybody have
any information regarding the cost of callsign licence plates
for California.
(DMV keeps putting me on looooonnnggggg holds)

And while you're at it can someone conjure up an expansion for
KE6PRL.

73

Aditya, KE6PRL

302. INFO REQUEST: Astatic and D-104

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 19:00:43 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.789418843@melpar>
Source record: 253799

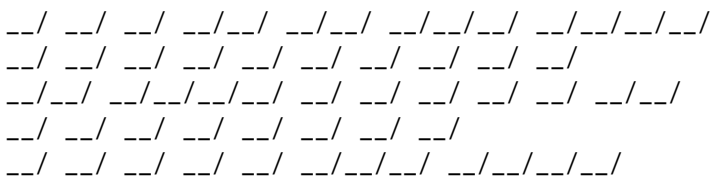
Following info needed if anyone has it available:

1. Mailing address and/or telephone number of Astatic (makers of the D-104 microphone).

2. Information on the differences between the crystal and ceramic elements for the D-104 mike; i.e., impedance, frequency response, etc., and why/under what conditions one might be preferred over the other.

Please e-mail info to pbock@melpar.esys.com

TNX ES 73 DE



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

303. Kenwood 732 Intermod

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 19:29:29 UTC
From: jws@fc.hp.com
Message-ID: <3ek5mp$ba5@tadpole.fc.hp.com>
Source record: 253800

Are there any known problems/fixes for what appears to be intermod problems on the 440 band for the Kenwood 732? My older 701 doesn't generate nearly the noise as the newer, higher-tech 732. The 732 appears to be picking up local UHF pagers, and possibly cellphone signaling.

I'm not in a particularly high-RF area, but monitoring a 440 repeater is still very annoying.

John, NK0R
jws@fc.hp.com

304. HELP ! ! ! I NEED A FT-227 MMB

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 19:42:39 UTC
From: Dave Phillips <dphillips@ips.iac.honeywell.com>
Message-ID: <3ek6ff$i5v@adm09.iac.honeywell.com>
Source record: 253801

I would like to buy a Yaesu FT-127/FT-227 mobile mount,
with or without a radio attached.

Doesn't anyone have one they would like to sell ? ? ? ? ? ? ? ? ?

Please reply via e-mail or call

Dave Phillips
KB7JS
dphillips@ips.iac.honeywell.com
phllpdad@bbms.iac.honeywell.com
davekb7js@aol.com
(602) 863-5057

305. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 21:11:00 UTC
From: ehare@arrl.org
Message-ID: <1995Jan6.211100.4384@arrl.org>
Source record: 253802

Peter Reed (mpfb8@central.susx.ac.uk) wrote:

: Worked UA3LID back last summer during our FD.

Gosh, on April 1, 1992 I worked UR1LID, who was about 60 dB over S9.
Funny, he copied my 10 milliwatt CW signal 599+, too. Band musta' been open
that day. :-)

73 from the ARRL Lab, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

306. Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 21:18:08 UTC
From: drewbob@mit.edu
Message-ID: <3ekc2g$34b@senator-bedfellow.MIT.EDU>
Source record: 253803

I look over the most-recently-issued callsigns, and I notice that the 1x3s are almost all gone, everywhere. The Tech surge has dried up the pond.

When I first got into ham radio in the 70's, you had to be an Advanced licensee to qualify for a 1x3 call. Even the Generals had to stick to their 2x3s. And as I struggled (unsuccessfully) to get my Advanced, it wasn't the freq. privileges that urged me on, nor a tremendous interest in the theory (I was 13 at the time and it was really beyond me...the Advanced test used to be a lot harder back then) - it was that elusive 1x3 callsign. That was the incentive. Well, I took that test 4 times and failed every time, and this was back when you had to go to the FCC field office to test, and wait a month if you failed.

Sixteen years later the bug bites again (I saved it, it's a Vibroplex) but nowadays they give a once-coveted 1x3 to the vast majority of entry-level hams. I was disappointed. And it seems so foolish! They should have given Novices & Techs 2x3s, Generals 1x3s, Advanced 2x2s, and Extras...well, they ran out too, but if I'd been a year or two ahead of myself I'd have gotten a 2x1.

Now, it's too late! They're gone (almost)! No more 1x3s, their dubious utility as an incentive now cast into an all-consuming fire of Techs! I hope you all realize how lucky you are. Any 1x3, even prefixed with "N", is a preferred call in my mind.

OK. Just had to get that off my chest.

73 all de Andrew, aa1hx (formerly wb1afx)

307. ARLP001 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 21:53:17 UTC
From: w1aw@arrl.org
Message-ID: <$arlp001.1995@ampr.org>
Source record: 253804
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP001
ARLP001 Propagation de KT7H

ZCZC AP69
QST de W1AW
Propagation Forecast Bulletin 1 ARLP001
From Tad Cook, KT7H
Seattle, WA January 6, 1995
To all radio amateurs

SB PROP ARL ARLP001
ARLP001 Propagation de KT7H

Solar activity was down a bit last week. On Saturday and Sunday
there were no visible sunspots. Geomagnetic indices were also
quiet, and over the weekend there were many periods with a K index
of zero.

Look for solar flux to rise slightly to a peak near 85 around
January 8 and 9, and then dip again to the low seventies for the
last half of January. Geomagnetic indices should be very quiet,
except January 20 and 21 when we should see some mildly unsettled
conditions.

Sunspot Numbers for December 29 through January 4 were 40, 12, 0, 0,
11, 24 and 36, with a mean of 17.6. 10.7 cm flux was 79.7, 76.6,
77.4, 75.4, 77.3, 76.8 and 76.9, with a mean of 77.2.

The path projections for this week are from Las Vegas, Nevada and
Jacksonville, Florida to Lebanon.

From Nevada, 80 meters should be good around local sunset and again
after 0130 to 0500z. Check 40 meters around local sunrise and from
2330 to 0230 and again from 0500 to 0600. 30 meters looks good from
1500 to 1630 and around 2230 to 0030. 20 meters should open most
days around 1530 to 1600.

From Jacksonville 80 meters should be good from local sunset until
around 0530z, after sunrise in Lebanon. 40 meters should be open
from 2130 to 0630, with marginal conditions around 0100. 30 meters
may be open around 2000 to 2230, and 20 meters from 1300 to 1630.
17 meters looks good from 1430 to 1545. On some days there may be a
15 meter opening around 1500.
NNNN
/EX

308. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 22:04:36 UTC
From: chilton@emc.com
Message-ID: <3ekepk$6up@ns0.emc.com>
Source record: 253730
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

This discussion comes up a lot; doesn't it?

Over time, I have been convinced that the following is the most plausable origin of the term "ham". It is also obvious to me that a provable origin will not be found since one has not been presented in any of the prior waves of discussion.

Theory has it that the term is passed down from days of wire telegraphy. The term "ham" was given to implicate a showoff or rogue - much in the same way as it is used today outside radio. It is probable that the first amateur radio morse/cw operators were in large part the same people that were labeled 'hams' on the wire. These people found enjoyment in cw/morse and carried the skill to their more social implications. This use of a comman wire may have appeared to be showy and flamboyant to those who used the telegraph for only work purposes.

Also, who does not like to demonstrate their skill and toys for others? Do you know a ham that does not like to show off his new radio or brag of a rare QSO? Before I was a ham, every ham I met showed me their rigs before I met their wives or children.

Or it could be named after Ham - son of Noah and brother of Shem and Japheth. :->

Ken Chilton, KA1TIH
chilton@emc.com

309. Re: Just a hobby? (was: 2m vs cellular)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 22:38:18 UTC
From: kim@nntp.cadence.com
Message-ID: <D209Jv.9z6@Cadence.COM>
Source record: 253805

Tom Randolph (randolph@est.enet.dec.com) wrote:

: In article <1995Jan4.153325.11622@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
: >What Kevin appears to be lamenting is that too many amateurs treat the
: >service, and their participation in it, as "just a hobby" instead of as
: >a voluntary enterprise intended to advance the public and national interest
: >as outlined in the charter of the amateur radio service in Part 97.1.

: You know, if the only aspect of amateur radio that is considered "for the public
: good" is that which the public can see directly, i.e. emergency operations,
: then we might as well turn over our bandwidth for auction.

: IMO, the main benefits of amateur radio are not from the occasional hurricane
: net, but from the education in an otherwise esoteric trade that all amateurs
: get in order to pass the license test and get a station on the air.
: Experimentation can take place in the ham bands, unlike the crowded commercial
: and gov't bands. How many RF engineers cut their teeth on amateur
: communications, and how many use experimentation in the ham bands to push their
: skills in the for-profit bands? Even the tech-lites can set up a station, check
: it for proper operation, and know where to get more info. if they run into
: problems like TVI. Joe Cop probably couldn't tell a PL-259 from a BNC, but I
: bet most tech-lites could check his SWR for him.

: I think it's rather short-sighted to look only at emergency nets to find the
: benefits of amateur radio.

: -Tom R. N1OOQ randolph@est.enet.dec.com

Tom, I think you are right about the training ground that ham radio provides,
but I'd like to add another insight here:

There are emergencies and emergencies. I helped a woman who was stalled
at the side of the road by calling first AAA to come and tow her car, and
then her boss to tell him she would be late. I was at home, and a fellow
ham was at her location relaying the info I needed.

Now, that was only an emergency to her (and perhaps to her boss), but I
like to think I reduced the likelihood of a more serious accident by
promoting the timely towing of her car, and perhaps I helped her keep her
job.

On another occasion or two, I was the first to notify authorities of
an accident, using my trusty HT and a local repeater. Where were all
the cell phone owners in those instances?

My point? Hams can provide communications at a moment's notice that can prevent emergencies from occuring, or from getting worse. None of this has much to do with communications in a more general emergency. This sort of "emergency" communication is also a benefit that is mostly invisible to the public, but is the sort of thing that I think hams as a group are primed by their shared ethos to engage in, more than the general populace (their cellular phones notwithstanding).

--

"Never let work interfere with your reasons for working."

Kim Helliwell

310. ham radio related Internet mail lists

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 22:42:44 UTC
From: NFullagar@oakb5_ccgate.apl.COM
Message-ID: <9500067894.AA789432848@ccgate.apl.com>
Source record: 253806

A compilation of mail lists on the Internet
related to ham radio.

I'm sure there are others. And I haven't even attempted to catlog
the FTP, gopher, WWW possibilities!

Use and enjoy. (Or delete, your choice.)

Since I'm posting this several places, apologies for any duplicates
you receive.

73,
Neil KE6NCX
nfullagar@ccgate.apl.com

==========

The following are available from UCSD. See below for sub/unsub
instructions. Except where noted, descriptions are are given from
the 'longindex' command.

ham-ant
Bidirectional mailing list with Usenet group rec.radio.amateur.antenna

ham-atv
Amateur Radio Fast-Scan Television

ham-bsd
A discussion group for people interested in ham radio applications of
the Jolitz 386BSD software.

ham-digital
Bidirectional gateway with Usenet newsgroup(s) rec.radio.amateur.digital.*

ham-equip
Bidirectional gateway with Usenet newsgroup rec.radio.amateur.equipment

ham-homebrew
Bidirectional gateway with Usenet newsgroup rec.radio.amateur.homebrew

ham-policy
Welcome to Ham-Policy!
You are invited to send comments and queries regarding Ham Radio regulations,
the future of ham radio, and related subjects to Ham-Policy@UCSD.EDU

The mailing list is in the form of a digest. It is not edited, just a
convenient envelope for multiple messages to reduce netmail load.

ham-radio
The HAM-RADIO mailing list is an experimental digest using subject grouping and MIME encapsulation to provide a daily dose of ham radio related traffic from the Usenet.

The software that creates this digest is continually changing as I fiddle with it. It's an experiment, and it may well break at times.

But if you want to hang on for the ride, feel free to subscribe.

Comments to Brian@ucsd.edu, please.

****
KE6NCX's note: I've been subscribed to this one for a while, and have had about one message per month... Eventually I wondered what I was missing, and found out what other lists there are.
****

info-hams
Welcome to Info-Hams!
You are invited to send comments and queries regarding Ham Radio operation and related subjects to Info-Hams@UCSD.EDU

The mailing list is in the form of a digest. It is not edited, just a convenient envelope for multiple messages to reduce netmail load.

Note to PC-LAN mail users: Most of these mail systems are not mature enough to participate in the internet. They are bad neighbors and do stupid and hostile things like return undeliverable mail to the entire mailing list. If you are a user of such a system, I'd really rather you didn't subscribe unless you are SURE you have software that won't shit all over everyone else's mailboxes. Thank you.

ham-space
Bidirectional gateway with Usenet newsgroup rec.radio.amateur.space

ham-uwave
Mailing list for the discussion of Amateur Radio Microwave experimentation - generally, frequencies above 1,000 MHz.

packet-radio
The packet-radio mailing list; gatewayed to/from the USENET newsgroup alt.ham-radio.packet.

To subscribe to the lists above, or unsubscribe, send mail to "listserv@ucsd.edu". The suibject may be left blank. In the body put 'sub ham-policy' or whatever list name you want.

==========

These are the ham-related mailing lists available on Netcom. For more info on any of these, send a message with 'info barc-list' in the body. (Replace barc-list with any other list you want info on.)

To subscribe to a list, send the following command in email to
"listserv@NETCOM.COM":

subscribe listname

arrl-exam-list: amateur radio license examinations scheduled in the US and
in some foreign areas.
arrl-nediv-list: bi-monthly bulletins from the ARRL NE Division director
arrl-ve-list: Info for ARRL VEs from the VEC
barc-list: Information, discussion and anouncements for the Boston Amateur
Radio Club and hams in Eastern Massachusetts.
qrp-l: Low-power radios - construction and operating
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
barc-races: RACES in Massachusetts and emergency management
fox-list: Fox hunting and Radio Direction Finding
ky1n-list: VE exams in New England
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio

==========

The following is available from cycling.org:

Info regarding the BikeHam Electronic Mailing List
Submitted by: Wayne Day <wday@dfw.net> Jan 1, 1995

The BIKEHAM@CYCLING.ORG mailing list is chartered for the discussion
of topics related to amateur radio, also known as "ham radio", and
bicycling, such as operating a ham radio station while bicycling or
using portable equipment transported by bicycle while touring. Also,
information about the Bicycle Mobile Hams of America (BMHA) will be
available through this list. Further info about this list may be
obtained from Wayne Day, KF5ZC, wday@dfw.net or
76703.376@CompuServe.Com

All administrative actions for the BIKEHAM list (such as routine
subscribe/unsubscribe requests) are handled automatically by way of a
special e-mail address on the list machine, namely:

majordomo@cycling.org

You ask Majordomo to perform various tasks on your behalf by sending
e-mail to the address above containing one or more appropriate
commands as listed below. Note that the commands must appear in the
BODY of your message since the Subject line is ignored, and that the
last command in any request should be the END command (this prevents
Majordomo from attempting to interpret any signature lines you might
have at the end of your message).

Command Result
------- ------

SUBSCRIBE list-name Put your address on `list-name'
UNSUBSCRIBE list-name Take yourself off `list-name'
END Stop processing commands (useful for
preventing Majordomo from interpreting
your signature lines as commands)
HELP Obtain help on using Majordomo
INFO list-name Retrieve the info file for `list-name'
WHICH Ascertain which lists you're on
WHO list-name Ascertain who else is on `list-name'
LISTS Show all available lists

Note: Commands can be typed in either upper or lower case.

311. Re: Looking for tpk-182.zip

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 22:44:02 UTC
From: eureka@world-net.sct.fr
Message-ID: <eureka-0601952345260001@client4.sct.fr>
Source record: 253807

In article (Dans l'article) <3edq89$f1c@itu1.sun.ac.za>,
pierre@PROBLEM_WITH_INEWS_DOMAIN_FILE (Pierre Joubert) wrote (�crivait)�:

> I am looking for a ftp site for tpk-182.zip file or somebody who could e-mail
> it to me.
>
> Thank's
> Brian (zs2ss)

yes please me to...
I Search ftp sites or order to dowload Amateur software for the PC and Mac

Thanks Patrick
best 73's
F1JBS
eureka@world-net.sct.fr

312. HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 22:48:55 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3ekhcn$dfm@geraldo.cc.utexas.edu>
Source record: 253808

Tim@mikebray.demon.co.uk (Tim Bray) suggests:

>> I think perhaps we should get away from calling ourselves "amateur"
>>as well. It implies we're some kind of inexperienced beginners.

>I agree.

>What about using the term 'licenced radio operater'.

Since the poster is not alone in being unable to spell "operator",
and the spelling of "amateur" is beyond many others (amatuer,
amature and other perversions abound), I have finally realized that
the origin of "ham", whether in capitals or not, is that it is the
longest word that most radio amateurs can spell correctly.

Those who have not progressed to joined-up writing print everything
in capitals, thus HAM, while those with post-kindergarten training
often manage to write "ham" in cursive script. Anything longer
is just too taxing.

Derek "l-i-d" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

313. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 22:49:24 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3ekhdk$oit@oak.oakland.edu>
Source record: 253809

Andrew C Robertson (drewbob@mit.edu) wrote:

: When I first got into ham radio in the 70's, you had to be an Advanced
: licensee to qualify for a 1x3 call. Even the Generals had to stick to
: their 2x3s.

HUH??? I am a student of callsigns and I can NEVER remember 1x3's being
"given" out to ANY class of license (of course excepting the original
W's and K's).

I believe that you are confusing that prior to 1977, you had to be a
ham 25 YEARS to qualify for a 1x2 call as
a distinction. Then, they allowed ANY ham with an extra to get a
distinctive 1x2 call.

I do completely agree that it was foolish for the FCC to allow
tech-lites to get Nx3 calls. They should have been reserved for General
and above. Of course, I thought it was stupid for the FCC to create
incentive licenses in the first place.

73 =paul= wb8zjl ex: WN8ZJL

314. IPS Daily Report - 06 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 23:10:07 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan6.231007.19031@ips.oz.au>
Source record: 253810
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 06/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 06 JANUARY AND FORECAST FOR 07 JANUARY - 09 JANUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 05 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.0E+04
Daily Electron Fluence >2 MeV: 1.4E+08 (moderate)
X-ray background: A3.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
07 Jan 08 Jan 09 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 07 Jan: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: mostly quiet to unsettled, with an
active period 12-15UT.

Estimated Indices : A K Observed A Index 05 Jan
Learmonth 14 3233 4233
Fredericksburg 15 19
Planetary 15 18

Observed Kp for 05 Jan: 3334 4333
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
07 Jan 18 Unsettled to active
08 Jan 15 Unsettled
09 Jan 13 Unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
06 Jan normal normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
07 Jan normal fair poor
08 Jan normal normal fair
09 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
06 Jan 10 about 10% below predicted monthly values during local
day, near predicted during local night.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
07 Jan 5 About 10% below predicted monthly values
08 Jan 10 Near predicted monthly values
09 Jan 15 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

315. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 23:28:22 UTC
From: mario@ccsnet.com
Message-ID: <011754XTPTWCPIFRAYEX@ccsnet.com>
Source record: 253811

```
**,

*A>
*A>
*A>In article <3ef6ct$3en@bashful.isi.com>
*A> jerry@isi.com "Jerry Gardner x323" writes:
*A>
*A>> I think perhaps we should get away from calling ourselves "amateur" as
*A>> well. It implies we're some kind of inexperienced beginners.
*A>
*A>I agree.
*A>
*A>What about using the term 'licenced radio operater'.
*A> ^^^^^^^^
*A>
*A>
*A>--
*A>Tim Bray
*A>
Christ Tim, that would be too logical! What's the matter with you?
And most hams can't spell 'licensed' (Just like you)!

Mario Mere - N1SGN - mario@ccsnet.com
---
* UniQWK v3.3a* The Solution for Multilingual Messages

--
*********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

316. 2Meter HT for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 23:30:40 UTC
From: blackwells@yvax.byu.edu
Message-ID: <1995Jan6.163040@yvax.byu.edu>
Source record: 253812

```
I have a brand new 2M HT Realistic 202 for sale
Has Manuals, belt clip, speaker mic
New!
Asking $200

Email
blackwells@yvax.byu.edu
```

317. Re: Kenwood 732 Intermod

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-06 23:57:37 UTC
From: dave@fc.hp.com
Message-ID: <3ekldh$g9r@tadpole.fc.hp.com>
Source record: 253814

John Schmidt (jws@fc.hp.com) wrote:

: Are there any known problems/fixes for what appears to be intermod
: problems on the 440 band for the Kenwood 732?

Gee, John, you should have asked me before you bought one. I could have discouraged you, or else sold you one :-). My wife and I have two of them, one in each car. Both have been back to Kenwood, and neither was improved as far as I could tell. I usually run mine in VHF/VHF mode, and it's bad on the second unit even in VHF mode. There are parts of town, and areas on my commute from a rural area to town where the radio is unusable.

I'm sufficiently disgruntled that while shopping for a consumer electronics device a while back, I wouldn't even look at any of the Kenwood products.

If anybody knows of any real fixes, I'd be happy to hear about them, too.
--

Dave Hodge KF0XD Hewlett Packard
dave@hpfcdjh.fc.hp.com Graphics Hardware Lab
(303) 229-2141 (voice) Workstation Systems Division
(303) 229-4515 (FAX) Ft. Collins, CO

318. Re: Ham Licence Plates ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 00:11:51 UTC
From: RedFive@ix.netcom.com
Message-ID: <3ekm87$ge@ixnews2.ix.netcom.com>
Source record: 253815

In <3ek38r$i9t@fido.asd.sgi.com> Aditya Angrish <aditya@corp.sgi.com>
writes:

>
>This may have been discissed here before, but does anybody have
>any information regarding the cost of callsign licence plates
>for California.
>(DMV keeps putting me on looooonnngggggg holds)
>
The cost for such plates are running $21.00 right now. I have a feeling
that there is also a monthy or yearly charge too. I don't know what
that is, however.

--
_/_/_/ _/_/_/_/ _/_/_/ _/_/_/_/ _/_/_/_/_/ _/ _/ _/_/_/_/
_/ _/ _/ _/ _/ _/ _/ _/ _/
_/_/_/ _/_/_/ _/ _/ _/_/_/ _/ _/ _/ _/_/_/
_/ _/ _/ _/ _/ _/ _/ _/ _/
_/ _/ _/_/_/_/ _/_/_/ _/ _/_/_/_/_/ _/_/ _/_/_/_/
Standing By....
RedFive@ix.netcom.com KE6OYT Eric Kloss

319. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 00:37:54 UTC
From: kevans@panix.com
Message-ID: <3eknp2$2lr@panix2.panix.com>
Source record: 253736
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

Long before the word "ham" came to have the connotation of one who is a show off or strutter, it meant an amateur performer of any sort, especially one who was inexperienced or bungling.

The most likely explanation is that early amateur radio operators were called "ams". Because of association of meaning with the slang word "ham" or the appearance of an intrusive "h" (or both), the pronunciation changed from "am" to "ham".

This is the explanation that was commonly given 40 years ago when I first started reading about shortwave radio and hams. I suspect that the great William of Occam (+1349) would have come to the same conclusion using his method of "Occam's Razor" to examine the question: Entia non sunt multiplicanda praeter necessitatem. (Free translation: keep it simple and go no further than necessary.)

K.-Benoit Evans, C.Tr. (OTIAQ)
Quebec (Quebec)

320. Who in Bahrain ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 00:50:46 UTC
From: mkhalil@nmsu.edu
Message-ID: <3ekoh6$9pm@dns1.NMSU.Edu>
Source record: 253817

Hi all i was wondring if any one out there know who is an operator in a country called Bahrain , its in the persian gulf . Your help is realy appreciated.

321. Re: HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 01:10:37 UTC
From: hbs@crl.com
Message-ID: <3ekpmd$qqe@crl5.crl.com>
Source record: 253818

Derek Wills (oo7@astro.as.utexas.edu) wrote:
: Tim@mikebray.demon.co.uk (Tim Bray) suggests:

: >> I think perhaps we should get away from calling ourselves "amateur"
: >>as well. It implies we're some kind of inexperienced beginners.

: >I agree.

: >What about using the term 'licenced radio operater'.

: Since the poster is not alone in being unable to spell "operator",
: and the spelling of "amateur" is beyond many others (amatuer,
: amature and other perversions abound), I have finally realized that
: the origin of "ham", whether in capitals or not, is that it is the
: longest word that most radio amateurs can spell correctly.

: Those who have not progressed to joined-up writing print everything
: in capitals, thus HAM, while those with post-kindergarten training
: often manage to write "ham" in cursive script. Anything longer
: is just too taxing.

: Derek "l-i-d" Wills (AA5BT, G3NMX)
: Department of Astronomy, University of Texas,
: Austin TX 78712. (512-471-1392)
: oo7@astro.as.utexas.edu

You're having a lot of fun with this aren't you Derek :-)

ROTFL,

Smitty, NA5K
--
Henry Smith (hbs@crl.com)

322. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 01:13:37 UTC
From: mario@ccsnet.com
Message-ID: <05432JRAFMJKUSIQWHR@ccsnet.com>
Source record: 253819

```
**,

*A>
*A>
*A>In article <3ef6ct$3en@bashful.isi.com>
*A> jerry@isi.com "Jerry Gardner x323" writes:
*A>
*A>> I think perhaps we should get away from calling ourselves "amateur" as
*A>> well. It implies we're some kind of inexperienced beginners.
*A>
*A>I agree.
*A>
*A>What about using the term 'licenced radio operater'.
*A> ^^^^^^^^
*A>
*A>
*A>--
*A>Tim Bray
*A>
Christ Tim, that would be too logical! What's the matter with you?
And most hams can't spell 'licensed' (Just like you)!

Mario Mere - N1SGN - mario@ccsnet.com
---
* UniQWK v3.3a* The Solution for Multilingual Messages

--
*********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

323. Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 01:50:55 UTC
From: wa1lbp@transend.com.tw
Message-ID: <3eks1v$1ud@transend.com.tw>
Source record: 253820

I came across this explanation of the word ham several years ago on packet. Seems plausible. I admit I never did the homework to check it out. This story could probably be checked out using some old NY Times index and microfilm of the NY Times from around 1912... or by a check of the Congressional Record for the same period.

Here it is:
WHY RADIO AMATEURS ARE CALLED " HAMS "
From Florida Skip Magazine - 1959 Have you ever wondered why radio amateurs are called "HAMS " ? Well,it goes like this: The word " HAM " as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were ALBERT S. HYMAN,BOB ALMY and POOGIE MURRAY. At first they called their station " HYMAN-ALMY-MURRAY ". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to " HY-AL-MU ", using the first two letters of each of their names. Early in 1909 some confusion resulted between signals from amateur wireless station " HYALMU " and a Mexican ship named " HYALMO ". They then decided to use only the first letter of each name and the station CALL became " HAM ". In the early pioneer days of unregulated radio amateur operators picked their own frequency and call-letters.Then,as now,some amateurs had better signals than commercial stations. The resulting interference came to the attention of congressional committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity. In 1911, ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH , a member of one of the committees hearing the BILL. The Senator was so impressed with the Thesis that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations. Congressional debate began on the WIRELESS REGULATION BILL and little station " HAM " became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the " ...poor little station HAM That's how it all started. You will find the whole story in the Congressional Record. Nation-wide publicity associated station " HAM " with amateur radio operators.From that day to this,and probably til the end of time in radio; An amateur is a " HAM ".

(Transcribed and edited for Packet Radio by N4KWB@W4NVU PBBS 6/18/88)

David Cowhig BV/WA1LBP Taipei Taiwan

324. Re: Help Radio`

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 02:05:16 UTC
From: leblancm@gel.ulaval.ca
Message-ID: <3eksss$1b7@goudron.gel.ulaval.ca>
Source record: 253821

Hi Tony,

It would help a lot if you could be more specific. For instance:

What kind of training have you got?

What bands and modes are you thinking about?

Are you aware of the fact that the difficulties associated
with receivers and transmitters are (to say the least) different?

If you can tell me what you have in mind, I will do my best to help
you.

You can reply thru the group, or directly. 73 de VE2GTP.

Mario Le Blanc, RF engineer

In article 1qy@scisun.sci.ccny.cuny.edu, tony@sci.ccny.cuny.edu (Tony Teague) writes:
>
> hi,
> I want to start to learn how to build my own transmitter and receiver but
> I don't know where to start .. Can anyone tell be where to start ...
> Any help is wanted ...
>
>
> tony

325. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 02:43:51 UTC
From: jmaxwell@netcom.com
Message-ID: <jmaxwellD20Kx3.D0o@netcom.com>
Source record: 253822

David Cowhig (wa1lbp@transend.com.tw) wrote:
: I came across this explanation of the word ham several years ago on
: packet. Seems plausible. I admit I never did the homework to check it
: out. This story could probably be checked out using some old NY Times
: index and microfilm of the NY Times from around 1912... or by a check of the
: Congressional Record for the same period.

Then follows the Hyman/Almy/Murray story with the Harvard Radio Club
connection.

This story is false, but it doesn't want to die. Several years ago John
Huntton, W1RW, one-time General Manager of the ARRL in Newington, actually
got copies of the Congressional Record for the period. John read through
stacks of paper, page by page, and was unable to find any record of the
testimony. John also contacted the Harvard Radio Club, and they were
unable to verify the story. John's letter describing his search appeared
several years ago in the QCWA Journal. I haven't been able to locate
that specific issue, but I did call john on the phone a few months
ago to verifiy my recollection of the QCWA letter describing his
search and his findings. My recollection was correct. According to
John, the story has no basis in fact.

Last July, while at ARRL HQ, I asked if the Congressional Records that
John had gone through were still there, in storage. They're not, so there's
no easy way to verify John's old work, Perhaps someone out there with
access to a good library with Congressional Record microfilms would like
to run through it all again.

73. Jim, W6CF.

--

____
james a maxwell jmaxwell@netcom.com

326. Re: HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 03:42:15 UTC
From: tkc@ins.infonet.net
Message-ID: <3el2in$kg5@insosf1.infonet.net>
Source record: 253823

So... What is it going to take to make this " " POLITICALLY CORRECT "???

In article <3ekpmd$qqe@crl5.crl.com>, hbs@crl.com (Henry B. Smith) writes:
>Derek Wills (oo7@astro.as.utexas.edu) wrote:
>: Tim@mikebray.demon.co.uk (Tim Bray) suggests:
>
>: >> I think perhaps we should get away from calling ourselves "amateur"
>: >>as well. It implies we're some kind of inexperienced beginners.
>
>: >I agree.
>
>: >What about using the term 'licenced radio operater'.
>
>: Since the poster is not alone in being unable to spell "operator",
>: and the spelling of "amateur" is beyond many others (amatuer,
>: amature and other perversions abound), I have finally realized that
>: the origin of "ham", whether in capitals or not, is that it is the
>: longest word that most radio amateurs can spell correctly.
>
>: Those who have not progressed to joined-up writing print everything
>: in capitals, thus HAM, while those with post-kindergarten training
>: often manage to write "ham" in cursive script. Anything longer
>: is just too taxing.
>
>
>: Derek "l-i-d" Wills (AA5BT, G3NMX)
>: Department of Astronomy, University of Texas,
>: Austin TX 78712. (512-471-1392)
>: oo7@astro.as.utexas.edu
>
>You're having a lot of fun with this aren't you Derek :-)
>
>ROTFL,
>
>Smitty, NA5K
>--
>Henry Smith (hbs@crl.com)
>

327. Scannet News

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 03:45:45 UTC
From: YPSE19A@prodigy.com
Message-ID: <3el2p9$7ke@usenetw1.news.prodigy.com>
Source record: 253824

Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area, Worst Fires, Accidents, your favorate frequency , I will reconize your writtings in a Newsletter called SCANNET NEWS. I will also post the Newsletter on a BBS, that has a gateway all over the USA. Anyone sending me stories can have a copy of the Newsletter and will have the BBS access attached .
There are many SCANNET NEWS articles to read.

Anyone interested please e-mail me your ID and must have your stories attached.
Send Hard copy Articles to the address below.
For a hard copy of the next issue and Subscribtion information please send SASE to the address below.
For prices on Advertising----(Amatuer Radio ,Short Wave Radio, Scanning Related only) write to the address below.

Scannet News
C/O
Nicholas Messina
80 Livingston Ave
White Plains, NY 10605
-
-
NICK in NY YPSE19A@prodigy.com

328. Re: Honest Info on 6 mtrs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 03:52:00 UTC
From: chris.boone@woodybbs.com
Message-ID: <93.20678.7585.0NFB8AD5@woodybbs.com>
Source record: 253825

*** Quoting Zlau@Arrl.Org to All dated 01-04-95 ***
> Message-ID: <1995Jan4.131400.24754@arrl.org>
> Newsgroup: rec.radio.amateur.misc
> Organization: American Radio Relay League
>
> WA4DUT/6 Steve Pazar (pazar@sr.hp.com) wrote:
>
> : Oh yeah...transmitting on the 6 meter band WILL cause TVI, especially
> : if you have channel 2 in your area. Television channel 2 is adjacent
> : to '6', and TV front ends are notoriously broad. :-(Something to
> : consider.
>
> If Channel 2 is ridiculously loud, it is entirely possible you won't
> have a problem. I know hams in Honolulu have been able to operate
> 6 meters with Channel 2 in the area (short LOS path to most viewers).
>
I agree....I live 40 miles north of downtown Houston....and TV 2 is the NBC affiliate here...I operate 6 FM with little problems....in fact ran a test at my previous house on 6 with 30watts and swept the band from 50-54 with a TV watching TV 2 in the same room on cable that ran RIGHT below the 6mtr antenna. No problems except at ONE freq....I think it was 50.17 and Im not sure WHY! Other than that I NEVER bothered any neighbors or my own TVs on Channel 2.. Thanks to Cable TV and better tuners (not much though!), TVI on 2 can be a thing of the past for those who operate 6...

73
Chris
WB5ITT
ARRL - TS
South Texas

--- T.A.G. 2.7b Standard
* Origin: WBBS Conroe/Houston 409-447-4267 (1:106/4267)

329. This Week in Amateur Radio...Ham News For Your Repeater..Edition #93

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 04:36:17 UTC
From: kxkvi@delphi.com
Message-ID: <xU5Zw5p.kxkvi@delphi.com>
Source record: 253826
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Here is a summary of news items covered on Edition #93 of "This Week in Amateur Radio", North America's satellite-delivered audio bulletin service, for the week ending 13-Jan:

1. IARU Names Its First Satellite Frequency Coordinator
2. Canadian Amateurs Await a New Federal Policy on Antenna Structures
3. New Amateur "SUNSAT" Satellite Being Designed and Built in South Africa
4. AMSAT-UK Officer Knighted by Her Majesty Queen Elizabeth II
5. South African Radio League President Awarded Honorary Engineering Degree
6. "This Week in Amateur Radio" to Move to a Different Satellite
7. "The RAIN Dial-up" from Chicago
8. Upcoming Special Event Stations with George Bowen, N2LQS
9. Amateurs Worldwide Report on Performance of New Russian RS-15 Satellite
10. "EZSATS" with Bruce Paige, KK5DO
11. Weekly Propagation Forecast
12. Frequency Values Increase as Current FCC Spectrum Auction Continues
13. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
14. "Amateur Radio Newsline" - Edition #908 from Los Angeles

Transmission and uplink costs were funded by the Columbiana City Amateur Radio Club of Ohio.

"This Week in Amateur Radio" is a weekly amateur radio news and information service, in audio newsmagazine format, which is produced by Community Video Associates, Inc., a non-profit, charitable, tax-exempt foundation based in Albany, New York. The program is carried on the "Omega Radio Network" each Saturday at 7:30 PM (EDT) on the Galaxy III commercial communications satellite, transponder 17 (9H), 5.8 MHz wideband audio (4.040 GHz), located at 93.5 degrees west longitude in geosynchronous orbit, and can be heard on various VHF/UHF repeaters throughout the United States and Canada, as well as on 160 meters at 1860 kHz. Contact your local amateur radio club or repeater operator if "This Week in Amateur Radio" is not being heard in your area.

Production and transmission expenses are underwritten by contributions from repeater system operators, amateur radio clubs, and individuals. For further information, contact George Bowen, N2LQS, at 518/283-3665. You may also reach N2LQS or WA3RKB via amateur packet @ WA2UMX.#ENY.NY.USA.NA and on various landline bulletin board services, including the Internet contact KXKVI @delphi.com.

330. Re: HELP ! ! ! I NEED A FT-227 MMB

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 06:39:14 UTC
From: gerner@login.dknet.dk
Message-ID: <3elcui$fqa@news.dknet.dk>
Source record: 253742

D>
D> I would like to buy a Yaesu FT-127/FT-227 mobile mount,
D> with or without a radio attached.
D>
D> Doesn't anyone have one they would like to sell ? ? ? ? ? ? ? ? ?
D>
D>
D> Please reply via e-mail or call
D>

Is FT-227 the 'Memorizer' ? Then perhaps, but only the mount.

****
* Gerner Mortensen *
****
gerner@login.dknet.dk

* Offline Orbit 0.70b *

331. Re: Kenwood 732 Intermod

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 07:57:28 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan7.075728.23645@ke4zv.atl.ga.us>
Source record: 253749

In article <3ek5mp$ba5@tadpole.fc.hp.com> jws@fc.hp.com (John Schmidt) writes:
>
>Are there any known problems/fixes for what appears to be intermod
>problems on the 440 band for the Kenwood 732? My older 701 doesn't
>generate nearly the noise as the newer, higher-tech 732. The 732
>appears to be picking up local UHF pagers, and possibly cellphone
>signaling.

Welcome to the wonderful world of wideband scanners. :-(

Tucker Electronics sells a helical filter set that's RF switched,
like an external amplifier in reverse, which may solve your problem.
It restricts the RF entering the receiver to the ham band. Pity
Kenwood didn't design the radio that way.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

332. Re: Help Radio`

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 08:21:07 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan7.082107.23810@ke4zv.atl.ga.us>
Source record: 253750

In article <D1zxJI.1qy@scisun.sci.ccny.cuny.edu> tony@sci.ccny.cuny.edu (Tony Teague) writes:
>
>hi,
> I want to start to learn how to build my own transmitter and receiver but
>I don't know where to start .. Can anyone tell be where to start ...
>Any help is wanted ...

Tony, depending on your present skill level and ambitions, you may want to start with a kit. There are several small kitmakers out there, consult the advertising sections of any of the ham magazines. Hamtronics, Ramsey, and others offer FM VHF/UHF kits of varying quality, and outfits like Oak Hills Research offer HF CW kits.

Heathkit is gone, so don't expect a lot of handholding with current kit manufacturers. Ten-Tec is also beginning to produce a line of kits, and they may be the best, but delivery is currently slow.

If you really want to scratch build, there are projects in the ARRL Handbook and the various amateur magazines. Or you can design your own equipment using the information in books like _Solid State Design for the Radio Amateur_ by Heywood, or Chris Boswick's _RF Design_. The Handbook can also be helpful here. Every builder should accumulate a good technical library. That's basic.

Or finally, you can use the information in application notes from some of the device manufacturers. Motorola offers a line of communications ICs and transistors that are suited to RF projects and their application notes are quite useful. Single chip transmitters and receivers are practical for low power work. I'd recomend the MC2833 FM transmitter IC and the MC13135 FM receiver subsystem IC as the basis for a simple VHF FM transceiver. You can follow that with one of the RF hybrid amplifier ICs for a respectable signal.

Note: access to some test equipment is very useful. Besides the standard multimeter, access to an oscilloscope, a known good communications receiver, a signal generator, and a spectrum analyzer are helpful. You don't have to own all of that yourself if you can find a friend who has them. If you continue to build, however, you'll want to get test equipment of your own. Older surplus equipment will do fine, and won't run the multi-kilobucks that new test equipment can cost. You can also build some of your own test equipment.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

333. Re: Ham Licence Plates ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 08:49:31 UTC
From: alf@kaiwan.com
Message-ID: <e8G3lClg1GLJ068yn@kaiwan.com>
Source record: 253747

In article <3ekm87$ge@ixnews2.ix.netcom.com>, RedFive@ix.netcom.com (Eric) wrote:
> In <3ek38r$i9t@fido.asd.sgi.com> Aditya Angrish <aditya@corp.sgi.com>
> writes:
>
> >
> >This may have been discissed here before, but does anybody have
> >any information regarding the cost of callsign licence plates
> >for California.
> >(DMV keeps putting me on looooonnngggggg holds)
> >
> The cost for such plates are running $21.00 right now. I have a feeling
^^^^^^
correct
> that there is also a monthy or yearly charge too. I don't know what
^^^^^^^^^^^^^^^^^^^^^^^
none
> that is, however.
>

73,

Alfred Lee Fountain Valley, CA, U.S.A. alf@kaiwan.com
KE6KGV 'The answer is (e^i + 1) ? "No" : "Yes"'

334. What were the RS-15 freqs and modes?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 09:10:22 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <3ellpu$7q6@agate.berkeley.edu>
Source record: 253748

The subject-line says the whole question.

73 DE N1QNK (tba K?1??)
Jim
PS - if a tagline follows, it was not added by me.

They supplied us with a Mini-30. I also found some steel-core ammo.
It's killer. I heard about a mechanic with all the tools we need to
make it fully automatic.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.
This message contains automatically generated keyword blocks
that have been designed to resemble a threat. These blocks
are not a statement of intent by the remailer operator or anyone else.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@```$M^&2?(E<U9BPG1]W7LG=&KH_S%AK^58CLBYM:'ZNY-0YB_K@@WP2%H
C^+<S3V3GT/H_8$'C@#(E.A=V0@+?97;A5VP,6*5M5W](XSH`
====Encrypted-Sender-End====

335. Re: HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 11:31:54 UTC
From: radams@cs.wmich.edu
Message-ID: <1995Jan7.113154.12205@sol.cs.wmich.edu>
Source record: 253728

In article <3ekpmd$qqe@crl5.crl.com>, Henry B. Smith <hbs@crl.com> wrote:
>Derek Wills (oo7@astro.as.utexas.edu) wrote:
>: Tim@mikebray.demon.co.uk (Tim Bray) suggests:
>
>: >> I think perhaps we should get away from calling ourselves "amateur"
>: >>as well. It implies we're some kind of inexperienced beginners.
>
>: >I agree.
>
>: >What about using the term 'licenced radio operater'.
>
>: Since the poster is not alone in being unable to spell "operator",
>: and the spelling of "amateur" is beyond many others (amatuer,
>: amature and other perversions abound), I have finally realized that
>: the origin of "ham", whether in capitals or not, is that it is the
>: longest word that most radio amateurs can spell correctly.
>
>: Those who have not progressed to joined-up writing print everything
>: in capitals, thus HAM, while those with post-kindergarten training
>: often manage to write "ham" in cursive script. Anything longer
>: is just too taxing.
>
>You're having a lot of fun with this aren't you Derek :-)

What annoys me is that he said near precisely what I thought of posting,
and then decided not to. ;-(

>ROTFL,

Here too.

* "Bother," said Pooh as he seduced Christopher Robin's mother.

336. Re: FT-11R mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:05:42 UTC
From: andy@clark.net
Message-ID: <3em02m$444@clarknet.clark.net>
Source record: 253729

Steven Phillips (sphillip@nyx10.cs.du.edu) wrote:
: Was wondering if anybody knew if it was safe to do the 440MHz mod for the
: FT-11R? Was also wondering what other mods were around for it? I've got
: the extended transmit mod, and the cloning command. Want everything else for itif there is any. Thanx...

A 440 mod for a 2-meter monobander? Now THAT'S a neat trick. I'd sure like to have my FT-11R receive 440!

k4adl

337. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:20:34 UTC
From: Ken@hpsl.demon.co.uk
Message-ID: <789481234snz@hpsl.demon.co.uk>
Source record: 253756
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

In article <3ef98o$ble@darkstar.UCSC.EDU>
haynes@cats.ucsc.edu "James H. Haynes" writes:

>It has been reliably established by a Real Historian that in 19th
>century wire telegraph practice, poorly-skilled operators were called
>"hams" or "plugs", and the for-profit schools where they learned
>telegraphy were called "ham factories" or "plug factories". He didn't
>say whether "ham" was derived from "ham-fisted" or from some other
>source; but certainly the term was in common use before there was radio.
>
>Now any of these theories about how amateur radio came to be called
>"ham" are up for grabs; but it seems highly plausible that early professional
>radiotelegraph operators came from the ranks of wire telegraphers and
>would refer to amateur operators as "hams".

Chambers links "ham" meaning radio amateur with " ham" meaning an actor
who rants and overacts, and suggests a derivation from "hamfatter, a
third-rate minstrel", from the days when white minstrels put ham fat on
before blacking up with burnt cork. Would the dates have been such
that this could have applied to telegraph operators?

--
Ken Moore (Ken@hpsl.demon.co.uk)

338. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:23:45 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3em14h$hp5@oak.oakland.edu>
Source record: 253731

John E. Taylor III (roh033.mah48d@rohmhaas.com) wrote:

: YES. Just fill out a new 610 and check the "New Callsign" box. She
: doesn't have to wait for an upgrade. AA3FU turned hers in for a new one
: the day it arrived!

I don't blame her! Those "AA" callsigns suck.

I like the suffix though! Sure would be fun on the repeaters... "this
is blah blah eight eeeeeeeef youuuuu."

One of the locals here traded in a call that scored 8 on the ZjL rating
system for AA8MF. And I don't have to tell you what we think of THAT
call. :-)

73 =paul= wb8ZjL

339. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:25:53 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3em18h$hp5@oak.oakland.edu>
Source record: 253732

Ed Hare (KA1CV) (ehare@arrl.org) wrote:
: Peter Reed (mpfb8@central.susx.ac.uk) wrote:

: : Worked UA3LID back last summer during our FD.

: Gosh, on April 1, 1992 I worked UR1LID, who was about 60 dB over S9.
: Funny, he copied my 10 milliwatt CW signal 599+, too. Band musta' been open
: that day. :-)

Hmmm... you ever work, "Charlie Three Papa Oscar" on field day?

73 =paul= wb8zjl

340. Re: Kenwood 732 Intermod

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:31:02 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3em1i6$hp5@oak.oakland.edu>
Source record: 253733

: >Are there any known problems/fixes for what appears to be intermod
: >problems on the 440 band for the Kenwood 732? My older 701 doesn't

[snip]

I mailed mine back to Kenwood within the warranty period. They de-tuned the UHF front end (or so I was told) and that cured it (more or less... in any event, it was vastly improved to the point where I could drive around with UHF on and NOT hear, "Paging Dr. Fine, Dr. Howard, Dr. Fine")

It does not seem to have reduced in-band UHF rcv, either.

73 =paul= wb8zjl

341. Re: Schematic drawing program wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:42:33 UTC
From: jeff@ee.ryerson.ca
Message-ID: <3em27p$qs6@hermes.acs.ryerson.ca>
Source record: 253734
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

Steve Bertsch (sbertsch@magnus.acs.ohio-state.edu) wrote:
: I'm looking for a public domain/shareware schematic drawing (CAD) program,
: preferably for X11, but DOS or <groan> WinDoze will do.

For X11, you are out of luck. Have a look at the comp.lsi.cad group faq,
there are a few pointers there for X11, but all the ones I've looked at
(wirec, SpiceCAD, Nelsis, ChipmunkCAD) are not to hot (read useful).
Check out protel for DOG/WinSnooze, even the demo is good. It's on a
SimTel site.
Jeff VE3DJF

: All leads appreciated,
: Steve N8KWV

342. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 12:44:59 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3em2cb$hp5@oak.oakland.edu>
Source record: 253735

Why does this story keep popping up time after time?

Ok campers, this is the straight scoop from ZjL so listen in...

Q: Why are ham radio operators called "HAMS?"

A: Go to any Dayton Hamvention (largest gathering of "ham" operators on the planet at any one given time). It will be raining (guaranteed). Walk into the main arena, where Kenwood, Icom, and some other big players are set up. Wait until the Hamvention folks decide to pull some door prize numbers... ideally, this should coincide with a Kenwood *AND* ICOM "free pencil (or similiar gimmick)" giveaway. That chain of events will place about 30,000 "hams" in the arena simultaneously.

Now, take a nice, long deep breath. After you finish gagging, what are you reminded of? PIG FARM! What's another name for pig? Ham.

Any questions?

73 =paul= wb8zjl

343. Re: HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 13:30:01 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <789485401.144snx@n2ayj.overleaf.com>
Source record: 253737

After reading the megabytes of responses, commentary, and diverging threads,
all I can say is, I'm sorry I brought it up!

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
Licensed raydeeo amchoor.

344. 6M DXING

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 14:14:47 UTC
From: collins@access.ods.gulfnet.kw
Message-ID: <m0rQbup-0002oJC@access.ods.gulfnet.kw>
Source record: 253738

I am very interested in 6m dxing in the last month i bought icom-736 and 3 element yagi i been listening to 6m band but nothing there no activety the band very quite.

NAME:FAISAL
CALLSING:9K2HA
E-MAIL:collins@access.ods.gulfnet.kw

345. Beacon/pirate or neither?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 15:05:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20675.7585.0NFB8AD2@woodybbs.com>
Source record: 253739

Greetings from snowy mid-Missouri:

Last night (01-06-95, ZULU TIME!) I had a young (yeah!) Tech Plus over in my shack, helping him work on his CW proficiency... working toward General and getting ready for the Novice Roundup at the end of the month.

Around 0300Z, as Tim tuned through 80M he found a relatively decent signal (copiable by a beginner) on 3712.1 kHz. The station was sending (repetitively) "CQ CQ CQ DE SXA 33 SXA 33 SXA 33 K" (it may have been sending "VVV's" instead of "CQ", I forget, but I _do_ know the call was SXA 33).

I'm just curious to know if anyone knows anything about this station. I'm not worried if he's a pirate or not... he'd be just one of many, but I'ld like to know where the signal originates and what it might be. Thought it might be a foreign 'shore' station in the marine service, but it wasn't sending the normal "QSX (frequency)", so I'm not sure what it's intended use it.

And ideas or hard info would be most appreciated.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

346. Re: HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 15:12:57 UTC
From: bshirle@metronet.com
Message-ID: <bshirle.8.004C7088@metronet.com>
Source record: 253746

>You're having a lot of fun with this aren't you Derek :-)

>What annoys me is that he said near precisely what I thought of posting,
>and then decided not to. ;-(

>ROTFL,

Derek ... Harry .... Robert

This entire thread has been the most chuckles I've had for at least a week
!

37 an tanks frum HeM rado ametur oporater kf5dx .. bib surley

347. Re: AEA position opening

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 16:07:26 UTC
From: gfiber@halcyon.com
Message-ID: <3eme7u$jqe@news.halcyon.com>
Source record: 253740

In article <2f0d7076@snoval.fidonet.org>, cbpatten@snoval.fidonet.org (Chuck Patten) says:
>
> -=> Quoting AEA Technical Support to All <=-
>
> ATS> From: 76702.1013@compuserve.COM (AEA Technical Support)
>
> ATS> OPPORTUNITY AT AEA
> ATS>
> ATS> CUSTOMER SERVICE TECHNICIAN
> ATS> HAM RADIO
> ATS> Advanced Electronic Applications located in Lynnwood, Wa. has an
> ATS> immediate opening for an experienced Ham Radio operator in our
> ATS> Customer Service department. Job requires heavy customer phone
> ATS> contact resolving technical problems. Applicant must have excellent
> ATS> verbal and written communications skills. Qualifications include:
> ATS> Licensed Amateur Radio operator with packet radio, DOS and Windows
> ATS> experience.
> ATS> Please send resume or apply in person to:
> ATS>
> ATS> AEA PERSONNEL
> ATS> 1750 112th AVE. N.E. SUITE D159
> ATS> BELLEVUE, WA. 98004
> ATS>
> ATS> OR Via Internet: 76702.1013@compuserve.com
>
> As a non-ham, Technical Service and Support Professional, I am
> interested in your requirement that the applicant for this job
> must be a "Licensed Amateur Radio operator". With over 25 years
> of active electronics experimenting and repairing experience,
> your requirement seems a little spacious. Unless, of course, the
> sucessful candidate will have to operate a station to handle calls
> on the air, thus violating the requirement that Amateur Radio not
> be used commercially... As one of your first customers to place
> an order for your UHF SWR meter (about two months before you
> actually released it-remember Global Wulfsberg Systems-Sundstrand?)
> I have enjoyed using your equipment and usually have my 2 meter HT
> on, listening to the Boeing (K7NWS) repeater. I also fix the
> occasional broken "rig" that friends drag over from time to time.
> Is there some reason that you wouldn't like me to send in my resume?
>
>chuck...
>
>... You mean 15" sparks are SUPPOSED to come out of this thing?!?
>

Chuck,

Send them your resume" being an Amateur and having hands on experience with amateur equipment is a plus for you. This way you would understand all the questions and also have a way of personely testing out the various products legally on the air.

Also AEA does not watch the internet, but can receive mail at the address listed above so you remark will never be seen by AEA.

Gary KF7XV

348. Need tech info on Tropez 900 phone

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 17:39:00 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3emjjk$2hv@news.tamu.edu>
Source record: 253741

I have a friend with a Tropez 900DX cordless phone. The audio coming out of the handset is weak even at the highest adjustable setting. The audio for the base when used in speaker-phone mode is fine. He's wondering if there is some adjustment pot in the handset or base to increase the volume. He doesn't want to get inside it until he knows there is something he can adjust. If you know how, or know a better group to pose this question to, I'd appreciate any replies.

--
Myles Barkman KG5AI kg5ai@w5ac.tamu.edu College Station, Texas Ag '92

349. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 17:57:40 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3emkmk$bbh@crcnis3.unl.edu>
Source record: 253743

prvalko (prvalko@saturn.acs.oakland.edu) wrote:
: Why does this story keep popping up time after time?

: Ok campers, this is the straight scoop from ZjL so listen in...

: Q: Why are ham radio operators called "HAMS?"

: A: Go to any Dayton Hamvention (largest gathering of "ham" operators on
: the planet at any one given time). It will be raining (guaranteed).
: Walk into the main arena, where Kenwood, Icom, and some other big
: players are set up. Wait until the Hamvention folks decide to pull some
: door prize numbers... ideally, this should coincide with a Kenwood *AND*
: ICOM "free pencil (or similiar gimmick)" giveaway. That chain of events
: will place about 30,000 "hams" in the arena simultaneously.

: Now, take a nice, long deep breath. After you finish gagging, what are
: you reminded of? PIG FARM! What's another name for pig? Ham.

: Any questions?

: 73 =paul= wb8zjl

I have a question...over here...hey, over here! Being from Nebraska I
can assure you it doesn't even approach a pig farm. Don't you really
mean it's like a pork factory...as in "Smoked Ham"???

Greg WB0RTK

350. Spanish/Espanol

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 18:15:49 UTC
From: miglia@ix.netcom.com
Message-ID: <3emlol$4u2@ixnews3.ix.netcom.com>
Source record: 253744

ENVIE SUS DATOS

Si es usted radioaficionado y puede hablar, entender y escribir un poco
de espanol
lo invitamos a que nos envie un E-Mail a:

miglia@ix.netcom.com

Con los siguientes datos:

Call/Letras de llamada
Name/Nombre
Internet username/Nombre de su cuenta en Internet

De de esta manera lo podremos tener actualizado de los proyectos que
otros colegas hispanos estan realizando como ser Television, Packet,
DX's, Satelite y demas.

George Migliarini
KE6GAZ
Laguna Hills, CA 92653
USA
miglia@ix.netcom.com

73 y Buenos DX's

351. Re: RS-15 experiences yet?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 18:18:27 UTC
From: jim.cable@twisted-.uucp
Message-ID: <382.201.563@twisted-.uucp>
Source record: 253745

on 03 Jan 95 11:30:12, from Sean E. Kutzko about Re: RS-15 experiences yet?

SEK> In a previous article, price@cod.NOsc.MIL (James N. Price) says:

>-------
>I see on the local DX PacketCluster that RS-15 has been launched, the up
>and down links and the Keps have been posted, etc. Anyone made a contact
>yet? With the higher altitude orbit, longer distance QSOs should be
>possible than with RS-10 or RS-12. But it may take a bit more power to hit
>it--or maybe it has a much better Rcvr?

SEK> I was unaware that there was a new RS satellite being launched. Does
SEK> it have a 15m up/10m down split?

FWIW, there _have_ been some contacts made, one noteable
contact being between a ham in Alaska and another in Los
Angeles. It seems, though, that the success rates (signal
strength) vary widely from contact to contact. <shrug>

Also, it's a 2m uplink, 10m dowlink.

uplink 145.858 - 145.898
downlink 29.354 - 29.394
beacon 1 29.352.5
beacon 2 29.398.7

Good luck,

Jim (N0XWA/5)

... Lorena Bobbitt acquitted - who's getting the shaft?
~~~ Blue Wave/RA v2.05 [NR]

Jim Cable
jim.cable@twisted-.uucp
The Twisted Pair! (915)949-0721
West Texas Online Communications
San Angelo, Texas
~~~

352. status of vanity call program

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 19:53:34 UTC
From: bildin@dorsai.org
Message-ID: <D21wLB.M4C@dorsai.org>
Source record: 253757

Does anyone know the present status of the vanity call program; what is pending in order to implement, cost and time frame? Thanks.

353. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 19:58:34 UTC
From: drranu@lamar.ColoState.EDU
Message-ID: <3emrpa$1kqq@yuma.ACNS.ColoState.EDU>
Source record: 253753

prvalko (prvalko@saturn.acs.oakland.edu) wrote:
: Andrew C Robertson (drewbob@mit.edu) wrote:

: : When I first got into ham radio in the 70's, you had to be an Advanced
: : licensee to qualify for a 1x3 call. Even the Generals had to stick to
: : their 2x3s.

: HUH??? I am a student of callsigns and I can NEVER remember 1x3's being
: "given" out to ANY class of license (of course excepting the original
: W's and K's).

: I believe that you are confusing that prior to 1977, you had to be a
: ham 25 YEARS to qualify for a 1x2 call as
: a distinction. Then, they allowed ANY ham with an extra to get a
: distinctive 1x2 call.

: I do completely agree that it was foolish for the FCC to allow
: tech-lites to get Nx3 calls. They should have been reserved for General
: and above. Of course, I thought it was stupid for the FCC to create
^^
: incentive licenses in the first place.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Please do share about this, I want to hear an opposing view.

Thanks!

--
-Emarit drranu@lamar.ColoState.EDU

KG0CQ _.._ __. _____ _._. __._

354. Re: RS-15 personal AOS findings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 20:47:05 UTC
From: joes@uunet.uu.net
Message-ID: <3en2f7$g6q@alterdial.UU.NET>
Source record: 253751
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc

Hi. You can easily hear these birds in advance of AOS because their 10 m downlink is affected by the F layer and will easily bounce thru hit the earth reflect upwards and downwards again....almost a double hop. I have heard this many times. Check the first LOS rather than the AOS. You can get a second LOS the same way. Hope that helps. Joe KO4EI

355. Can you phone FCC for upgrades, too?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 21:14:19 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <3en07b$k44@agate.berkeley.edu>
Source record: 253752

I understand the implication that newly passed candidates can phone the
FCC and get their new callsign and operate with it immediately (re the
Dec 20/94 effective rule change.)

Does this also imply that since I upgraded to Advanced (of _course_ I
checked and initialed the new callsign box :-) that I can phone the
FCC and get my new callsign and operate with it?

BTW, has anybody had much luck with the FCC 800-322-1117 number? The
first time I tried it I got a recording that all staff were in a meeting
and that switched to an automated attendant (press 1 to QRT your call :-)
The next time it was a recording that the offices were closed and again
the automated attendant. The next time the phone was busy for 20 minutes
solid.

73 DE N1QNK (tba K?1??)
Jim

PS - if a tagline follows, it was not added by me.

Did you get that MAK-91. My friends and me picked up a Browning
automatic. I also found a 75-round drum magazine and a pistol-grip
stock. It's killer. There's this machinist who is willing to do some
Class III work.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.
This message contains automatically generated keyword blocks
that have been designed to resemble a threat. These blocks
are not a statement of intent by the remailer operator or anyone else.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@```$I^&2?(E<U9BPG1]W7LG=FKH_Q:G*::)P32H.!(*0<12U(L7J50O^@#
BAKM+Y?[;0L,;F4+MDC^]K5TNKDZE?@8)#N;M>/GT%[P#]0``
====Encrypted-Sender-End====

356. MOD for IC2gxat?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 21:32:00 UTC
From: keithm@utah.jlc.com
Message-ID: <D2215D.Iw9@utah.jlc.com>
Source record: 253754

Does anyone have mod instructions for the IC-2GXAT? I have
checked OAK.OAKLAND.EDU FTP to no avail.

--
Keith McQueen, NACT, Inc | My opinions are |
Packet: n7hmf @ nv7v.UT.USA.NA | all mine... |
Internet: keithm@wicat.com | ...so there! |

357. Debunking the "little station HAM" story

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 22:13:29 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199501072232.OAA24316@ucsd.edu>
Source record: 253770

the claim is made:

>Congressional Record. Nation-wide publicity associated station " HAM "
>with amateur radio operators.From that day to this,and probably til the
>end of time in radio; An amateur is a " HAM ".

by citing:

>WHY RADIO AMATEURS ARE CALLED " HAMS "
>From Florida Skip Magazine - 1959 Have you ever

first question -- was this the April issue?

point - if FL Skip then was like it is today, the editors and publishers would have tended to print it all without much research into credibility. No by line in the current version quoted this time around...

Also consistant with UL's is the "you can look it up" claims w/o telling where except in the most global of terms.

another point: if there was nationwide publicity, you'd think some of it would have survived to this day..a feature in the Handbook..even old ones - since it's not that long ago when all this was to have taken place. you might think that something this monumental would have had some lasting presence in the literaure...(the ARRL shoulda got W1HAM f'instance rather than W1AW...right?)

has there been a Senator DAVID I. WALSH? in 1911?

did the people involved in "little station HAM" (ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY) exist? would seem like there should be a yearbook at Harvard and probably scanning from say 1905 to 1915 would net information about these 3 guys...(poogie?? that's a name?)

was there a 1HAM and W1HAM that could be traced back to this time?

of course, even tho this could all be done and the story sent to the morgue, someone would run across one of the claims and restart the whole thing all over again...

bill wb9ivr

358. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 22:22:48 UTC
From: cmoore@sedona.intel.com
Message-ID: <3en47o$o85@chnews.intel.com>
Source record: 253755

In article <3ekc2g$34b@senator-bedfellow.mit.edu>,
Andrew C Robertson <drewbob@mit.edu> wrote:
>
>Now, it's too late! They're gone (almost)! No more 1x3s, their dubious
>utility as an incentive now cast into an all-consuming fire of Techs!
>I hope you all realize how lucky you are. Any 1x3, even prefixed with "N",
>is a preferred call in my mind.
>73 all de Andrew, aa1hx (formerly wb1afx)

Hi Andrew, I gave up W6RCA to get KG7BK. Did I do something wrong? Pretty
soon you will be able to buy almost any call you want so just be patient.
--
73, Cecil, KG7BK, OOTC (All my own personal fuzzy logic, not Intel's)

359. Lat/Lon Distance Formula

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 23:05:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20676.7585.0NFB8AD3@woodybbs.com>
Source record: 253758

VI>I am looking for the formulas for calculating distance between 2 points
>on Lat/Lon. I am doing some distance calculations using Lat/Lon and
>have not been able to find the formulas. You can send them to me here
>or mail them to ....

You can run, but you can't hide from me, Paul Gilbert!!!

If you don't mind code written in QuickBASIC (actually Mircosoft BASIC
7.1) you are most welcome to pick them out of the FC/RG software which I
know you are aware of. For that matter, you can use it as-is if you
wish (see my msg to you on NRDB).

I'll be happy to provide you with the QuickBASIC source code if you want
it. It's got all the algorithms there for you to do with as you wish.

73 - Tom Hammond N0SS SysOp, ARRL NRDB
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

360. radio.astronomy (getting started)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 23:07:32 UTC
From: kurtn9upz@aol.com
Message-ID: <3en6rk$967@newsbf02.news.aol.com>
Source record: 253759

I would like to get started in radio astronomy. What basic equipment do I need to get started (as cheap as possible) what experiments can I start with. My main interest is being able to dectect meteors for counts during showers and ultimately be able to determine the radiant. Any help and othier resources would be appreciated. Iam currently a no-code tec
I have a 2meter and 10meter(I listen) can any of these radios be used ?

361. IPS Daily Report - 07 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 23:10:12 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan7.231012.349@ips.oz.au>
Source record: 253760
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 07/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 07 JANUARY AND FORECAST FOR 08 JANUARY - 10 JANUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 75/13

GOES satellite data for 06 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.1E+04
Daily Electron Fluence >2 MeV: 2.3E+08 (moderate)
X-ray background: A2.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Jan 09 Jan 10 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Jan: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: mostly quiet to unsettled, with an
active period 10-12UT.

Estimated Indices : A K Observed A Index 06 Jan
Learmonth 12 3224 3322
Fredericksburg 8 15
Planetary 10 15

Observed Kp for 06 Jan: 2334 4333
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
08 Jan 10 Unsettled
09 Jan 15 Unsettled
10 Jan 10 Unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
07 Jan normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Jan normal normal fair
09 Jan normal normal fair
10 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
07 Jan 26 near to 10% above predicted monthly values.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
08 Jan 20 Near predicted monthly values
09 Jan 20 Near predicted monthly values
10 Jan 20 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

362. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 23:20:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20677.7585.0NFB8AD4@woodybbs.com>
Source record: 253761

NH> SOS and LIL I understand (who would want the callsign LID)

Oh, N0LID might not be too bad, if taken in its entirity.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

363. Re: More Amiga and Packets and everything else under the sun.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-07 23:58:13 UTC
From: Ronald Smith <rsmith311@delphi.com>
Message-ID: <R4y4YD1.rsmith311@delphi.com>
Source record: 253762

Paul Whatton <paul.whatton@posnet.co.uk> writes:

>But in case you don't know I thought I'd let you have some info about the
>Amiga Amateur Radio User Group. It's based here in the UK but has members
>across the world. The group is entirely non-profit making. Membership is
>free and the AARUG publishes an occasional newsletter as well as running a
>freePD library.
>
>If you'd like more info then I'd be pleased to let you have details.
>
>73 de Paul G4DCV.

Paul,

Can you send me some of the above mentioned info on AARUG?
Thanks and 73.

Ronnie WB5KLM... RSMIT311@delphi.com

364. Re: FT-11R mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 00:23:26 UTC
From: jjmartin@world.std.com
Message-ID: <D22932.JwI@world.std.com>
Source record: 253763

In article <3em02m$444@clarknet.clark.net>, A.M. Cohn <andy@clark.net> wrote:
>Steven Phillips (sphillip@nyx10.cs.du.edu) wrote:
>: Was wondering if anybody knew if it was safe to do the 440MHz mod for the
>: FT-11R? Was also wondering what other mods were around for it? I've got
>: the extended transmit mod, and the cloning command. Want everything else for itif there is any. Thanx...
>
>A 440 mod for a 2-meter monobander? Now THAT'S a neat trick. I'd sure
>like to have my FT-11R receive 440!
>
>k4adl
>
Hey, what about the mod to put my IC-T21A on 27.185 AM. Anybody got the
mod fer that? Sheeeesh! There goes ham radio.....

-jim-
wk1v

365. Remote Bases...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 00:30:05 UTC
From: rbellville@aol.com
Message-ID: <3enbmd$9v2@newsbf01.news.aol.com>
Source record: 253765

Is there a GOOD commercially available controller around? Also interested in homemade ones, too. Would like to correspond with anyone who has set one up.

Thanks,
Rob Bellville, N1NTE
(rbellville@aol.com)
PO Box 515
Millbury, MA 01527-0515

366. FREE HAM NEWSLETTER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 00:36:12 UTC
From: amsoft@epix.net
Message-ID: <3enc1s$of7@grape.epix.net>
Source record: 253764
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

The Jan 95 "The World of Ham Radio" CD-ROM newsletter is now available.
This CD-ROM offers more ham programs than any of the others out there!
Over 20,000 IBM files for amateur radio are stored on this CD-ROM.
Including FCC CALLSIGN call book with US & Foreign listings current to
12/94, AMCALL the new logbook from AmSoft that will auto log from the CD
for you. Over 1,350 Radio Modifications. The latest HST, NASA & Space
images. Over 700 Megabytes of Amateur Radio Software packed into 1 CD.
This CD-ROM is published every 4 months without delay in JAN, MAY, & SEP.

If you would like to get a FREE newsletter about the January 1995 AmSoft
CD-ROM please leave me your Internet E-mail information at:
amsoft@epix.net

Note:
(Some E-mail was lost last week) If you requested this newsletter & did
not
hear from us then please resubmit your Internet Email information again.

Send E-mail to: amsoft@epix.net ,(Pete deVolpi, KC3TL)
Publisher of "The World of Ham Radio" Callsign CD-ROM
---

367. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 01:26:36 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD22C0C.LDu@netcom.com>
Source record: 253766

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

THERE IS A NEW AMATEUR RADIO BBS IN TOWN ,FROM YOUR ARRL AFFILIATED CLUB
COORDINATOR , JOE CIRA , KB6AXK ....
EVERYTHING AND ANYTHING ABOUT AMATEUR RADIO WILL BE FOUND HERE,
IF NOT ? LET ME KNOW AND WE WILL POST IT AND FILE IT !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE EXAM & CLASS list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
EOF

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

368. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 02:47:18 UTC
From: jeepster@netcom.com
Message-ID: <jeepsterD22Fqu.G0F@netcom.com>
Source record: 253767

In article <3em14h$hp5@oak.oakland.edu>, prvalko@saturn.acs.oakland.edu says...
>
>John E. Taylor III (roh033.mah48d@rohmhaas.com) wrote:
>
>: YES. Just fill out a new 610 and check the "New Callsign" box. She
>: doesn't have to wait for an upgrade. AA3FU turned hers in for a new one
>: the day it arrived!
>
>I don't blame her! Those "AA" callsigns suck.
>
>I like the suffix though! Sure would be fun on the repeaters... "this
>is blah blah eight eeeeeeeef youuuuu."
>
>One of the locals here traded in a call that scored 8 on the ZjL rating
>system for AA8MF. And I don't have to tell you what we think of THAT
>call. :-)
>
>73 =paul= wb8ZjL
>

That's why I never asked for a new call sign... AA0xx... yuck!

John KF0OU
--
+*#*#*#

369. Re: DX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 03:00:53 UTC
From: tigger@prairienet.org
Message-ID: <3enkh5$9mc@vixen.cso.uiuc.edu>
Source record: 253768

In a previous article, TSTABLER@iunhaw1.iun.INdiana.EDU (Tim Stabler) says:
>
>So, is there a good book, or something else, for this information??
>I got the ARRL piece on QSL cards, but that seems to just say send
>the cards in with no comments on IRCs or green stamps.
>
>Any help would be appreciated.

I second the vote for "The Complete DX'er." An excellent book, one that inspired me to seriously pursure DX about 6 years ago. I've never regretted it.

In addition, I've seen ads for a book called "Secrets Of Successful QSL'ing" in the classified sections of the major ham magazines, but I've never read them.

Finally, GET ENVELOPES ON FILE WITH YOUR INCOMING QSL BUREAU. This point cannot be overemphasized. You will receive many cards that way, even though it takes a while for the bureau system to work.

Good Luck,
Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:300 worked/278 cfmd

"Therapy is like open-heart surgery in installments." -Robin Williams

370. Florida Antenna Ruling

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 03:06:56 UTC
From: drayegon@enterprise.america.com
Message-ID: <NEWTNews.29077.789538159.drayegon@drayegon.america.com>
Source record: 253769
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Date: Sat, 7 Jan 95 22:34:17 EST
From: "D.Ray East" <drayegon@america.com>
Subject: RE:Hubbard,et al.vs.Brower
To: nbliss@arrl.org
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

ATTENTION:

As a Ham radio licensee living in Florida. I cannot see how the ARRL let this issue reach the point it has.. Clearly you should have been notified that this case was before the courts.. If this was done and the league did not step in with some of it's high powered muscle before it reached this point. I am a little dismayed at that fact. Granted I do not know the particulars in this case. So this is more query than acusation. I feel personally that "WE" the people who are going to be most affected by these types of rulings have to make sure they are made in our favour. I would ask three questionsif I may. 1.What is the league planning on doing in this case? 2.Why was this not straightened out earlier?3.When are we going to make a forceful enough case to the FCC. To get a written standard to put a stop to this type of "harrasment" by the locals. Hey you would think that as much as we do in the case of public service for States like Florida.That they from the Governor on down would make sure we in the Amateur Radio community werenot *troubled* by this type of garbage once and for all.

Course as a new type of tactic.WE could give the state of Florida a real choice. The next Hurricane like Andrew or Gordan. We will refuse to play with them. Sounds like that would bring the whole thing to a halt in a big hurry.

Please refer to my three main questions and I would like a list of people and address that I may forward a copy of this letter to.

73 D.Ray East AD4RR.

Name: D.Ray East
E-mail: drayegon@enterprise.america.com (D.Ray East)

__(*) ~~~~~~~
@ ~~~~~~~~~~
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

With A ROAR of Thunder A PUFF of Flames the Drayegon arrives:

371. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 04:31:14 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3enpqi$155o@blue.weeg.uiowa.edu>
Source record: 253771

If you are in an area where TV channel 2 is used, you should consider the strength of the TV signal. In weak signal areas I have seen the second harmonic of 10 meters cause TVI on channel 2.

rw
NE0R

372. Re: HAM, ham, HaM, whatever

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 04:39:14 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3enq9i$v73@blue.weeg.uiowa.edu>
Source record: 253772

I guess all this typing keeps people off the streets and out of
the bars, but does anyone else think ham, HAM, amateur, etc
matter about as much as the number of angels that can dance on the
head of a pin?

rw
NE0R

373. y

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 04:43:40 UTC
From: blackwells@yvax.byu.edu
Message-ID: <1995Jan7.214340@yvax.byu.edu>
Source record: 253773

Realistic 202 2M HT for sale, BRAND NEW:
WIth accessories, speaker mic, chgr, manual, box, alkl batt pack, etc.

$175
Steve
blackwells@yvax.byu.edu

374. No-Code Tech operating in Canada?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 05:13:14 UTC
From: dmorgan@uoguelph.ca
Message-ID: <3ens9a$eti@nermal.cs.uoguelph.ca>
Source record: 253775

A question:

Is a US no-code tech allowed to operate in Canada? I know there are reciprocal operating privleges for the other classes, but obviously the no-code tech doesn't know code :) So, are they allowed to operate in Canada, or not?

DHM.

375. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 05:20:28 UTC
From: Raymundo <raymund0@ahcbsd1.ovnet.com>
Message-ID: <Pine.BSD.3.91.950107235242.13290C-100000@ahcbsd1.ovnet.com>
Source record: 253774

On 3 Jan 1995 William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM wrote:

> >Most, IMO, radio amateurs are happy with the "this is a hobby"
> >philosophy and are content to invest their time and money
> >ONLY on their own personal stations. As far as investing time
> >and money in linked repeater systems or packet radio nodes
> >and backbones, they are more than willing to let someone else
> >foot the bill. The "bill" is beyond the resources of a miniscule group
> >of interested radio amateurs. As a result, our internetworking
> >capabilities are truly miserable.
>
> In the case of amateur radio, we have a lot of people who are licensed yet
> never get on the air. We have areas of spectrum looking for utilization yet no
> one wants to be part of the over all group -- they just want a packet bbs to
> use or a voice repeater without concern to how all that came to be
>
> 73, bill wb9ivr
>

Sounds like a great arguement to me Bill! Do you think a national organization like the ARRL to name one would take on the obligation to upgrade our networking abilities? >
Personally I can't think of an another avenue to tackle the problem, but would the members nationwide support such an uptaking and support the major increase in league dues.

In our little area of the Ohio Valley, we have about four clubs that help support the local pbbs here, but it of course is more on the open bowler type that you have likened them to. One particular club that I belong to has various funds for each activity of the club, but I cannot say that we have a pbbs packet radio fund, whereas we do have a repeater fund for the upkeep of our two club repeaters and a report is made each month in our national bulletin. The repeater fund receives almost adequate attention, and we are currently attempting to locate and build at a new site. Our previous #1 site was owned by TCI (whom originally agreed to sell the club the tower and land upon their abandonment of the site) now they have backed out and we are to find a new location, and buy a new tower, plus reconstruct the present repeater. The outpouring from requests during our weekly Amateur Radio News Nets provided more than half of the needed committment to move the site.

I recently read an article that I found on packet from a fellow complaining about the very medium his words were printed through. His comments were those of your open bowlers hihi, he thought that the sysops were not urged by others to place their nodes and pbbs on the air waves and should not be there for that it was solely the sysops responsiblity

and they should not seek help from the amateur community.

Well I guess I need not explain that I for one was appalled and sent my thoughts as allusa. I very much appreciate our sysops and amateur communities that provide pbbs's, nodes, and repeaters and send all of them in my area contributions when I am able to do so, both through the club and as an individual.

It would be a very costly endeavor to attempt upgrading our present pbbs system and could only be done through a large organization, such as the ARRL, but we as a fraternal organization would have to give till it hurts.

Could we imagine nationwide packet at 9600 baud?

My turn to quit for a spell 73 to all.

Ray N8VZL

376. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 05:37:59 UTC
From: cmoore@sedona.intel.com
Message-ID: <3entnn$ccs@chnews.intel.com>
Source record: 253776

In article <jmaxwellD20Kx3.D0o@netcom.com>,
james a maxwell <jmaxwell@netcom.com> wrote:

>Then follows the Hyman/Almy/Murray story with the Harvard Radio Club
>connection.
>
>This story is false, but it doesn't want to die.

Hi Jim, IMO the most probably origin of the word ham for amateur
is the English theater long before radio was invented. "Hamming
it up" predates radio. Amateur actors were known as hams and it
is logical for any kind of amateur to be called a ham. Back in the
50's, my Elmer told me it had to do with the cockney way of pronouncing
ham. 'am... 'amateur.
--
73, Cecil, KG7BK, OOTC (All my own personal fuzzy logic, not Intel's)

377. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 05:59:48 UTC
From: Raymundo <raymund0@ahcbsd1.ovnet.com>
Message-ID: <Pine.BSD.3.91.950108005340.13290E-100000@ahcbsd1.ovnet.com>
Source record: 253777
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Sun, 1 Jan 1995, Gary Coffman wrote:

> In article <3e495a$l3i@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
> >Gary:
> >Of course if Generals, Advanced, and Extras didn't generally shun
> >the Novice segments, it might be better. The few who do enter the
> >Novice segments are outnumbered by the clueless. I think it's better
> >to have the situation reversed, where the newcomer is outnumbered by
> >the experienced. That makes learning by example much better. It's called
> >"total immersion" in language training, and I think it's equally
> >valuable in the socialization of amateur operators.
> >from that. As far as HF is concerned, are you proposing a class-less
> >licensing system with full privileges for all??
>
> Yes, that's exactly what I have in mind. I even have a modest suggestion
> for a name for the class, we could call it "amateur". For those who
> simply must have wallpaper to confirm their self worth, the ARRL could
> offer a series of certificates of varying technical difficulty, and
> even Morse Code speed runs, if that seems of any interest.
>
> Gary

Good grief we may as well be cber's with a license, well they used to
kinda sorta be right.

I am a general class license and don't want the rest of the freqs handed
to me, but rather want to earn them. I started as a novice and upgraded
to the present "CLASS" of license.

I suggest you find the country that is modeled after your design and buy
a permanet home there.....only kidding Gary. We're all entitled to our
opinions hi.

Ray

378. Re: Spanish/Espanol

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 06:08:58 UTC
From: clifto@indep1.chi.il.us
Message-ID: <D22p2y.HxH@indep1.chi.il.us>
Source record: 253678

In article <3emlol$4u2@ixnews3.ix.netcom.com> miglia@ix.netcom.com (GEORGE MIGLIARINI) writes:
>ENVIE SUS DATOS

Be jealous of Sue's dates.

>Si es usted radioaficionado y puede hablar, entender y escribir un poco
Yes and you radio fan and pubic hair, tender scraps of pullet

>de espanol
from spanish

Did anyone translate the rest?

>George Migliarini
>KE6GAZ
>Laguna Hills, CA 92653

Seriously, how's Spanish getting here from an Italian in California?

--
Cliff Sharp Never get into fights with ugly people.
WA9PDM They have nothing to lose.
clifto@indep1.chi.il.us --The Fourth Law of Reality

379. Re: Kenwood 732 Intermod

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 06:09:15 UTC
From: Neil.l@ix.netcom.com
Message-ID: <3envib$pt5@ixnews1.ix.netcom.com>
Source record: 253679

In <3em1i6$hp5@oak.oakland.edu> prvalko@saturn.acs.oakland.edu (prvalko) writes:

[snip]
>
>I mailed mine back to Kenwood within the warranty period. They de-tuned
>the UHF front end (or so I was told) and that cured it (more or less...
>in any event, it was vastly improved to the point where I could drive
>around with UHF on and NOT hear, "Paging Dr. Fine, Dr. Howard, Dr.
>Fine")
>
>It does not seem to have reduced in-band UHF rcv, either.
>
>73 =paul= wb8zjl
>
>

Almost the same experience here Paul, I had both of mine "detuned" (VHF & UHF) and the paging intermod was significantly reduced. I still have some problems on 440, but not as much. I also haven't noticed much of a decrease in sensitivity (on simplex).

73,
Neil - WH6FD

380. rec.radio.amateur.misc Frequently Asked Questions (Part 1 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 06:12:14 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-1-789545522@oes.amdahl.com>
Source record: 253680
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part1
Revision: 1.7 10/23/94 20:52:50

Rec.radio.amateur.misc Frequently Asked Questions
Part 1 - Introduction to the FAQ and Amateur Radio
------------------------------------------------------------------------------

This is a regular posting of frequently-asked questions (FAQ) about Amateur
Radio, also known as Ham Radio. It is intended to summarize some common
questions on the rec.radio.amateur.misc newsgroup and Info-Hams mail list
as well as to help beginners get started.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good
signal-to-noise ratio in the newsgroup. However, they can't do it alone - you,
the reader, have to use them.
* If you are a new user, please print and review the FAQ articles and look at
the instructions in the news.announce.newusers newsgroup before posting any
articles. If you don't find the answer in the FAQ and you have tried
elsewhere, then you have "done your homework" and it is acceptable to ask
the question on the UseNet newsgroups. Along with your question, please
state where else you have looked for the answer so others also know that
you have done your homework.
* If you are an experienced user, please help by refraining from answering
frequently-asked questions on the newsgroup if they are already answered by
the FAQ articles. Instead, send e-mail to the user who asked the question.
(It will be helpful if you include the part of the FAQ that answers their
question, but not the whole thing.)

The FAQ cannot always prevent people from posting repetitive questions. But
even if hundreds of questions get posted, it saves you from having to answer
them hundreds of times. Also, a friendly pointer to the FAQ in your first
answer can help that person refer to the FAQ in the future. That is when we
can begin to get a real savings of network bandwidth.

To reduce the size of each article, the FAQ information is posted in 3 parts:
Part 1 - Introduction to the FAQ and Amateur Radio
Part 2 - Amateur Radio Organizations, Services, and Information Sources
Part 3 - Amateur Radio Advanced and Technical Questions

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information services like those mentioned in this FAQ list.

Where should I start? (2/94)

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--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 1--

** Introduction to the FAQ

* How to Contribute to the FAQ Articles

We accept suggestions from the Amateur Radio community. Please consider that all new contributions need to be SHORT and concise in order to be included. If a contribution is too long, the FAQ editors can help you find a more appropriate FTP archive or mail server for your article.

We always accept corrections. Please allow some time (often not the next issue of the FAQ) because the FAQ maintainers do this as volunteers so each must give higher priority to their employers.

Send correspondence to hamradio-faq@amdahl.com so that it will reach all the FAQ coordinators: (listed in alphabetical order)

Ed Hare KA1CV ehare@arrl.org (Newington, CT, USA)
Jack GF Hill W4PPT root@jackatak.raider.net(Brentwood, TN, USA)
Ian Kluft KD6EUI ikluft@oes.amdahl.com (Santa Clara, CA, USA)

Paul Schleck KD3FU pschleck@gonix.com (Omaha, NE, USA)
Chris Swartout N6WCP cas30@uts.amdahl.com (San Jose, CA, USA)
Steve Watt KD6GGD steve@wattres.sj.ca.us (San Jose, CA, USA)
Rosalie White WA1STO rwhite@arrl.org (Newington, CT, USA)
Derek Wills AA5BT oo7@astro.as.utexas.edu (Austin, TX, USA)

* Please Send Questions to the Newsgroups, Not the Editors

We wish it wasn't necessary to say this. Please don't send questions to the editors (unless you are sending an answer with it as a submission for the FAQ.) The proper procedure for questions on UseNet is
1) Read the FAQ
2) if it isn't there, check other sources (see Part 2 of the FAQ for electronic sources including Mosaic/WWW)
3) post on the newsgroup

The Internet has become an atmoshpere where questions are asked of everyone as if they have an infinite amount of time to help. The volunteers who maintain the FAQ do not have time to answer questions. Some FAQ maintainers on other newsgroups have been led to believe that no good deed goes unpunished - let's avoid bringing the same end to this effort.

* Call for FAQ Editors

As with any volunteer effort, new volunteers are often needed. The previous paragraph may have already given a hint about this: we need a new editor to post the Ham Radio FAQ. Preferably this should be someone who has enthusiasm for Ham Radio, experience with UseNet, and the ability to work with the other editors. No single person can know all the various aspects of this diverse hobby so the editorial review group is intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is written in PERL. So it would be a plus for volunteers to post the FAQ to have PERL installed on their system and be able to use "cron" or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer should contact hamradio-faq@amdahl.com.

* Acknowledgements

All questions listed as modified "pre-4/92" are entirely Diana Carlson KC1SP's work or her editing of a contributor's work. Diana established this FAQ and credit is due to her for founding this project.

Thanks to Devon Bowen KA2NRC for accepting this FAQ in e-mail every month to keep the FTP archive at ftp.cs.buffalo.edu up-to-date.

* Notes on "Netiquette"

The rec.radio.amateur.misc newsgroup and Info-Hams mail list have a large daily volume of traffic. They can operate more efficiently if the following netiquette guidelines are followed. Please take them seriously.

* If you are new to UseNet, the introductory articles in news.announce.newusers are required reading. Go to that newsgroup now. Definitely, read the instructions there before posting anything. Other rec.radio.amateur.* readers will appreciate it!
* Pick the right newsgroup. Use only the most specific newsgroup for your subject. For example, a question about a homebrew antenna only needs to be posted to rec.radio.amateur.antenna. Also, don't post to rec.radio.amateur.misc when the subject can go in another rec.radio.amateur.* newsgroup. So, when there is a more specific newsgroup, that's the one you want.
* When posting a followup article, ALWAYS try to minimize the number of lines of quoted material from the original article.
* As a general rule when you try to determine whether to reply to someone by e-mail or with a followup article, remember to "praise in public, criticize in private." It's OK to disagree technically but be careful not to attack the person with whom you disagree. Also, be careful with your use of the word "you" when posting a follow-up article. Many unnecessary flame wars have started that way.
* Use a descriptive subject. For example, a message subject of "Ham Radio" tells the reader NOTHING about the contents of your article since the whole newsgroup is about Ham Radio. Other examples of subjects which are so broad that they become useless could include, "Help," "A Question," "Antennas," or "Frequencies." Maybe "Books on Antennas?" or "Where can I find Repeater Frequencies?" would be better, for example. Remember, in a busy newsgroup a lot of users decide which articles to read from the subject line alone. If you post, don't deprive yourself of an audience!
* Before answering a question, check if the FAQ adequately answers it or if someone else already answered it. If you have more to add, make sure to reference either the FAQ or the related articles.
* If a user posts a question which is directly answered by the FAQ, there is no need to post an answer - the information is already available on the newsgroup. Instead, just send an e-mail message which politely explains where to find the FAQ. They will probably appreciate it if you include the answer to their question. (Don't send a "nastygram" - that would just discourage future participation.)
* Pay attention to the size of your audience - use the "Distribution:" header. If you leave it blank, your message will go to every civilized country in the world and occupy disk space in all news systems in all those places. If that's what you intend, that's fine but make sure your article is relevant outside your country. (In particular, Hams should already know there is more to the world than just their own country.)
* If you have an item for sale, please limit the distribution area so that, for example, an article about a radio for sale in New Jersey won't get to California or Europe. If you wish, you may cross-post

your for-sale article to rec.radio.swap.
* Software sources should be posted to either alt.sources, comp.sources.misc, or comp.sources.* for a specific machine type. Software binaries should be posted to the appropriate subgroup of comp.binaries.

** What is Amateur Radio?
Amateur Radio is a non-commercial radio communication service whose primary aims are public service, technical training and experimentation, and communication between private persons. Amateur Radio operators are commonly called hams. Hams often communicate with each other recreationally but also provide communications for others at public events or in times of emergency or disaster.

** Who can become a ham?
The answer to this question differs in every country.

The answer for the USA is listed below. If your country has a newsgroup specifically for it (i.e. UK, Australia, Germany) the most accurate answers can be found there. See Part 2 for the list of region-specific newsgroups.

If that doesn't help, the American Radio Relay League (ARRL) may be able to help because they communicate with similar organizations in other countries, probably including yours. They can be reached by electronic mail or surface mail (see Part 2.)

In the USA, anyone who is not a representative of a foreign government can be an Amateur Radio operator. There are tests that you must pass to get a license, however the tests are not insurmountable. On that general level, the requirements are probably similar in almost every country.

For more information on becoming a Ham in the USA, the ARRL has a toll-free number where you can request information: 1-800-32-NEW-HAM (don't worry about the number being one digit too long - the phone system ignores it.) Other information can also be obtained from the ARRL e-mail information server in the file called PROSPECT. Details on the server are in Part 2.

** Where can I locate information and books on Amateur Radio?
Your local Radio Shack sells some ham radios and Amateur Radio license books. Books can also be obtained through the mail from ham radio organizations, such as ARRL in Newington, CT (203-666-1541) and W5YI in Dallas, TX (1-800-669-9594). There may be one or two ham radio stores in the local area (ie, within 50 miles). Try looking in the Yellow Pages under Radio Communications.

For the Novice license, get a Novice License manual, plus 5-word-per-minute Morse code tapes, costing around $25. For the Technician license, get a combined Novice and Technician License manual, and an FCC

Rules manual, costing around $32. The FCC Rules manual is a good idea for Novice also, but not necessary, since the Novice License manual contains all the FCC Rules that are required for the Novice License.

The ARRL Education Activities Department has several programs to help amateurs (or prospective amateurs) to get started. Ask for a "New prospect package" available free of charge, from ARRL HQ, Educational Activities Department, 225 Main St, Newington, CT 06111.

Information on Ham Radio can also be obtained with your computer. Part 2 of this FAQ contains a significant amount of material on that subject.

** How much does it cost?
To take the tests for any class of amateur radio license, there is a small charge (around $5-$6 currently) to cover copying costs and running the testing sessions. (Due to changes in 1993, Novice tests are under same procedures as the others.) The cost of a radio is really dependent on what you want to do. You can make your own radio and antenna for under $150. You can buy a used single-band radio for $150-$300. Or you can buy a new multi-band multi-mode radio with all the doodads for $300-$3000. I'd suggest you learn more about ham radio, talk to local hams, find out what you want to do with ham radio first.

** Where can I take the tests?
The Novice tests Used to be given by any two qualified hams of General class license or above. Now all the license tests are given by three qualified Volunteer Examiners (VEs) who volunteer their time.

To locate an ARRL testing session in your area, you can contact ARRL at 203-666-1541 x282.

See also the section "Where can I find VE sessions in my local area?" in Part 2 because more information is available via UseNet.

** What are the tests like?
First off, come prepared to VE sessions. Bring: TWO forms of ID, one of which has a picture on it; a calculator (if necessary); a pen and two pencils; the applicable examination fee (around $5-$6 for 1993); the original AND a copy of your current Amateur Radio license (if you have one); the original AND a copy of any CSCEs for tests you've already passed (if you have any).

Each of the written tests (Novice, Technician, General, Advanced, and Extra) are generally a multiple choice test of approximately one-tenth of the question pool. For example, if the question pool is approximately 300 questions, then the test will be a 30-question test. You need to get 75% correct to pass. Note that they truncate to determine the correct number of questions. That means for a 30 question test, you need to get 22 right, which is actually only 73.3%.

Once you've paid the small fee for Technician-Extra tests, it costs no extra to take another test, so I'd suggest you keep taking the next more advanced test until you fail. If you pass the written but not the Morse code (or vice versa) for a specific class license, you have up to one year to take the other test before you would have to retake the written test again. Note that some VEs will not allow you to take the written test unless you've first taken the Morse code test.

The Morse code test is a receiving test only. The test run 5 to 7 minutes. After the test, you are given a 10-question multiple-choice or fill-in-the-blank test. Passing grade is 7 or more. If you fail the 10-question test, the examiner team will examine your copy sheet to see if you have 1 minute of solid copy with no errors. For 5 wpm, that's 25 characters, for 13 wpm, that's 65 characters, for 20 wpm, that's 100 characters. If they can find 1 minute solid copy, you've still passed.

Hints on Morse code tests: Generally, it will be a standard QSO (conversation), and it MUST contain at least one of each of the following:
26 letters A-Z, 10 numbers 0-9, comma (,), period (.), slant or slash (/), question mark (?), double dash prosign (BT), end of message prosign (AR), end of contact prosign (SK).
The letters count as one character, all others count as two characters. There are a couple other prosigns which are worth knowing, but will not be on the test, like "I'm done talking, next" is K, "I'm done talking, back to you" is KN, "Please wait" is AS.

** What can I do with a ham radio license?
There are so many things, it's a difficult question to answer, but here's some ideas:
* Talk to people in foreign countries.
* Talk to people (both local and far away) on your drive to work.
* Help in emergencies by providing communications.
* Provide communications in parades or walkathons.
* Help other people become hams.
* Hook your computer to your radio and communicate by computers.
* Collect QSL cards (cards from other hams) from all over the United States and foreign countries and receive awards.
* Participate in contests or Field Day events.
* Provide radio services to your local Civil Defense organization thru ARES (Amateur Radio Emergency Service) or RACES (Radio Amateur Civil Emergency Service).
* Aid members of the US military by joining MARS (Military Affiliate Radio System).
* Participate in transmitter hunt games and maybe build your own direction-finding equipment.
* Have someone to talk to on those sleepless nights at home.
* Receive weather pictures via satellites.
* Build radios, antennas, learn some electronics and radio theory.
* Talk to astronauts in space, or use the moon to bounce signals

back to people on the Earth.
* Experiment with Amateur TV (ATV), Slow-Scan TV (SSTV), or send
still-frame pictures by facsimile.
* Experiment with amateur satellite communications.

** What can't I do with an Amateur Radio license?
The most important thing you can't do is transact business of any
kind over ham radio. Interference to other hams or services, as
well as obscene, profane or indecent language is not tolerated and
is illegal. Music and broadcasting are not allowed on ham radio.
Some personal conversations may not be appropriate to Amateur Radio.
Do you really want the whole world to hear about Aunt Mabel's
hemorrhoids?

** I'm interested, who will help me?
There are hams who are willing to become "Elmers" (mentors, helpers)
in your local area. Look around and ask local hams. Search out local
radio clubs. As well, some people have volunteered to be an Elmer
over the Usenet. A list of UseNet Elmers and their e-mail addresses
is posted to the newsgroup monthly. If anyone wants to be an Elmer,
send e-mail to
elmers-request@unomaha.edu

There is also a lot to be said for exploring on your own. Take a
look around the FTP archives and e-mail servers listed in Part 2.
There's so much out there on UseNet, you'll find plenty of things
you're interested in.

** Should I build my own equipment or antenna?
[see also rec.radio.amateur.homebrew and rec.radio.amateur.antenna]
"Homebrewing" is a fun and educational part of ham radio. It is a
thrill to build your own transmitter and put it on the air. However,
building your own receiver can be quite complicated; if you don't have
electronics experience, you may want to buy a receiver instead. Most
homebrew transmitters are QRP (transmit very low power). That's fine
for an experienced ham with a very good antenna, but a Novice ham will
just get frustrated. Your first rig, therefore should NOT be a home-
brew.

Antennas can be much simpler projects than the transceiver, though
some types are also quite involved. Most hams build their own anten-
nas for base station use and buy antennas for mobile (car) use. Most
beginner ham books describe how to build different types of antennas.
Order of difficulty, from easiest to more difficult, for some common
antennas are: wire dipole, Zepp, Yagi, Quad, and Log-Periodic. Books
from many sources, including ARRL and several Hams, discuss antennas
in depth.

When building or even understanding antennas, it is good to know the
relationship between the antenna element length and the frequency or
wavelength it is designed for. An antenna performs best at multiples
of 1/4 of that wavelength, though 5/8 wave also has beneficial qualit-

ies. The wavelength is related to the frequency with the following formula:

wavelength (in meters) = 300 / frequency (in megahertz)

You do not need a huge antenna or tower like ones you may see around your neighborhood. Large beam antennas and 40-foot towers are very expensive. As a beginner, a simple dipole antenna is perfectly adequate. As you gain experience (and money :-), you may want to invest in something bigger.

If you can afford new rigs and antennas, there are many mail order stores that advertise in ham radio magazines. If you want to buy a used rig, the best place is at a "hamfest" (ham flea market). You should take along an experienced ham, since some of the used equipment may be inoperative, overpriced or poor quality. You can also answer ads in ham magazines or posted at ham radio stores, although often, by the time you call, the equipment has already been sold.

381. rec.radio.amateur.misc Frequently Asked Questions (Part 2 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 06:12:27 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-2-789545522@oes.amdahl.com>
Source record: 253681
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

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Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part2
Revision: 1.4 10/23/94 20:51:58

Rec.radio.amateur.misc Frequently Asked Questions
Part 2 - Amateur Radio Organizations, Services, and Information Sources
------------------------------------------------------------------------------

Questions discussed in Part 2: (dates indicate last modification)
** Where can I find Ham Radio information with a computer? (8/94)
* Mosaic, World-Wide Web, Gopher, and WAIS (8/94)
* The rec.radio.* newsgroups (2/94)
* The ARRL e-mail server (1/93)
* The KA6ETB e-mail "HAM-server" (10/94)
* The Internet File Transfer Protocol (FTP) (2/94)
* Access to FTP archives via electronic mail (1/93)
* The Ham-Radio mail list: rec.radio.amateur.misc by mail (9/93)
* Telephone BBS's with Ham-related information (9/93)
* Callsign servers and geographical name servers (1/94)
* FTP access to FCC Part 97 and FCC Amateur Radio question pools (1/94)
* Lists of radio modifications and extensions (2/94)
** Can I send ARRL or W5YI electronic mail? (11/92)
** "Why doesn't the ARRL do...?" (11/92)
** What magazines are available for Ham Radio? (pre-4/92)
** How do I use the incoming and outgoing QSL bureau? (11/92)
** Are there any news groups for CAP? (11/92)
** What's the name of the QRP club that issues QRP numbers? (9/93)
** How do I become a 10-10 member? (9/93)
** How do I join MARS? (9/93)
** How do I join RACES? (pre-4/92)
** What organizations are available to help handicapped hams? (pre-4/92)
** I am looking for a specific ham, can anyone help me find him? (6/93)
** Can I post my neat new ham related program on rec.radio.amateur.misc?
(pre-4/92)
** Where can I get ham radio software for my computer? (9/93)
** Are there Dialup News services or BBSs for Amateur Radio? (4/92)
** Where can I find VE sessions in my local area? (9/93)
** Why isn't XXX available electronically? (1/94)
** I'd like to volunteer to help ham radio through electronic
information services like those mentioned in this FAQ list.
Where should I start? (2/94)

--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 2--
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** Where can I find Ham Radio information with a computer?
This question has many answers spanning several electronic media including WWW, UseNet, electronic mail, the Internet, dialup BBS's and others. Various electronic information sources are summarized under the subheadings that follow.

All electronic mail addresses listed are in Internet format. If your site is not connected to the Internet and does not support Internet-style mail addresses, you will need to contact either your system administrators or a local "guru" to find out how or if you can send mail to the sites listed. Ask them, "how can I get mail to the Internet?" and show them the address you're interested in.

* Mosaic, World-Wide Web, Gopher, and WAIS
A new generation of information retrieval tools exploded into great popularity on the Internet in 1993 and 1994. They are the gopher protocol, wide-area information server (WAIS) and World-Wide Web (WWW). They are indeed complete topics of discussion unto themselves which can be found, among other places, in the following newsgroups:

comp.archives
comp.infosystems.announce
comp.infosystems.gopher
comp.infosystems.wais
comp.infosystems.www

Please read those newsgroups if you have questions about the software or how to use it.

At the current rate of growth, we can never hope to list all the servers. We would like cooperation from people who assemble WWW servers to add references to other useful Ham Radio information available at other WWW, gopher, WAIS, and FTP sites. That way the FAQ can direct readers to servers that can reference more servers with more information than we can include on a periodic UseNet posting.

Some useful URLs (uniform resource locators) which can be used with WWW (Mosaic, Lynx, etc.) are as follows:

General Ham Radio Information:

Amateur Radio Virtual Library
http://buarc.bradley.edu/wwwvl-ham.html
Ham Radio FAQs & info: (The OSU server turns this into WWW hypertext)
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/top.html
file://rtfm.mit.edu/pub/usenet/radio/ham-radio
all radio FAQs & info:
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/top.html
wais://rtfm.mit.edu/usenet/radio
Federal Communications Commission:
http://www.fcc.gov/
http://www.fcc.gov/1/Private_Radio
North Carolina State HamRadio WWW Server:
http://www.acs.ncsu.edu/HamRadio

Yahoo's Ham Radio Index:
http://akebono.stanford.edu/yahoo/Entertainment/Hobbies_and_Crafts/Amateur_Radio/
EINet Galaxy's Ham Radio Page:
http://www.einet.net/galaxy/Leisure-and-Recreation/Amateur-Radio.html
O'Reilly's Whole Intrernet Catalog's Ham Radio Page:
http://nearnet.gnn.com/gnn/wic/hobbies.02.html (Eastern USA)
http://www.digital.com/gnn/wic/hobbies.02.html (Western USA)
http://bond.edu.au/gnn/wic/hobbies.02.html (Australia)
http://quasar.sba.dal.ca:2000/gnn/wic/hobbies.02.html (Eastern Canada)
http://www.wimsey.com/gnn/wic/hobbies.02.html (Western Canada)
http://www.Germany.EU.net/gnn/wic/hobbies.02.html (Germany)
http://www.ntt.jp/gnn/wic/hobbies.02.html (Japan)
http://www.elvis.msk.su/gnn/wic/hobbies.02.html (Russia)
http://src.doc.ic.ac.uk/gnn/wic/hobbies.02.html (UK)
University of Buffalo's FTP server:
file://ftp.cs.buffalo.edu/pub/ham-radio
Oakland University's FTP server:
file://oak.oakland.edu/pub/hamradio

Specialized Topics:

SAREX: Shuttle Amateur Radio Experiment
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html
Morse Code Demo
http://macgwy-mac2.gsfc.nasa.gov/GARC/exp/morse.html

Although still very much works-in-progress, the last two URL's
are excellent examples of WWW servers with numerous references
to other resources.

* The rec.radio.* newsgroups
The primary distribution mechanism for this FAQ is UseNet. There
are several newsgroups dealing with Amateur Radio and other aspects
of radio. The full list is as follows:

rec.radio.amateur.misc (*) Ham Radio - misc/general topics
rec.radio.amateur.antenna Ham Radio - antenna construction/theory
rec.radio.amateur.equipment Ham Radio - manufactured equipment/mods
rec.radio.amateur.digital.misc Ham Radio - digital radio modes: packet/
AMTOR/RTTY/etc (formerly r.r.a.packet)
rec.radio.amateur.homebrew Ham Radio - radio experimentation, kits
rec.radio.amateur.policy Ham Radio - policy & regulation
rec.radio.amateur.space Ham Radio - satellites, EME, shuttle/MIR
rec.radio.broadcasting public broadcast radio
rec.radio.cb Citizens' Band Radio
rec.radio.info (*) periodic info from all rec.radio groups
rec.radio.noncomm misc non-commercial radio topics
rec.radio.shortwave Shortwave Radio
rec.radio.scanner Utility Radio above 30Mhz
rec.radio.swap radio equipment wanted and for sale

Country- or region-specific newsgroups include the following:
aus.radio Australia (misc radio topics)
aus.radio.amsat Australia (amateur satellites)
aus.radio.packet Australia (packet radio)
de.comm.ham Deutschland/Germany
fj.comm.ham Japan
uk.radio.amateur United Kingdom
in.ham-radio USA, Indiana
sbay.hams USA, CA, South Bay Area/Silicon Valley
triangle.radio USA, NC, Research Triangle area

This FAQ is cross-posted to the newsgroups marked with asterisks (*).
It is also cross-posted to rec.answers (the archive for FAQs in the
rec.* newsgroups) and to news.answers (UseNet's general repository for
FAQs.) These should be the first places to look for new current
copies of the FAQ.

Most of the rec.radio newsgroups have their own FAQs as well.

* The ARRL e-mail server
ARRL is the American Radio Relay League, representing and promoting
Amateur Radio in the USA. They have established an automated file
server which responds to information requests via electronic mail.
To use the server, send mail to info@arrl.org with any number of
one-line commands in your message. Valid commands are as follows:

help sends more detailed instructions about the e-mail server
index sends a list of the files currently available
send file sends a file (replace "file" with the file's name)
several files are referenced by name in parts of this FAQ
quit ends command processing - use it if a signature will be
appended to your message

The server program will respond to the commands, each in a separate
message. Among many other informative files, a current copy of the
FAQ (updated monthly) can be obtained from the ARRL e-mail server.
Other parts of this FAQ refer to specific files on the ARRL server.

* The KA6ETB e-mail "HAM-server"
Steve Harding KA6ETB has an e-mail server on his 486 PC at home with
over 70 megabytes of Ham Radio-related files (at the time of this
writing.) You can request any of those files with an e-mail message
to the HAM-server at "ham-server@grafex.sbay.org". This site
has a mostly-different selection of files than the ARRL, though some
overlap is unavoidable. The HAM-server contains many plain-text
articles along with programs for MS-DOS & Windows, Unix, Mac, and
OS/2.

Use these commands to send requests to the KA6ETB HAM-server.
HELP instructions and info about the HAM-server
INDEX list of files available from the system
GET <file> send a file (see the HELP notes for more info on
getting binary files in uuencode or xxencode format)

NEWFILES <date> list of new files since the given date
PING used for testing your path to the HAM-server, it just
sends a simple reply so you can look at the path data
QUIT makes the HAM-server stop reading the message (so it
won't try to read your .signature)

Submissions for inclusion in the HAM-server may be mailed in UUENCODED
format to "incoming@grafex.sbay.org".

* The Internet File Transfer Protocol (FTP)
Sites connected to the Internet can access large amounts of data
almost anywhere in the world, often at high speeds. One common way
to transfer the data you want is FTP. Some sites offer a service
called "anonymous FTP" which allows remote users to access a set of
public files without requiring a password.

Perry Rovers coordinates a fairly definitive list (formerly
maintained by Tom Czarnik) of anonymous FTP sites, their IP
IP numbers, time zones, general contents, and access policies
which he posts to several newsgroups, including comp.archives,
comp.sources.wanted and news.answers. It is itself available
via anonymous FTP (how about that?? :-) from (among other places)
rtfm.mit.edu under directory /pub/usenet/news.answers/ftp-list.

For specific information about exact locations of files by name,
the Archie database server may be of help. First check if anyone has
installed the "archie" program on your machine and use it. Archie may
also be accessed by telnetting to one of many sites. The list
of archie sites is numerous and growing fast. For a current
list of sites, telnet to archie.sura.net (login "archie"), then
please use the one closest to you to conserve network bandwidth.

For those without telnet capability, the database may be accessed non-
interactively via mail server. Send E-mail with the word "help" to
archie@host where host is one of the Archie sites above.

The above two resources (the FTP list and the Archie server) are
extremely powerful tools for finding out "what's out there" at various
FTP sites around the world. *PLEASE* exhaust their capabilities
before posting requests to the net.

The following is a brief summary of major ham-related FTP sites and
places where you can obtain a current copy of this FAQ:

ftp.cs.buffalo.edu:/pub/ham-radio
(submissions to this ftp site should be made to
bowen@cs.buffalo.edu) - Contains many ham radio files,
including the FAQs, Elmer list, SWL and scanner info, Packet
FAQ, examination opportunities, information on various
regulations, information on commercial radios (i.e. GE or
Motorola), SSTV (slow-scan TV), HTs (handheld transceivers).
Recently, the rec.radio.amateur Working Group (rra-wg,
see below for more information about their mailing list)

has started to encourage archivers of radio modification
instructions to mirror them at this site. In this way,
maintainers may come and go but the collection of
mods will remain continuously available (and undergo
constant positive growth). This FAQ is updated monthly
here.
grivel.une.edu.au:/pub/ham-radio
Australian mirror of ftp.cs.buffalo.edu
nic.funet.fi:/pub/ham
This is one of the largest FTP sites in Europe and maybe the
most popular. /pub/ham/info contains a mirror of Buffalo.
Other topics available here include amiga, antenna, HF, packet,
satellite, scanners, program sources, VHF and others.
This site is also one of the article archives for the
rec.radio.info newsgroup.
ftp.uu.net:/networking/ka9q
A large FTP site in the USA - UUNET contains sources and
binaries for many different types of computers.
ftp.ucsd.edu:/ (site was down when we were looking for the new path)
The "home" site (with the most recent versions for the largest
number of different computer platforms) of the KA9Q TCP/IP
Network Operating System (NOS), other ham-related software,
and the archives for the Info-Hams, Packet-Radio, Ham-Policy,
Radio-Info and TCP-Group digests.
vixen.cso.uiuc.edu:/pub/ham-radio
This site contains the HyperCard Hamstacks written by Diana
Carlson as well as ASCII readable ham radio question pools.
ftp.apple.com:/pub/ham-radio
Ham software and information, especially Macintosh software
rtfm.mit.edu:/pub/usenet/news.answers/radio/ham-radio
all participating FAQs and periodic informational postings are
archived here, including those from the rec.radio.* newsgroups
which can be found in pub/usenet/news.answers/radio.
Participating FAQs are automatically archived here when they
are posted on UseNet.
ftp.amdahl.com:/pub/radio/amateur
cd pub/radio/amateur - the most up-to-date copy of the FAQ
(updated nightly when changes are made)
world.std.com
The Ham Radio archive at this site has been moved to
oak.oakland.edu.
oak.oakland.edu:/pub/hamradio
oak.oakland.edu:/pub/hamradio/arrl
Mac, Amiga, Atari, PC files in their own subdirectories.
Also radio mods and an Internet mirror of the ARRL info
server.

See also the file FTP-INFO on the ARRL e-mail server.

If you experience difficulty connecting to the above FTP sites, some
troubleshooting hints are shown below. The unfortunate situation here

is that Netnews is far more prevalent than direct Internet hookups, accurate name servers, smart mailers and routers, and of course, telnet and FTP client services. What this means is that your trouble may be caused by MANY factors.

Here's some hints to check what's wrong:
* It may very well be that your newsfeed and email are via dialup line and UUCP (Unix-to-Unix copy) in the wee hours of the morning. If this is the case, then you have no direct connection to the Internet and thus cannot use real-time interactive services like FTP and telnet.
* If you are at a college or university, your host (ie, the computer you are logged onto) may be on the Bitnet network, which has an email gateway to the Internet, but no direct connect capability.
* If you do have a direct connection to the Internet, does your host have telnet and/or FTP client programs? (ie, if you type "ftp" or "telnet" at your command prompt, do you get anything?) Many hosts, particularly IBM mainframes not running Unix, do not support these services!
* Can you telnet to other hosts and get a login prompt?
It may very well be that some hosts are "not recognized" due to misconfigured connections and inaccurate host tables/name servers (*.mil computers are *NOTORIOUS* for this!)
* If you get "host not in host table" or "host unknown" or similar error, try telnetting via the IP number, a set of four 1-3-digit numbers separated by periods (eg, 198.137.220.1). The exact IP number for the site can be obtained via the nslookup utility, if your computer supports it. (The FAQ does not print IP addresses any more because they change so often.) Your system may not recognize the "fully-qualified domain name" (like callsign.cs.buffalo.edu), but it should ALWAYS recognize an IP number if their network is reachable from yours.
* If you get "network unreachable" check with some more knowledgeable users if your site is actually connected to the Internet. If it is, a link in the network may be temporarily disconnected for maintenance (or by accident.)
* In the case of telnetting to a non-default port (as in the case with the callbook servers), if telnet <host> <port#> doesn't work, but you can telnet to the default login port (ie, no qualifiers), then the manner at which the port qualifier is entered may be system dependent. Also, at many education sites, it is common practice to block telnet connections above TCP socket 1000 or so in a somewhat misguided attempt to block usage of "recreational" TCP socket applications such as Multiple User Dungeons (MUD's) or Internet Relay Chat (IRC). In most cases, a polite word to the system administrators, pointing out the worthwhile services available on sockets 2000 and 3000 will get telnet service unblocked, at least for those ports.
* Syntax for telnetting from different operating systems differ. Some common command syntaxes are: (angle brackets are for

readability, do not type these in literally)
Berkeley Unix or VMS with Wollongong TCP/IP uses syntax:
telnet <host> <socket#>
Other possibilities to try:
telnet console <host> (for 2000 port)
telnet <CR> open <host>:<port#>
telnet <host>/<port#>
telnet <host>/port=<port#> (for Multinet on VMS)
* Compression techniques are different for different operating systems.
However, these hints should help:
foo.sit needs Macintosh UnStuffit to unstuff
foo.hqx needs Macintosh BinHex to uncompress
foo.tar needs Unix or GNU tar utility to extract archived files
foo.Z needs Unix 'uncompress' to uncompress or VMS
compress_vms.exe (on gatekeeper.dec.com) will work too.
foo.z needs the GNU gzip utility (from prep.ai.mit.edu) to
uncompress it. gzip will also uncompress *.Z files.
If more than one method was used,
like for foo.hqx.Z, start at the outside and work in (so uncompress
on Unix with 'uncompress' first, transfer to MacIntosh, then
uncompress with BinHex to get uncompressed file).
* There is an excellent introduction to FTP and archiving software
regularly posted to comp.binaries.ibm.pc and news.answers.
* If all else fails, ASK your system administrator or check system
documentation.

* Access to FTP archives via electronic mail
ANY BITNET, EARN, or NorthNET site can access the Princeton mail
server. It will be most efficient if you know the complete path
and filename for anything you wish to transfer, but you can use
'cd' and 'ls -l' commands to move about and browse the remote site's
directories. The Archie database server may also be useful to search
for files and their directory locations on FTP sites around the world
(see below). Please be patient when using non-interactive mail
servers such as BITFTP as each request may take several hours (or
longer) to be fulfilled.

For access to the FTP server, send email to bitftp@pucc.bitnet (for
BITNET, EARN and NorthNET users ONLY!). Subject doesn't matter.
The text of the email is the FTP commands one after another. For
example, suppose you wanted to access the FTP site lcs.mit.edu:
FTP lcs.mit.edu
USER anonymous
PASS yourname@yoursite (not required)
ASCII
CD telecom-archives
GET filenames
BYE
A help file is available giving detailed instructions by putting
the single word HELP into the text of the email.

For nonBITNET users, there is also a FTPMAIL server at
ftpmail@decwrl.dec.com. Commands include: REPLY <mailaddr>,
CONNECT [HOST [user [pass]]], ASCII, BINARY, COMPRESS, COMPACT,
UUENCODE, BTOA, LS <directory>, DIR <directory>, GET <file>, QUIT,
HELP. Get the help file for more information by sending mail with
the single line "help". The ftpmail site may complain if you try
try to get more than 1 file per email request. Here is an example of
a request:
reply your_name@your_site
connect vixen.cso.uiuc.edu
binary
uuencode
get pub/ham-radio/extra-pool.txt
quit

A note on the use of FTP mailservers: If you want to use FTP
mailservers, like FTPMAIL, please be considerate of any systems that
your mail must pass through. The quickest way to find yourself cut
off from the world is to make the admins of sites that pass your mail
pass 60Mb of X11 graphics system source. If you need large amounts
of information from a mailserver, contact your admin for help -- it
may already be available, or he may know a better way to get it.

* The UCSD Ham-Radio mail list: rec.radio.amateur.misc by mail
You can use rec.radio.amateur.misc even if your site has no NetNews
feed. To subscribe to rec.radio.amateur.misc, send email to:
Ham-Radio-Request@ucsd.edu
In the body of the message, write:
subscribe Ham-Radio
If your local e-mail software does not provide a valid return address
(i.e. Bitnet, many Milnet sites, and many non-Unix e-mail packages)
you can provide your return address between the "subscribe" and the
name of the mailing list (i.e. "subscribe myname@here.org Ham-Radio".)

Similarly, to subscribe to some other rec.radio.* newsgroups, use
the following directions: (all addresses here are @ucsd.edu)
Request address List address Newsgroup
Ham-Radio-Request Ham-Radio rec.radio.amateur.misc
Ham-Digital-Request Ham-Digital rec.radio.amateur.digital.misc
Ham-Policy-Request Ham-Policy rec.radio.amateur.policy
Ham-Equip-Request Ham-Equip rec.radio.amateur.equipment
Ham-Ant-Request Ham-Ant rec.radio.amateur.antenna
Ham-Homebrew-Policy Ham-Homebrew rec.radio.amateur.homebrew
Ham-Space-Request Ham-Space rec.radio.amateur.space
Radio-Info-Request Radio-Info rec.radio.info

IMPORTANT NETIQUETTE NOTE: never ever send a request to subscribe
or unsubscribe from *any* mail list to the list itself. Always use
the REQUEST address. Otherwise you'll end up broadcasting your
request to everyone on the list and getting lots of people angry at
you. (Seriously - this is a completely avoidable mistake and it
does irritate a lot of people.)

TO UNSUBSCRIBE, follow directions above, changing the command word "subscribe" to "unsubscribe"
DON'T POST TO THE NEWSGROUP ITSELF! USE THE REQUEST ADDRESS!
Help is available by using the command word "help". Note that command words MUST be the first word on each line of the message.

You can post to rec.radio.amateur.* by sending your posting email to the mail list addresses at ucsd.edu. Since rec.radio.info is a moderated newsgroup, requests to post to it may be sent to Radio-Info but they will be mailed to the moderator, rec-radio-info@ve6mgs.ampr.ab.ca, for posting.

All of the Amateur radio newsgroups are archived for FTP on ucsd.edu under subdirectory mailarchives/{mail-list-name}. However, Radio-Info is not archived at UCSD because almost everything is either on one of the other lists or in the news.answers archives at rtfm.mit.edu (see also funic.funet.fi above).

To subscribe to rec.radio.shortwave, send email to listserv@cuvma.columbia.edu, message is "subscribe swl-l (your name)"

* Telephone BBS's with Ham-related information
Among many, a large one is WB3FFV. Use 8/N/1. The phone numbers are
(410)-661-2475 1200-38400/MNP5/V32bis/V42bis
(410)-661-2598 1200-38400/MNP5/V32bis/V42bis/PEP
(410)-661-2648 1200-19200/MNP5/V42bis/PEP
Login is bbs, no password. This BBS is also available via UUCP, login is uucpanon, no password. For a list of available files, try:
uucp wb3ffv!~/FILES /usr/spool/uucppublic

Another one is N8EMR at phone 614-895-2553, login hbbs. Data settings are 8 bits, NO parity, 1 stop bit. N8EMR has a comprehensive list of other ham-related BBS's on-line.

ARRL has a BBS called "HIRAM", named after the League's founder. The number is 203-666-0578. More information can be obtained from the file ARRL-BBS on the ARRL e-mail server.

For a more complete list of Ham Radio BBS's, see the file BBS on the ARRL server. See also the file BBS_LIST.TXT on the KA6ETB HAM-server. Also see many of the FTP sites listed earlier in this section. There is now way to keep a list like this anywhere near up-to-date so giving you a lot of sources is the next-best thing!

* Callsign servers and geographical name servers
We know of online callsign servers for the USA, Canada and UK.

If you are at an Internet site you can connect using telnet to the following callbook server (covering the USA and Canada):
callsign.cs.buffalo.edu

There is also a general geographical name server at
martini.eecs.umich.edu

For the UK, you can use a WWW client to access the following URL:
http://www.mcc.ac.uk/htbin/callbook

The callbook server sits on port number 2000 and the geographical name server sits on port 3000. These are different port numbers than what telnet usually defaults to. So if you just telnet to these machines, you will get a login prompt instead of the server. How you tell your telnet program to connect to port 2000 or 3000 instead of the default port is operating system dependent but it is usually done with a line like

telnet callsign.cs.Buffalo.edu 2000

If this doesn't work, check the telnet/FTP troubleshooting hints above or consult your local systems guru for the proper command string.

The interactive servers are designed to be somewhat self-explanatory and they support fairly detailed help facilities. The first command you should execute when connecting to one of these servers is "info". This will list general info about that server and how to use it. You should then type "help" to list the various commands available. Typing "help" followed by a command name will give you a little more detail about that command. Servers allow searches by call, last name, zip code or city and also provide regular expression filters to trim your searches so you get a reasonable amount of output.

Both these servers are built from a database distributed by Rusty Carruth, N7IKQ. This database currently contains US and Canadian callsigns and it does not contain club calls. A new version of the database is sent around approximately once a year.

There is also an email callsign server at callbook@sat.datapoint.com (The UUCP address is ...!uunet!dptspd!callbook). In the body of the text, say "lookup" followed by callsigns you want to look up. If your mailer appends signature files, you should put a line "quit" at the end of your request (before the signature file). If you want help, put the word "help" on a line by itself. Here is what a request might look like:
help
lookup kc1sp wn4bbj
lookup n0fzd
quit

There is another email callsign server at callbook@n8emr.cmhnet.org. The subject line is the list of callsigns to lookup. All other lines are ignored. This same callsign server can be accessed with packet radio via cbook@n8jyv.#cmh.oh.usa.na. The body of the message should include "REPLY n8jyv!HOME_BBS!CALL" (where HOME_BBS is YOUR home BBS, and CALL is YOUR callsign), carriage return, "CALL call1 call2 ..." (where call1 call2 .... is space separated list of callsigns you want to lookup).

If you are a packet radio station, callserver data is available from REQQTH@WA4ONG.VA.USA.NA, subject line should be up to 5 US callsigns,

separated by spaces. For Canadian calls, use the callserver at
REQQTH@VE3JF.ON.CAN. Body of message is ignored. The server is an
OS interface to the MBL packet BBS using the Buckmaster CD-ROM
callsign database.

The FCC "call sign hotline" at 717-337-1212 is available for those
who wish to listen to the call signs allocated in each group for each
district. This requires only a touch-tone telephone to use.

* FTP access to FCC Part 97 and FCC Amateur Radio question pools
Part 97 is part of the FCC regulations and only applies to the USA.
As of 1/94, a current copy can be found at ftp.cs.buffalo.edu in
the /pub/ham-radio directory.

An ASCII copy of the question pools are available by ftp from
the ARRL e-mail server.

* Lists of radio modifications and extensions
[see also rec.radio.amateur.equipment]
The largest collection of mods data that we know about is kept at
ftp.cs.buffalo.edu in the /pub/ham-radio/mods directory. The
maintainer of this archive strongly encourages all existing
archivers of mods to mirror their collections on this site.
in this way, maintainers will come and go, but the collection
of mods will remain stable and accessible.

There is a packet radio Mods Server. To get the directories, send
a packet as follows:
SP REQFIL@N2IMC.NJ.USA.NA
Subject: MODS\Dir.1
/EX
To get the mod, send to same place, with Subject MODS\Filename.ext.

REMEMBER that any modification is likely to void your warranty and
that these mods are NOT guaranteed to work. This list is supplied
here because it is a frequently-asked question on the newsgroup.

** Can I send ARRL or W5YI electronic mail?
Several ARRL HQ staffers can be contacted via the net. Their e-mail
addresses are available from the ARRL e-mail file server in the
file called "EMAIL".

ARRL requests that you include your postal address (the slow kind) in
case they need to send you nonelectronic material in answer to your
request.

W5YI, a large VEC, can be reached at the following address:
Fred Maia, W5YI 3511297@mcimail.com

** "Why doesn't the ARRL do...?"
If you want the ARRL to do something, tell them! Direct input from a
concerned member (or, actually, any concerned Ham) carries a lot more
weight than hearsay from any source. Their e-mail addresses are

available from the ARRL e-mail file server (see above). They want direct input - that's why those addresses are available.

** What magazines are available for Ham Radio?
Your local ham store may have some, but here's some popular ones (this is NOT a complete list!):
QST, ARRL, 225 Main St, Newington, CT 06111 - basic projects and contesting
CQ The Radio Amateur's Journal, 76 North Broadway, Hicksville, NY 11801 - beginner ham radio articles
73 Amateur Radio Today, WGE Center, Forect Rd, Hancock, NH 03449, FAX (603) 525-4423, email: COMPUSERVE 70310,775 or Internet 70310.775@compuserve.com - more technical ham radio articles
QEX, ARRL, 225 Main St, Newington, CT 06111 - more technical projects
WorldRadio, 2120 28th St, Sacramento, CA 95818, (916) 457-3655. Subscriptions to 201 Lathrop Way, Ste D, Sacramento, CA 95815, (800) 365-SUBS - lots of special interest columns, like QRP, ATV, YL, etc.
W5YI Report, PO Box 565101, Dallas, TX 75356, 1-800-669-9594 - up-to-date information on Amateur Radio happenings, including VE information and statistics

** How do I use the incoming and outgoing QSL bureau?
To use the outgoing QSL bureau, you must be a member of ARRL. In general, you send a bundle of foreign (not States!) QSL cards to the outgoing bureau in Newington, Connecticut, along with a label off of your QST magazine (which shows ARRL membership), along with $2 per pound of cards (approximately 150 cards) or $1 for 10 cards or less.

To use the incoming QSL bureau, you do NOT have to be a member of ARRL. Send one or more Self-Addressed Stamped Envelopes (size 5x7 or 6x9, NO BIGGER, NO SMALLER) with one ounce of postage attached and with your callsign in 3/4" letters in top left hand corner where the return address label would go. If you expect a large quantity of foreign QSL cards, attach extra money or postage with a paper clip; do NOT affix extra postage to envelope. Send the envelopes to the QSL bureau for your callsign area. If your callsign is xx3xxx/5, you would send it to the 3rd call area, NOT the 5th call area. Addresses for QSL bureaus are listed in QST and on the ARRL e-mail server (see below); if you don't have access to a QST magazine, ask another ham. IMPORTANT: BE PATIENT! Turnaround time for a US QSL bureau, not considering foreign QSL bureaus, is about 3 months. Foreign QSL bureaus and hams can be as fast as 2 months or as slow as TEN YEARS, while average is about 6-12 months.

Addresses for the US incoming and outgoing QSL Bureaus are available from the ARRL e-mail server in the files called "QSL-IN" and "QSL-OUT". See the question above

** Are there any news groups for CAP?
There is no news group just for Civil Air Patrol discussions. However,

rec.aviation.misc is appropriate for CAP aviation discussions and for
CAP radio information, these rec.radio.amateur.* groups are available.
CAP-related files are also stored on the FTP site
sunburn.cps.udayton.edu in pub/capital.

** What's the name of the QRP club that issues QRP numbers?
QRP Amateur Radio Club International, c/o Bill Harding K4AHK,
10923 Carters Oak Way, Burke, VA 22015.

See also the file QRP-ADDRESSES on the ARRL e-mail server.

** How do I become a 10-10 member?
10-10 is simply an organization to sponsor the use of the 10 meter
band. It was first conceived when propagation was poor on 10 meters,
as a method to get more hams to use 10 meters. The past few years
have been great for 10 meters worldwide. However, "the bands are
closing down" again, and 10 meters will once again be limited more
for local communications, except for sporadic band openings, until
the next sunspot cycle.

To join 10-10, work ten 10-10 members and LOG each 10-10 number, call
sign, operator's name and location. Send the list to your numeric
call sign or DX area manager (as shown below), with $5.00 U.S. new
membership registration fee ($6.00 for foreign addresses).

10-10 International Area Managers:
USA 1 - Al Kaiser N1API, 194 Glen Hills Rd, Meriden, CT 06450
USA 2 - Larry Berger WA2SUH, 9 Nancy Blvd, Merrick, NY 11566
USA 3 - Chester Gardner N3GZE, 9028 Overhill Dr, Ellicott Cty,MD 21042
USA 4 - KY, TN, FL, VA, NC, SC only
Rick Roberts N4KCC, 7106 Ridgestone Dr,Ooltewah, TN 37363
USA 4 - GA, AL, Puerto Rico only
Jim Beswick W4YHF, 112 Owl Town Farm, Ellijay, GA 30540
USA 5 - Grace Dunlap K5MRU,* Box 445, LaFeria, TX 78559
*summer addr Jun-Oct Box 13, Rand, CO 80473
USA 6 - Dick Rauschler W6ANK, 4371 Cambria St, Fremont, CA 94538
USA 7 - Willie Madison WB7VZI, 10512 W Butler Dr, Peoria, AZ 85345
USA 8 - John Hugentober N8FU, 4441 Andreas Ave, Cincinatti, OH 45211
USA 9 - Jim Williams N9HHU, 240 Park Rd, Creve Coeur, IL 61611
USA 0 - Debbie Peterson KF0NV, RR 1 Box 35, Duncombe, IA 50532
All DX- Carol Hugentober K8DHK,4441 Andreas Ave, Cincinatti, OH 45211

For more info, see the file 10-10-INFO on the ARRL e-mail server.

** How do I join MARS?
To join MARS, you have to be 14 years or older (parental consent
required under age 17), be a US citizen or resident alien, possess a
valid Amateur Radio license, possess a station capable of operating
on MARS HF frequencies, and be able to operate the minimum amount
of time for each quarter (12 hours for Army and Air Force; 18 hours
for Navy-Marines). Novices must upgrade to Technician within 6
months, else be dropped from MARS. No-Code Techs can apply, provided

they have transmit and receive HF capability for MARS frequencies (they don't need transmit capability for Amateur HF frequencies). For application forms contact:

Chief, Air Force MARS
HQ AFC4A/SYXR
203 W. Losey St. Room 1020
Scott AFB, IL 62225-5219
(618)256-5552 Fax: (618) 256-5126

Chief, US Army MARS
HQ USA Information Systems Command
ATTN: ASOP-HF
Ft. Huachuca, AZ 85613-5000
800-633-1128

Chief, Navy-Marine Corps MARS
Naval Communication Unit
Washington, DC 20397-5161

** How do I join RACES?
Contact your nearest Civil Defense or Emergency Management Agency. The Radio Amateur Civil Emergency Service is a part of a municipal, county, or state government. This does not mean, however, that every such government has a RACES program. If your government does not have a RACES, ask them to refer you to the nearest jurisdiction that does have a RACES program.

** What organizations are available to help handicapped hams?
Courage Center
Handihams
2915 Golden Valley Rd
Golden Valley, MN 55422
(612) 520-0515
ARRL has a Handihams information package (get it by requesting it through 2155052@mcimail.com) and a book called "The ARRL Plan for the Disabled", available at no charge from the ARRL Regulatory Information Branch.

** I am looking for a specific ham, can anyone help me find him?
Rather than sending out a message on Usenet, you might first try the "Radio Amateurs on Usenet" listings, maintained and posted by Mark Salyzyn VE6MGS. The articles can be found monthly on rec.radio.info and rec.radio.amateur.misc. If the copy in your news spool has expired for some reason, you can look up an entry in the list by sending an e-mail to reqnet@ve6mgs.ampr.ab.ca with either of the following commands in the body of the message:
lookup keyword keyword keyword ...
return user@machine.subdomain.domain
(Fill in the proper info for the search keyword or e-mail address.)
An automated server program will reply to your message.

If you have his/her callsign or name, you should also try one of the on-line callservers shown above. This works in most cases. (!!!)

Also try directory assistance from the phone company or the locator service provided by the Salvation Army. A Salvation Army post in your local area may be able to help you. Also, the Quarter-Century Wireless Assn maintains a collection of callbooks going back to "the beginning of time". Their address is: 1409 Cooper Drive, Irving, TX 75061. Also, the Callbook has a dial-in line for accessing new ham callsigns. Try (1-708-234-8011) at 2400 baud.

** Can I post my neat new ham related program on rec.radio.amateur.misc?
This is really not a good idea, since many of the readers receive these newsgroups as mail digests. Posting is also a one-shot thing. If you post and someone missed it, it is gone. A better way would be to announce the existence of your program here, along with information on how to obtain a copy of your program. You can also submit it to one of the FTP archive sites, which will allow the world to access it without you having to mail it to each requestor. If you just GOTTA post it somewhere, post it to more appropriate groups, like comp.sources.unix or alt.sources or comp.binaries.ibm.pc.

** Where can I get ham radio software for my computer?
See the information about Anonymous FTP, e-mail servers, and ham-related telephone BBS's above. For PC-clones, see the KA6ETB HAM-server. For Macintosh computers, see the file SOFTWARE-MAC on the ARRL e-mail server for locations to look.

** Are there Dialup News services or BBSs for Amateur Radio?
There are two major news services for ham radio. Both are run by volunteer hams and provide bulletins of specific interest to amateurs, hence they are perfectly legal to rebroadcast on ham bands according to FCC Regulation 97.111B(6). To lessen the load on the dialup lines, consider getting your local repeater operator to rebroadcast it, or tape record it to play at your favorite HF net.

RAIN (Radio Amateur Information Network) is produced by Hap Holly, KC9RP, located in Illinois. The news is typically updated 8am CST Fridays. Phone numbers are 1-708-299-INFO (299-4636) and 1-708-827-RAIN (827-7246).

NEWSLINE is another, produced by Bill Pasternak, WA6ITF. Donations for NEWSLINE are accepted at Newsline Support Fund, c/o Dr. Norm Chalfin K6PGX, Pasadena, CA 91102. Phone numbers are:
Chicago 1-708-289-0423
N.Florida 1-407-259-4479
West Palm Beach 1-407-965-1234
Los Angeles 1-805-296-2407 (Instant Update Line)
Los Angeles 1-213-462-0008
NYC 1-718-353-2801
Ohio 1-513-275-9991
Seattle 1-206-368-3969

** Where can I find VE sessions in my local area?
VE sessions are often announced in the local newspapers, but more often, they are announced by local radio bulletin boards. The local packet BBS will most likely have a monthly updated schedule for VE sessions. ARRL or W5YI can generally be called and asked for local VE sessions as well. Don't forget that you will need the following when you go in for an upgrade: a copy of your current Amateur license; your original Amateur license; any CSCEs (duplicate not required), if applicable and less than a year old; a picture ID, preferably a driver's license, passport or visa; and the VE test fee (approximately $5 right now).

Bart Jahnke, KB9NM, the ARRL VEC Manager (bjahnke@arrl.org) posts a listing of VE exams indexed by state (and some overseas sites, usually at embassies and military bases) to the net every 6 weeks or so. The same list can be obtained from the ARRL e-mail server under the file EXAM-SCHEDULE. Another file of interest is EXAM-INFO.

The ARRL list is the definitive list for ARRL VEC sessions. There are other smaller VECs around the USA. ARRL includes their schedules when the info is available. The other VECs phone numbers are listed with the ARRL info so you may wish to give them a call to check their schedule if they didn't provide it to ARRL.

** Why isn't XXX available electronically?
This is a theme for a lot of common questions. For the "XXX" above, substitute any of the following:
Callbooks
DX QSL Lists
Radio station lists
various publications
and more...

Except for the Callbook (via callsign servers), these are not available because of any of several reasons. Either there are copyright restrictions, royalty fees, or the source just may not have done the work. Also, not everyone that has information has reliable UseNet access.

** I'd like to volunteer to help ham radio through electronic information services like those mentioned in this FAQ list. Where should I start?
This FAQ would not be complete without a reminder that useful resources on the net do not grow on trees, they are the work of many dedicated volunteers. The rec.radio.amateur.* newsgroups are very fortunate to have quite a number of such volunteers providing everything from FAQ lists to telnettable callsign servers. This doesn't mean, however, that there isn't room for more information and services from additional volunteers. One such service would be more detailed FAQ lists for the recently--created special-interest rec.radio.amateur.* newsgroups (such as those for antennas, homebrew electronics, equipment and ham radio in space) to supplement this general FAQ.

Recently an electronic mailing list for amateur radio FAQ maintainers, archive custodians, service providers, and other volunteers was set up. It is the rec.radio.amateur.* Working Group (rra-wg). Anyone with a sincere interest is welcome to subscribe by sending E-mail to rra-wg-request@amdahl.com. The readers of that forum would be more than happy to provide advice and guidance with regard to an existing information project, or even suggest a new one to fill a currently-unmet need.

382. rec.radio.amateur.misc Frequently Asked Questions (Part 3 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 06:12:38 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-3-789545522@oes.amdahl.com>
Source record: 253682
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

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Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part3
Revision: 1.3 10/16/94 03:00:01

Rec.radio.amateur.misc Frequently Asked Questions
Part 3 - Amateur Radio Advanced and Technical Questions
------------------------------------------------------------------------------

Questions discussed in Part 3: (dates indicate last modification)
** What are the different US amateur classes and what can each of them do?
(pre-4/92)
** What is the best way to learn Morse Code? (10/92)
** What is the standard for measuring Morse code speed? (pre-4/92)
** What is the standard phonetic alphabet? (10/94)
** I'm confused. What do all those abbreviations mean??? (6/93)
** What do all those "tones" mean? (pre-4/92)
** Where can I learn more about Amateur Radio if I live outside the US?
(9/93)
** How can I get a "reciprocal license" if I am a licensed ham from another
country or if I am a FCC licensed ham who wants to operate in another
country (on vacation)? (9/93)
** My apartment or housing complex does not allow outdoor antennas, now what
do I do? (9/93)
** I got TVI...HELP!!! (9/93)
** On what frequencies do JPL and GSFC retransmit the shuttle audio?
(10/92)
** Can I take my HT on an airplane and operate it if I get the permission
of the captain? (4/92)
** How do I modify my current Amateur license? (9/93)
** I'm confused about XXX, should I ask the FCC? (9/93)
** Is there any information on antique radios? (pre-4/92)
** Where can I buy vacuum tubes? (9/93)
** What do I need to get started in packet radio? (9/93)
** What do I need to get started in satellite communications? (9/93)
** What is available to get started in ATV, SSTV and WEFAX? (9/93)
** What are these contests I sometimes hear, and how do I participate? (9/93)

--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 3--

** What are the different US amateur classes and what can each of them do?
Novice - has CW (Morse code) privileges on 4 HF bands (80, 40, 15,
and 10 meter), Voice privileges on 10 meters, and privileges
on 2 VHF/UHF bands (220 MHz and 1290 MHz).
Required are 5 wpm Morse code test and 30-question Novice test.
```

Technician - has full privileges on all VHF/UHF bands above 30 MHz.
Required are Novice test and 25-question Tech test.
Technician may access Novice HF bands by passing the 5 wpm Morse
code test.
General - has all Technician privileges, plus larger access to more
HF bands, including CW and Voice on 160, 80, 40, 30, 20, 17, 15,
12, and 10 meter bands. A General class amateur can give Novice
tests.
Required are 13 wpm Morse code test, Novice, Tech and 25-question
General test.
Advanced - has all General privileges, plus wider band access on 80,
40, 20, and 15 meter bands. An Advanced class amateur can
also become a VE and give tests to Novice and Tech tests.
Required are 13 wpm Morse code test, Novice, Tech, General and
50-question Advanced test. The Advanced test is the most difficult
of the five written tests.
Amateur Extra - has full privileges on all amateur bands. An Extra
can become a VE and give all amateur tests.
Required are 20 wpm Morse code test, Novice, Tech, General,
Advanced and 40-question Extra test.

** What is the best way to learn Morse Code?
This is becoming an increasingly common question as many "no-code"
Technicians realize they can add more privileges to their license if
they learn Morse Code. The following list of suggestions should
be helpful in finding ways to approach the effort.

* Listen to code at a rate faster than you can copy.
* Participate in Novice-Roundup and/or Field Day. Practice whenever
you get the chance!
* Avoid the "deciphering" plateau around 5 WPM and and character
plateau at 10 WPM by listening to the fast Farnsworth-paced
"beat" of each letter and the "beat" of common words. (See the
question on Morse code speed for more information on Farnsworth
pacing.)
* Practice to develop a "copy buffer" so you copy about 5 characters
behind. (This is not easy but it's how the higher speeds are done.)
* Practice both with headphones and "open-air" copy as the code test
may be in either format. (If you only practice one, you may fumble
on the other.)
* Most of all, don't give up! Recognize when you reach plateaus
and keep trying until you break through them.

** What is the standard for measuring Morse code speed?
The word PARIS was chosen as the standard length for CW code speed.
Each dit counts for one count, each dash counts for three counts,
intra-character spacing is one count, inter-character spacing is three
counts and inter-word spacing is seven counts, so the word PARIS is
exactly 50 counts:

```
PPPPPPPPPPPPP AAAAA RRRRRRRRR IIIII SSSSSSSSS
. - - . . - . - . . . . . .
1 1 3 1 3 1 1 3 1 1 3 3 1 1 3 1 1 3 1 1 1 3 1 1 1 1 1 7 = 50
^ ^ ^
^Intra-character ^Inter-character Inter-word^
```

So 5 words-per-minute = 250 counts-per-minute / 50 counts-per-word or one count every 240 milliseconds. 13 words-per-minute is one count every ~92.3 milliseconds. This method of sending code is sometimes called "Slow Code", because at 5 wpm it sounds VERY SLOW.

The "Farnsworth" method is accomplished by sending the dits and dashes and intra-character spacing at a higher speed, then increasing the inter-character and inter-word spacing to slow the sending speed down to the desired speed. For example, to send at 5 wpm with 13 wpm characters in Farnsworth method, the dits and intra-character spacing would be 92.3 milliseconds, the dash would be 276.9 milliseconds, the inter-character spacing would be 1.443 seconds and inter-word spacing would be 3.367 seconds.

** What is the standard phonetic alphabet?
Though no standard phonetics are required on amateur radio, good operating procedures include using the standard phonetic alphabet to help communicate more clearly. The recommended phonetics are those also in use by aviation (internationally by ICAO treaty) and some militaries (in most English-speaking countries.)
alfa bravo charlie delta echo foxtrot golf hotel india juliet kilo lima mike november oscar papa quebec romeo sierra tango uniform victor whiskey x-ray yankee zulu

The numbers are spelled differently to suggest a particular pronunciation. Also, nine was changed to "niner" to avoid confusion with the German word "nein" for "no", though that change is not commonly used by Hams. (Usually you'll only hear "niner" from Hams who are also pilots.)
zero one two tree fower fife six seven eight niner

When first making contact with another Ham, it is a good idea to say callsigns in phonetics to give the other side a better chance of understanding them correctly.

See also: http://aviation.jsc.nasa.gov/alphabet.html

** I'm confused. What do all those abbreviations mean???
AM Amplitude Modulation
AMSAT Amateur Satellite Corporation [see rec.radio.amateur.space]
AMTOR Amateur Teleprinter Over Radio. A more sophisticated version of RTTY. Also used commercially as SITOR (Simplex Teleprinter Over Radio). [see rec.radio.amateur.digital.misc]
ARRL American Radio Relay League
ATV Amateur Television - a way to see who you're talking to!
CAP Civil Air Patrol is a volunteer organization that searches for downed aircraft and missing kids and uses frequencies just

outside of the ham bands and often uses modified Amateur radios
CB Citizen's Band radio, this is NOT part of Amateur Radio and
does not require any license to operate [see rec.radio.cb]
CQ An on-the-air request for a conversation with anyone
"dupes" A dupe sheet is a duplicate check sheet, in matrix format, used
to quickly check that you have not had a "duplicate" contact
with someone (on a specific band or mode) in a contest
Elmer An amateur radio mentor, or "Master Craftsman" to a new ham.
Could refer to anyone, regardless of age or gender.
FCC Federal Communications Commission, the "law enforcers"
FM Frequency Modulation
FieldDay A June activity to practice emergency communications for
24 hours....wives call it 'an exercise in male bonding' :-).
HF High Frequency - 3 MHz to 30 MHz
HT Handy-Talky, a shorthand for "hand held radio"
LF Low Frequency - 30 kHz to 3 MHz
MARS Military Affiliate Radio System, military affiliated Amateurs
who provide free communications for overseas GIs and other
Federal services. MARS operators are licensed under DoD
instead of FCC.
NTS National Traffic System, a way to send radiograms
OF Old Friend, or Old F#$%, used to denote an older ham
OM Old Man, refers to any ham, including female hams
packet computer bulletin boards/electronic mail via Amateur Radio
[see rec.radio.amateur.digital.misc]
PRB Private Radio Bureau, administers Amateur and CB services
QSO One of the Q signals used in Morse code to mean "conversation"
QCWA Quarter Century Wireless Association, membership means you've
been a ham for more than 25 years
RTTY Radio Teletype - older form of computer communications on HF
[see rec.radio.amateur.digital.misc]
SAREX In Amateur Radio talk, Shuttle Amateur Radio EXperiment, a
chance to talk to astronauts in space. In CAP talk, Search
and Rescue EXercise, practicing for the real thing.
[see rec.radio.amateur.space]
SK Silent Key, a nice polite way to say a ham has passed on "to
that great antenna farm in the sky"
SSB Single Side Band - need less band width than AM or FM
SSTV Slow Scan TeleVision - REALLY slow, low data rate, typically
used on the lower frequency bands
SWL shortwave listening [see rec.radio.shortwave]
UHF Ultra High Frequency - 300 MHz and above
ULF Ultra Low Frequency - 30 Hz to 300 Hz
VHF Very High Frequency - 30 MHz to 300 MHz
VLF Very Low Frequency - 300 Hz to 30 kHz, audio frequencies
WARC World Administrative Radio Conference, a summit meeting that
occurs every few years, required by international treaty to
determine how the spectrum get sliced up to all vying
communications services (last one was in 1992)
XYL eX-Young Lady, or wife

YL Young Lady, non-ham girlfriend or female ham
2m Shorthand for "2 meters" (144-147.995 MHz), which is a reference to the wavelength of a common Amateur frequency band used for local communications

** What do all those "tones" mean?
Sub-Audible Tone: A low tone that you're not supposed to be able to hear. It's used as a "PL Tone." PL is "Private Line", a trademark of Motorola for their implementation of CTCSS (Continuous Tone Coded Squelch System). Basically, the transmitter sends the signal with the Sub-Audible tone and the receiver only opens when it hears signals with that tone. Signals without the proper tone are ignored. This is useful for "closed" repeaters, or for repeaters on the same frequency that have overlapping geographic areas.
Tone encode refers to the feature of providing the tone on transmit.
Tone decode refers to the feature of responding to the tone on receive.
Tone squelch refers to all of the above. DTMF refers to Dual Tone Multi-Frequency, or "Touch Tone" which is a trademark of AT&T. DTSS probably means Dual Tone Squelch System and refers to the feature of providing a predefined sequence of Touch Tone digits to open the repeater for transmit. DTSS is an alternate method from CTCSS, which provides a way to use a "closed" repeater even if your radio doesn't do Sub-Audible Tones.

** Where can I learn more about Amateur Radio if I live outside the US?
First, check if there is a Ham Radio-related newsgroup specific to your country. See the country-specific newsgroups in "the rec.radio.* newsgroups" in Part II of this FAQ.

Also, write to the ARRL and ask. They can usually tell you how to get a license in your country. See also the ARRL e-mail server. (Details are in Part 2.)

If you know of any location where this information is available electronically, whether by an e-mail server, anonymous FTP, or a contact person, please mail it to us so we can include it here. Send it to hamradio-faq@amdahl.com.

** How can I get a "reciprocal license" if I am a licensed ham from another country or if I am a FCC licensed ham who wants to operate in another country (on vacation)?
Editor's note (11/92): the regulations affecting this question are being changed. Contact your local Volunteer Examiner (VE) and ask about a VE 60-day pass. More details will be included in future revisions of the FAQ.

This paragraph is soon to be obsolete:

You need to submit a FCC Form 610-A to the FCC, PO Box 1020, Gettysburg, PA 17326. They will then send you a reciprocal permit for alien amateur licensee (FCC Form 610-AL). You must be a citizen of a country with which the United States has arrangements to grant

reciprocal operating permits to visiting alien Amateur operators.

This information is still current:

For FCC licensed hams operating abroad, the following guidelines
apply:
* A reciprocal license is required in all foreign countries (that have
a reciprocal operating agreement with the US), except Canada, where
the FCC license is automatically valid.
* Send a SASE to ARRL Regulatory Information Branch, telling them
which country you are going to visit and they will send you the
info and an application form. Foreign hams can likewise request
information from their national Amateur radio society.
* Submit your application with a certified copy of your Amateur
license (ie, notarized copy), and fee if applicable (use a bank draft
of a bank that does business in that country) to the appropriate
licensing administration of the foreign country. Processing may
take 30 to 90 days.
* If less than one month, you could try sending the application and
pick up the permit upon arrival in that country.
* Most countries will not allow you to bring communications equipment
into their country without a license or permit. If you applied, but
haven't received the permit yet, show the copy and your FCC license
to the customs officer, however, the equipment may still be held at
customs until your departure.
* Be sure to use only those frequencies covered by your FCC license
which are also used in the foreign country, unless otherwise
authorized.

See also the file RECIP-OP on the ARRL e-mail server. (See Part 2.)

** My apartment or housing complex does not allow outdoor antennas, now what
do I do?
[see also rec.radio.amateur.antenna]
First of all, don't despair. Many hams have similar problems. Many
books offer advice for the growing group of hams that cannot put up
antennas. Some options are:
* Install an "invisible" antenna made of magnet wire.
* Disguise an antenna as a flag pole.
* Install an antenna in the attic.
* ASK the apartment manager. You may find they will let you put up
something as long as it "is invisible" or "doesn't disturb your
neighbors" or "doesn't attract lightning".
* Operate primarily from your car.
* If the restriction is due to local ordinance, you may have relief
via PRB-1. Meet with the local government and seek an informal
compromise. It is possible to win in court...but it's expensive and
time consuming.
* If you are restricted by "covenants" attached to the deed of your
home, your options are severely limited. Covenants are considered
to be private, voluntary contracts between individuals and are

outside of the intended application of PRB-1. In many cases, you
can petition the Homeowner's Association for an exception. Sometimes
you can win in court on the basis that other violations of the
covenants by others without action taken constitutes abandonment
of the agreement.
* For further information, contact the General Consel's office of the
ARRL, 225 Main St, Newington, CT 06111.

See also the file ANTS-INDOOR on the ARRL e-mail server.

** I got TVI...HELP!!!
Here's some hints on Television interference, but this is not a
complete list. There are also books on the subject available from
ARRL.
* If cable TV is an underground feed, look for central distribution
box. Check for a grounding rod.
* Try installing torroids on the cable TV cable close to the TV, and
maybe torroids on the AC cord as well.
* VCRs are notorious for RF leakers, try disconnecting the VCR.
* Check to see if interference is better or worse when cable is
disconnected and you use rabbit ears instead. It could be the
cable company's problem!
* Calling the cable company may get results, since they are also
responsible for RF leakage from their equipment. However, they
are very often obstinate. Good luck! Try some or all of these
suggestions before calling the cable company:
1. Log the interference, noting geographical location, frequency,
and characteristics.
2. Bring it to the cable company's attention in writing, preferably
addressed to "Chief Engineer", or "Technical Staff".
3. Don't be accusatory, instead ask for assistance in resolving
the problem. Try to work it out with someone technically
knowledgeable.
4. Do mention your "licensed radio system", but try not to be too
specific about "ham" or "CB" unless requested.
* Try moving the radio antenna further away from the TV sets. Make
sure the SWR is LOW.

See also the series of files on the ARRL e-mail server on various
aspects of electromagnetic interference. The filenames start with
"EMI-" like EMI-CATVI (cable TV), EMI-GEN (general notes on EMI),
EMI-AUDIO (interference to audio devices), etc.

** On what frequencies do JPL and GSFC retransmit the shuttle audio?
[see also rec.radio.amateur.space]
Station VHF 10m 15m 20m 40m 80m Video
WA3NAN 147.45 28.650 21.395 14.295 7.185 3.860
W6VIO 224.04 21.280 14.282 7.165
K6MF 145.585 7.165 3.840
W5RRR 146.64 28.495 21.350 14.280 7.227 3.850
W6FXN (temporarily out of service - looking for new frequency)

KA9SZX 146.88 426.25
K4GCC 146.94
WA4VME 145.17
W6TRW 145.32

All frequencies are in MHz. Use FM on VHF, USB on 10-20m, LSB on
40-80m.
WA3NAN - NASA Goddard Space Flight Center (GSFC), Greenbelt, MD
W6VIO - NASA Jet Propulsion Laboratory (JPL), Pasadena, CA
K6MF - NASA Ames Research Center (ARC), Moffett Field, CA
W5RRR - NASA Johnson Space Center, Houston, TX
W6FXN - Los Angeles, CA
KA9SZX - Champaign-Urbana, IL
K4GCC - Titusville, FL (near or at Kennedy Space Center)
WA4VME - Melbourne, FL (near or at Kennedy Space Center)
W6TRW - TRW ARC, Redondo Beach, CA (shuttle audio may be overridden
by repeater usage)

** Can I take my HT on an airplane and operate it if I get the permission
of the captain?
Technically, maybe. But don't count on it. In general, you can't use
a radio or scanner on an airline (or charter) *unless* the airline
allows it and the pilot-in-command (PIC) determines that it will not
interfere with the instruments and radios on that specific aircraft.
Very few US airlines allow passengers to use radios so be ready to
disconnect the antenna when you ask. (Don't even ask to transmit.)
For reference (in the US) the pertinent portion of the Federal Aviation
Regulations (FARs) is Part 91, paragraph 91.21.

Due to airport security, you may have a little difficulty carrying the
HT (or any electronic equipment) onto the airplane. Generally, you
can appease the security guards, simply by showing that the unit is
operational and doesn't have a bomb inside. For a radio, just turning
it on and opening the squelch satisfies them. Expect more difficulty
during periods of increased security.

On a private airplane, it is legal to operate an amateur radio if you
have the permission of the PIC. It is still possible for the radio to
interfere with the plane's navigation or communication equipment, so
be sure to ask first. Always obey the requests of the PIC. He knows
his airplane and radios better than you do.

** How do I modify my current Amateur license?
To modify your license (change of address, change of station location,
change of name, renewal, or even change of callsign), submit an FCC
Form 610 to the FCC. Forms are available from the FCC or ARRL or a
local VE session or ham radio store. Do NOT use a photocopy. Check
off the appropriate boxes, fill in the new/changed information, SIGN
THE FORM, and attach a copy of your current license (or a brief letter
of explanation for its absence, ie, "my dog ate it"). NOTE: If you
check the box to change your callsign, YOU WILL GET A NEW CALLSIGN,
even if all you wanted was to supply a new address; if you want to keep

your callsign, DON'T CHECK THAT BOX. Send the form to FCC, POB 1020, Gettysburg, PA 17326. Turnaround time (for CURRENT licensees only) is about 2-4 weeks.

ANY ham can apply for a new callsign (this is different from the past where you can only get a new callsign if you move or upgrade). You can't specify WHICH ONE you want, a new one comes from the same pool as new licensees for that class of license. The callsign is based on your mailing address. For overseas military and civilians, be sure to specify a station location that is within FCC jurisdiction.

New licenses are for 10-year terms. If you apply for renewal before its expiration date, the expired license is valid for 60 days after expiration to allow for the new license to arrive. You have up to 2 years after expiration (5 years for an old 5-year license) to renew before re-examination is required (but you can't operate with an expired license). You will lose your current callsign after 1 year after expiration if you don't renew.

For more information on FCC Form 610, see the file FCC-610-INFO on the ARRL e-mail server. (See Part 2 for details.)

** I'm confused about XXX, should I ask the FCC?
[see also rec.radio.amateur.policy]
Whatever "XXX" is in this case, the overwhelming ARRL and net opinion is a resounding "NO!", at least not as a first step. Amateurs are generally very law-abiding people and have historically written the FCC asking for clarification on some operating practice or another. This is a very dangerous practice, for several reasons.

Most amateur radio regulations (contained in Part 97) are generally very loosely-worded, so as not to restrict experimentation and new techniques. But asking the FCC for a clarification will set in motion the process of "clarifying" it for everyone (i.e. new rulemaking.)

Examples of such restrictive rulings include varying topics like when Hams can help non-profit agencies or effectively forcing packet BBS sysops to screen messages before forwarding them. They were the result of well-intentioned questions by Hams that forced the FCC to make a ruling where they previously allowed the amateur radio community to police itself.

Under all circumstances, it is better to first read the rules yourself. Then, if there's a problem, ask your national amateur radio organization (such as the ARRL in the US) which can give qualified advice about interpretation of FCC regulations. Organizations like the ARRL also have the influence to ask the FCC informally, without forcing a ruling.

Even if asking the FCC doesn't result in a restrictive ruling, it is generally a good idea to not overburden an under-staffed and under-funded government agency with a lot of correspondence. The Amateur Radio Service has traditionally been a low-workload "hands-off" service, and has enjoyed a wide latitude from the FCC. Please don't

ruin this image for your fellow amateurs.

For more discussion on how and when to contact the FCC, see the file FCC-CONTACTING on the ARRL e-mail server. (See Part 2 for details.)

** Is there any information on antique radios?
Antique radio classifieds: ARC, PO Box 802-B6, Carlisle, MA 01741 - old radios, TVs, ham equipment, 40s and 50s radios, telegraph, books, etc.
Hallicrafter Service manuals: Ardco Electronics, PO Box 95, Dept Q, Berwyn, IL 60402
Antique Wireless Association, Bruce Kelley, W2ICE, Route 3, Holcomb, NY 14469 - sponsors the Wireless Museum

** Where can I buy vacuum tubes?
Kirby, 298 West Carmel Drive, Carmel, IN 46032 (1-317-843-2212)
Antique Electronic Supply, Box 1810, Tempe, AZ 85281 (1-602-894-9503)
Fair Radio Sales, Box 1105, Lima OH 45802
Fala Electronics, Box 1376-1 Milwaukee, WI 53201
Southern Radio Supply, 1909 Tulane Ave, New Orleans, LA 70112 (10504-524-2343)

See also the file VACUUM-TUBES on the ARRL e-mail server. (See Part 2)

** What do I need to get started in packet radio?
[see also rec.radio.amateur.digital.misc]
Packet radio is a digital form of communication using radios. There are OTHER digital forms, as well, like CW, RTTY and AMTOR. To use packet radio, you'll need a radio (2 meters and 70 centimeters are most popular), a box that converts radio signals to digital signals that a computer can understand (called a TNC or terminal node controller) and a computer or terminal. For some computers or TNCs you may need special software as well. However, most TNCs and computers get along quite well with just a terminal emulator software package. Most personal computers can be interfaced to use with packet radio. Since there are many digipeaters, generally even an HT will work with packet radio.

Your first source of information on Packet Radio should be the rec.radio.amateur.digital.misc newsgroup. It has its own regularly-posted FAQ that goes into much more depth on the subject than this one can. See also the mailing list and archives info in Part 2.

For more information on packet radio, you might try TAPR (Tucson Amateur Packet Radio), PO Box 12925, Tucson, AZ 85732 (602-749-9479).

See also the files PACKET-INTRO, PACKET-NEW, and PACKET-GLOSSARY on the ARRL e-mail server or the directory /hamradio/packet on the KA6ETB e-mail HAM-server. (See Part 2.)

** What do I need to get started in satellite communications?
[see also rec.radio.amateur.space]
For more information about Amateur Satellite Communications, try

AMSAT (Radio Amateur Satellite Corporation), PO Box 27, Washington, DC 20044 (301-589-6062). They also have an international net on Sundays on 14.282 MHz at 1900Z.

ARRL publishes a book on this subject: The Satellite Experimenter's Handbook. Ham Radio stores in your area may either have it or be able to order it. Or you can order it direct from ARRL.

See also the contents of the directory /hamradio/satelite on the KA6ETB e-mail HAM-server. The ARRL e-mail server has a bibliography on satellite materials in the file SATELLITES-B.

** What is available to get started in ATV, SSTV and WEFAX?
This is a large subject area in itself. Amateur Television (ATV), Slow-scan TV (SSTV), and Weather FAX (WEFAX) all deal with transmitted pictures. (ATV includes moving pictures and audio just like your household TV.)

Equipment is available to interface to most common microcomputers including PC clones, Amigas (which are prominent in most video applications anyway), Atari ST, and others. (At last check, we didn't see Macintosh on the list.) There are also a handful of publications on the subject.

All this information is available via FTP in the /pub/ham-radio directory at ftp.cs.buffalo.edu. (See Part 2 for more information on FTP.) The file called sstv_wefax_info is maintained by John Langner WB2OSZ (johnl@avs.com).

The ARRL e-mail server contains an introduction to SSTV in the file SSTV-INFO. (See Part 2 for more information on the ARRL e-mail server.) There is a bibliography of ATV articles from QST in the file TV-B. (See Part 2 for details.)

The KA6ETB e-mail HAM-server has files on SSTV and WEFAX in the directory /hamradio/sstvfax.

Another resource is the regularly-posted UseNet Elmers Directory. The list contains a volunteer Elmer who can help with ATV, SSTV, and WEFAX questions.

** What are these contests I sometimes hear, and how do I participate?
Dozens of contests are held each year, usually at weekends, and can provide useful operating experience. They typically last for 24 or 48 hrs, and are usually on SSB or CW only (the Russian CQ-Mir contest is on both modes at the same time). You can participate by making one QSO or several thousands. In most contests you send a signal report (traditionally 59 or 599) followed by a number that is different for different contests - the most common one is a serial number (so you send 599 001 for your first QSO, then 599 002 etc). The exchange may, however, be your age (All Asian contests), your CQ or ITU zone (CQWW and IARU contests, respectively), your state (ARRL contests) or something else. Read "Contest Corral" in QST for the rules for all

major contests - the more serious contester may wish to subscribe to the National Contest Journal, or join the e-mail contest mailing group (write to Trey, WN4KKN, at garlough@tgv.com). Knowing the rules can prevent embarrassment - you will get a cool reception if you are a W or VE and call a W/VE in the ARRL contests, since they can only work non-W/VE stations. Otherwise, QSOs made in contests are just as valid for DXCC (DX Century Club - more than 100 contacts), WAS (worked all states) and other awards as are 30-minute ragchews. Although not strictly a contest, the annual Field Day provides very useful operating experience under less than optimal conditions and is highly recommended for new operators - check with your local club for their Field Day plans some weeks before the (late June) event.

For more information on contests, the ARRL e-mail server has the following files: CONTESTS-93 (as of this writing, substitute current year), CONTEST-LOGS (for contest log formats), FORM-10M (10m contest entry form), FORM-VHF (VHF contest entry form), and others.

383. callsign servers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 09:03:56 UTC
From: bildin@dorsai.org
Message-ID: <D22x6L.Atw@dorsai.org>
Source record: 253683

Dies anyone know if there is an online callsign database like the callsign.cs.buffalo.edu server that has a telnet access other than the port 2000 designation? I cannot access addresses with the 2000 suffix from this provider. Thanks and 73 de AA2TF.

384. Re: Ham Licence Plates ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 10:30:09 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-0801951130090001@kip-120.apple.com>
Source record: 253684

In article <3ek38r$i9t@fido.asd.sgi.com>, Aditya Angrish
<aditya@corp.sgi.com> wrote:

> This may have been discissed here before, but does anybody have
> any information regarding the cost of callsign licence plates
> for California.
> (DMV keeps putting me on looooonnnggggg holds)
>
> And while you're at it can someone conjure up an expansion for
> KE6PRL.
>

A few years ago when I got mine, it was a single-time charge. You have to use a DIFFERENT form than for the "environmental" plates- I think it's DMV form 441. If they try and enter your callsign into the "environmental" plate part of their computer system, you get back a message that the requested plate is invalid- the system's way of reserving ham (and aero) designations.

I got my ham plate mainly because I could read the fine print in the DMV manuals upside down better and faster than the DMV employee could right side up.

When you show up to order your ham plate, remember to bring the car it's for, and the registration, as well as a copy of your license. Patience helps. Remember: you can't push a piece of string.

73-

--

Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc * #include <disclaimer.h>
--
This Green Card .sig is here to piss off Canter and Siegel.

385. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 11:35:36 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Jan8.113536.18449@grian.cps.altadena.ca.us>
Source record: 253685

drewbob@mit.edu (Andrew C Robertson) writes:

>I look over the most-recently-issued callsigns, and I notice that the 1x3s
>are almost all gone, everywhere. The Tech surge has dried up the pond.

>When I first got into ham radio in the 70's, you had to be an Advanced
>licensee to qualify for a 1x3 call. Even the Generals had to stick to
>their 2x3s. And as I struggled (unsuccessfully) to get my Advanced, it
>wasn't the freq. privileges that urged me on, nor a tremendous interest
>in the theory (I was 13 at the time and it was really beyond me...the
>Advanced test used to be a lot harder back then) - it was that elusive
>1x3 callsign. That was the incentive. Well, I took that test 4 times
>and failed every time, and this was back when you had to go to the FCC
>field office to test, and wait a month if you failed.

HUH ? One of my best friends is W6SPK and he's been a Tech as long
as I've known him - at least since before 1968.

<SNIP>

>Now, it's too late! They're gone (almost)! No more 1x3s, their dubious
>utility as an incentive now cast into an all-consuming fire of Techs!
>I hope you all realize how lucky you are. Any 1x3, even prefixed with "N",
>is a preferred call in my mind.

I think you are mistaken as to the history of the callsign assignment
system.

>73 all de Andrew, aa1hx (formerly wb1afx)

If you really want a 1x2 or 1x3 just wait a few months. There is
a system in the works so you will be able to buy a vanity callsign.
According to my cd-rom, w6afx is not taken, if you really want the
"old-timer" badge of distinction.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

386. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 11:44:44 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan8.114444.1019@ke4zv.atl.ga.us>
Source record: 253686
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.BSD.3.91.950108005340.13290E-100000@ahcbsd1.ovnet.com> Raymundo
<raymund0@ahcbsd1.ovnet.com> writes:
>On Sun, 1 Jan 1995, Gary Coffman wrote:
[outlining a proposal for a single amateur radio license]
>
>Good grief we may as well be cber's with a license, well they used to
>kinda sorta be right.
>
>I am a general class license and don't want the rest of the freqs handed
>to me, but rather want to earn them. I started as a novice and upgraded
>to the present "CLASS" of license.
>
>I suggest you find the country that is modeled after your design and buy
>a permanet home there.....only kidding Gary. We're all entitled to our
>opinions hi.

Ray, that country was the United States of America prior to 1968.
The General class had full priviledges. It was the basic license
of most amateurs. There were some Techs, but their test was the
same as the General except for an irrelevant difference in Morse
speed testing. And there was a very limited Novice class, with a
test insufficient to ensure their legal, safe, and non-interfering
operation. I'm suggesting a return to a single basic license,
eliminating the irrelevant Morse speed test, and eliminating any
license class with insufficiently demonstrated skills to operate
legally, safely, and without causing interference to other services.
I've outlined what I think the content of that exam should be in
another message.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

387. Can anybody out there

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 14:09:00 UTC
From: clinton.peebles@salmon.islandnet.com
Message-ID: <9501081744221616@salmon.islandnet.com>
Source record: 253687

```
J>"1935 will go down in history. For the first time, a civilized nation has
J>full gun registration. Our streets will be safer, our police more efficient,
J>and the world will follow our lead into the future." - Adolf Hitler
```

Geesh... the Canadian Government has plagiarized themselves.... They're
telling us the same thing...

 QMPro 1.53 Hey! Your Trakball is upside down!

388. Lancaster, PA hamfest cancelled!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 14:10:23 UTC
From: penneys@brahms.udel.edu
Message-ID: <3eorof$o2u@brahms.udel.edu>
Source record: 253688
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

I got a note that the 1/14 hamfest in Lancaster, PA has been cancelled due to some conflict with the venue. So, don't show up!! Sri, Bob

--
Bob Penneys, WN3K Frankford Radio Club N.E.R.D.S.
Internet: penneys@brahms.udel.edu Work: Ham Radio Outlet, Delaware

389. Re: Spanish/Espanol

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 15:25:14 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3ep04q$u2a@omnifest.uwm.edu>
Source record: 253689

It might have something to do with the fact that there are more people in Argentina (and, I believe. Uruguay) of Italian stock than of Spanish origin.

73,

Rick WB9GYT
Spanish court interpreter

390. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 15:42:38 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3ep15e$fgu@gort.oit.umass.edu>
Source record: 253690

I wonder if a restricted list of calls existed in earlier days. Certainly some of the no-no calls were issued at one time.

When I first got into radio as a teenager in the 1950s, one of my inspirations was W1LID, who lived about a half mile from me and operated on 20 meter phone. I enjoyed listening in on his QSOs on an old Philco BC+SW receiver my folks had had since the late 1940's.

I heard him joking about his call, he didn't seem to mind it. As far as I know it didn't describe him at all. When I finally got my novice license one of my friends and I finally got up the courage to to go visit him. He gave us all sorts of valuable stuff, including a wonderful multi-tap modulation transformer I never could have afforded to buy new. When I finally got my general that transformer got me going on a.m.

My first call was KN1BOW/K1BOW (this was back when you could get novice and technician licenses simultaneously). I had the pleasure of meeting K1BOX at a hamfest a few years ago. He still has his original call, issued the same day in 1957 as my own.

73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu

391. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 16:11:54 UTC
From: robertc@qnet.com
Message-ID: <3ep2sa$crf@cello.qnet.com>
Source record: 253691

Greg Smith <greg.n.smith@daytonoh.ncr.com> writes:

>I'd say yes. If they freak about the minute radiation from Walk/Disk-mans,
>they really go nuts on HTs, GPS units, etc. Keep in mind that most flight
>attendants haven't a clue why electronic devices cannot be used during
>portions of the flight. They have probably been led to believe that if
>someone spins up a CD or turns on a receiver, the aircraft will go into a tail
>spin.

>I wanted to use a GPS unit on a trip to Hawaii so I could track our position
>across the ocean on a long and boring flight. The flight attendant said she'd
>take it from me if she even saw me take it out of my briefcase.

>Most laws regarding use of communication electronics on aircraft are governed
>by the FCC rather than the FAA as one might assume. Cell phone signals are
>limited on the ground by buildings, ground clutter, etc. but once at altitude,
>one phone can lock up a whole cellular network (or so I'm told). I'd assume
>an HT could do the same thing to 2m repeaters.

>Of course the airlines worrying about receivers is mostly overreaction. I
>'spose something close to the cockpit could cause a navigation problem but
>hell, the cockpit is using GPS and running tons of other equipment that's
>probably cranking out enough RF to cook potatoes. You wouldn't think they'd
>worry about someone way back in coach.

> Greg Smith
> AT&T Global Information Solutions

Yeah, but don't forget that FAA rules explicitly prohibit the use of any
transmitter during IFR operations unless the equipment has specifically
been approved by the FAA for use during IFR.

IFR is mandatory anytime above 18000 feet MSL, and since most carriers fly
IFR virtually all the time, this means no transmitting! I have a 2M rig
in my Cessna. We had to install a placard near that radio that reads:
"Not to be used during IFR flight".

As for receiving, or using Walkmans, I'm sure most of that is liability
concerns on the part of the airline. Cell phones are specifically
prohibited by the FCC from being turned on (since they transmit when your
not using them) any time the "wheels leave the ground".

Don't they still allow the use of laptops while in flight? I cant
remember, but it seems to me they do, which is real interesting. I've
seen some pretty noisy laptops, that perform better as transmitters then
they do as computers, hi.

--

| Robert Comperini, KN6EZ Packet: KN6EZ@KB6ZBI.#soca.ca.usa.na |
| Lancaster, California E-Mail: robertc@qnet.com |
---

392. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 16:42:58 UTC
From: shalmon@bgumail.bgu.ac.IL
Message-ID: <Pine.ULT.3.90a.950108184027.16858A-100000@bgumail.bgu.ac.il>
Source record: 253692

```
SUBSCRIBE DIST-HAM EMANUEL SHALMON
```

393. WANTED: G1TCH QTH PLS (no msg)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 17:29:35 UTC
From: johnw@pavilion.co.uk
Message-ID: <3ep7dv$sn5@fitzherbert.pavilion.co.uk>
Source record: 253693

TNX

394. Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 18:24:47 UTC
From: sysop@infoplus.uu.holonet.net
Message-ID: <9501081148352963@infoplus.uu.holonet.net>
Source record: 253700

```
Ham Radio CDROM with Windows based Callsign Database
----------------------------------------------------

Information Plus is pleased to offer a superb Ham Radio CDROM
featuring:

* Callsign Database with Windows, DOS, and OS/2 interfaces

* Hundreds of PC compatible Amateur Radio Programs

* Radio Modifications

* WAV files for TNC Testing

For more information send your full postal address via email
to sysop@infoplus.uu.holonet.net Subject should read HAM CDROM
```

395. Mid winter Maddness

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 18:52:23 UTC
From: jerryd@millcomm.com
Message-ID: <3epc97$b49@news.millcomm.com>
Source record: 253694

For those who are interested

14th Annual MIDWINTER MADNESS at National Sports Center, Blaine, MN. Exit #32 off 35W. Exposition 7:30 AM to 2:30 PM Saturday February 11, 1995. Admission $7.00 @ door. Super buys on computers, software, hardware, components, peripherals, amateur radio equipment. Over 30 commercial vendors; over 250 hobby market tables selling used equipment. Info: RARC, PO Box 22613, Robbinsdale, MN 55422, or tel. (612) 537-1722.

Amateur Radio Exams, Friday February 10, 1995 at 6:00 PM. Registration for exams, Dave Harrell (612) 459-8678

If you have any questions call the Hotline at (612) 537-1722 or leave me E-mail.

--
****
= jerryd@millcomm.com * n0fwg@tdkt.mn.org = Lost in the world of *
* Jerry Dorf, N0FWG = 45.11.24 N * Telecommunications? *
= Buffalo MN * 93.51.54 W = Internet, Usenet! *
****

396. Ohio/Penn DX Bulletin #189

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 18:56:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.189.1995@ampr.org>
Source record: 253701
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.189
Ohio/Penn DX Bulletin No. 189

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 189
BID: $OPDX.189
January 9, "1995" (Got it right this week! hihihi..)
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, ARRL DX Bulletin, AD1C, WB2RAJ, K4CEF & Southeastern Cluster Group, KE4LWT, WA6IZT, ON6TT, SM3CVM, VS6WV, DF4RD and DL7VEE the DXNL for the following DX information.

4U50UN, UNITED NATIONS HQ. The station 4U1UN will be signing 4U50UN throughout the whole year of 1995 to celebrate the 50th anniversary of the United Nations which was established in 1945. 4U50UN was heard on January 1st on 30 meters around 2045z, 7009 kHz around 2200z and 3787 kHz around 2315z. QSL "ONLY" to W8CZN or WB8LFO.

5A, LIBYA. European PacketClusters have reported activity from a station signing F5HV/5A or 5A/F5HV/M. The operator Jacques was reported active on 14120 and 14140 khz. There has been some indication that this station may be part of a support team for a rally. This station also indicated that he would be active soon from 3V-land (WFWL!) QSL via F5PFP.

7S3OWG, SPECIAL EVENT STATION IN SWEDEN. Just a reminder to begin looking for this station, which is trying to promote Sweden as a possible candidate to hold the Olympic Winter Games in the year of 2002. Activity will be January 1st until June 16th. The station located in Ostersund will mainly be active on CW but there will be some activity on the other modes and some participation in major contests. QSL via SM3CVM or bureau.

A3, TONGA. Paul, KK6H, continues to be active as A35RK until February 7th. Most of his operations are on CW between 160-30 meters, but he has been heard on 15 meters. Paul was heard this past week on 40 meters CW around 0700z and again at 1130z. QSL via KK6H.

BV, TAIWAN. Gregg, WA6IZT, will be operational as BV/WA6IZT from January 14-17th. He will mainly be concentrating on the low bands and CW. He will attempt to be active each day from 1100 to 1500z to work North America. Operating frequencies will be 3005, 7005, 14005 kHz (+/- QRM). QSL to his home call CBA 94 or later.

HQ, CAYOS COCHINOS, HONDURAS (NA-160). A few Hondurran operators will be active from here as HQ6DX, starting around 1400z January 13th to 1400 or 1500z January 15th. This island is located in the Cortes/Atlantida Department Group. The operators will have 2-3 stations active on the usual IOTA frequencies. QSL via HR2JPQ.

HV, VATICAN. Brother Edward, W9SI/OA4SS, will be active from the Vatican City between January and March. It was mentioned that he will possibly use or be active with the callsign HV3SJ. His work as a an interpreter may limit his activities, but look for him between Monday and Friday from 1400-1530z and 1930-2300z. On Saturdays, look for him from 1400-1830z and 1930-2230z, and on Sundays from 0800-1130z, 1430-1830z and 1930-2230z. QSL via I0DUD.

OJ0, MARKET REEF. Just a reminder that Pete, N0AFW, will probably be visiting here if transportation can be arranged and the weather can cooperate. Pete will sign as OJ0/N0AFW for a few days between January 10-15th. He plans to operate mainly on the WARC bands and lower bands.

ST0K AND ST2AA QSL CARDS UPDATE. Dick, WB2RAJ, QSL Manager for these two stations, reports he has only received the logs for ST0K for the period of October 26, 1993 through December 5, 1993. He has not received any logs for ST0K for 1994, nor has he received any logs for ST2AA whatsoever. Dick states Lou (ST2AA) has promised to send the logs and has given him the "OK" to have the QSL cards printed. The cards will be printed by early February, and Dick will start sending out the cards for ST0K from the logs that he does have. Dick appreciates everyone's patience especially from those who have sent for card requests and he hopes Lou will send the other logs soon.

T31, CENTRAL KIRIBATI. Nobert/DF6FK and Judith/DL2ZAD signing T31BB and T31BA, respectively, will be finishing up their stay on Canton Island, January 15th. There have not been very many QSNs reported on these two, but T31BB was heard 3803 kHz around 1307z. QSL via CBA or bureau.

TG, GUATEMALA. Jack, KE4LWT, will be operating from here starting sometime in late Janaury or early February through the middle of June. He has not received his callsign from TG authority yet. Jack will primarily be active in the evening between 0000-0600z in the U.S. Novice Sub-bands (especially 80 and 40 meters).

VP8, SOUTH GEORGIA ISLAND. Al (WA3YVN), Jan (WA4VQD) and Vince (K5VT) are now active from Grytviken as VP8SGP. Activity will last until January 20th. The team will operate on all bands with an emphasis on CW and the lower bands. Suggested frequencies:
CW - 1826, 3522 (3504 for EU), 7022 (7004 for EU), 10104, 14024, 18074, 21024, 24894 and 28024 kHz
SSB - 1845, 3785, 7065, 14195, 18145, 21295, 24945 and 28475 kHz
RTTY- 3580, 7040, 14080, 21080 and 28080 kHz
QSLs will be handled by W4FRU, INDEXA, POB 5127, Suffolk, VA 23435.

VS6, HONG KONG. Mike, VS6WV, reports he has antennas up for 80/160 meters. He suggests that 3506 and 1829-32 kHz are good frequencies for him to listen to, and he is usually on 80 meters around 1130z onward. Schedules are possible by sending a message to Mike's InterNet address: mrvestal@hk.super.net

ZK1, NORTH & SOUTH COOK ISLANDS. Joe, DL7VTK, will be active from Penrhyn Atoll (North Cook) from February 11-25th. At the present, his callsign is unknown and there is a possibility he will be accompanied Ron, DL7VDX and Juergen, DL7UVO. Activity will be on all bands from 160-10 meters which will include WARC bands. They will be active mostly on CW, but also some SSB. For CW, check 10 kHz up from the bottom of the band's edge. There is a chance that they may be active for three day from Rarotonga (South Cook) after their stay on Penrhyn. QSL via DL3BUM or bureau.

OPDX MAILING LIST. Just a reminder! The OPDX Bulletin can be received via InterNet E-Mail (not Packet mail). Send an InterNet message to:
opdx-request@nshore.org
and on the "Subject:" line put the word "subscribe". No text is needed in the body of the message but if you want to write something, it is all right (I read them all!).

KEEP THOSE BALLOTS COMING! Ballots for the Fourth Annual OPDX/NODXA DX Survey can be found in OPDX.184. Ballots can be sent to the following packet and online addresses listed below.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

397. OPDX/NODXA 1994 DX Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 18:58:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdxnodxa.6@ampr.org>
Source record: 253695
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB ALL @ ALLBBS $OPDXNODXA.5
OPDX/NODXA 1994 DX Survey

THE FOURTH ANNUAL OPDX/NODXA DX SURVEY FOR 1994
Here is your chance to be counted. Deadline will be January 31, 1995,
with results in February. The questions of the survey will deal with:

1) The DXer of the year. This is a DXer who you thought was outstanding
in operating and handling the pile-ups from their DXpedition.
2) DXpedition of the Year (Group and Indivdual). Choose the best and most
well organized DXpedition that met the needs of the DX community.
3) The 30 Most Wanted Countries. Choose your 30 most wanted countries.
4) OPTION: Your personal comments about DXing in 1994.

Please use the ballot below. Votes will only be accepted in the
following format below.

```
---------------------------------------------------------------------
Your | DXer of the Year| DXpedition of the| DXpedition of the
Callsign | (Person) | Year by a person | Year by a group
and QTH | | |
---------------------------------------------------------------------
CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most
wanted countries. List CW and SSB modes separately.
CW - AB,CD,EF
SSB - GH,IJ
---------------------------------------------------------------------
I work: [ ] only CW [ ] only SSB [ ] both CW/SSB
---------------------------------------------------------------------
Comments on DXing in 1994: (Text Any Length)
---------------------------------------------------------------------
```

* Just Fill-in The Blanks And Send It To One Of The Three Address:
"Packet Radio" - KB8NW @ WA8BXN.OH.USA.NA
"InterNet" - DX-SURVEY@barf80.nshore.org
"PRODIGY" - DFJH48A

1994 OPDX/NODXA DX Survey

Example Ballot:

```
---------------------------------------------------------------------
| | |
| | |
---------------------------------------------------------------------
CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most
```

wanted countries. List CW and SSB modes separately.
CW -
SSB -

I work: [ ] only CW [ ] only SSB [ ] both CW/SSB

Comments: (Text Any Length)
I think DXing in 1994 was.....

/EX

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

398. DX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 19:03:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20727.7585.0NFB8B15@woodybbs.com>
Source record: 253580

TS>So now I operate a lot of 20 meters. My problem is that I am
building up DX contacts and I am not sure of what to do to get a QSL
card from them.

TS>So, is there a good book, or something else, for this information??
>I got the ARRL piece on QSL cards, but that seems to just say send
>the cards in with no comments on IRCs or green stamps.

A lot of it depends upon how badly you want the card... and how many of
the same country you're working regularly... the 'garden variety' QSO's
(the ones you make regularly) will probably QSL you via the ARRL QSL
bureau, eventually.

For the ones which are more rare, you will want to send your QSL
directly to the operator or his QSL manager.

You may elect to include IRC's (Internations Reply Coupons) to (help)
ensure a timely reply. Some operators used to include a "green stamp"
($1 bill) or two in the envelope, wrapped in carbon paper or tin foil to
discourage "candeling" of the envelope by foreign postal workers to see
if it contained "banned" currencies. Some countries forbid foreign
currencies... and some foreign postal workers just help themselves to
the envelopes containing money. IRC's are a more sure way to go,
although they often cost more in the long run.

If the station has a statewide QSL manager, you still might want to
include a buck or two. Not so much to ensure a reply, but to help the
operator defray what can mount up to me a rather large personal cash
outlay, especiallly if a DXpedition, for logistics, not to mention QSLs.

You can always SEND the majority of your QSL's thru the ARRL Outgoing
QSL Bureau. I'm not sure how they're handling QSL's to Russia right
now. Possibly someone else can comment on that. I have heard that now
you're MUCH better off if you can QSL Russian ops direct or to a
manager.

Finally, contact the ARRL Incoming QSL Bureau for your call area and ask
them to give you the specs for envelopes and postage so you can obtain
envelopes to send to the QSL bureau (plus postage) and they can start
returning incoming DX QSL's to you on a more or less regular basis. In
some instances, you can send the bureau $5 and they'll provide you with
a quantity of the desired envelopes plus use the remaining $$$ for
return postage. This is often a LOT easier than trying to locate just
the RIGHT SIZE envelope in your town and then still having to send them
to the QSL Bureau.

This is NOT the definitive reply, but at least it makes the waters a bit more murky.

73 - Tom Hammond N0SS

* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

399. rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 19:03:39 UTC
From: crosfire@crl.com
Message-ID: <3epcub$f1v@crl11.crl.com>
Source record: 253696

Folks -

I am not a ham but I have inherited a Hammarlund HQ-180A in literally perfect condition. Also includes full set of extra tubes. Anyone know what this might be worth? I may want to sell it and have had conflicting estimates. Please reply via E-mail.
Tnx.

Bill

Keywords:

400. Re: Florida Antenna Ruling

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 19:07:56 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D23p58.GI5@zeno.fit.edu>
Source record: 253697
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

drayegon@enterprise.america.com wrote:

: this issue reach the point it has.. Clearly you should have been notified
: that this case was before the courts.. If this was done and the league did
: not step in with some of it's high powered muscle before it reached this
: point. I am a little dismayed at that fact. Granted I do not know the
: particulars in this case. So this is more query than acusation. I feel

this is probably something that the League can't do a lot about directly.
from what folks in Vero tell me, we have a case of neighbors that seem
to be made for each other. there are technical problems that could be
surmounted but i've been told that might even be pointless.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

401. Need current address for

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 19:08:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.20728.7585.0NFB8B16@woodybbs.com>
Source record: 253581

DJ>In <93.19847.7585.0NFB8909@woodybbs.com>, tom.hammond@woodybbs.com (Tom
>Hammond) writes:

DJ>The ARRL Handbook describes a keyer kit (CMOS II, I think) with some
parts available from Idiom Press in Deerfield, IL. Does anyone have
a phone number for this company? If you do, would appreciate an
offline reply.

TH>'Fraid I can't help you with a phone number, but here's what I do have:
>
> (from September 1994 QST, p. 210)
>
> IDIOM Press
> Box 1025
> Geyserville CA 95441

DJ>Does anyone have current address? IL or CA?

FWIW - QST, January 1995 (still) shows the address as I originally gave
it (shown above). Can't give you anything more current that this.

Still no phone number though, sorry!

Tom Hammon---
* LAKOTA v1.4

--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

402. Re: rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 20:52:34 UTC
From: amsoft@epix.net
Message-ID: <3epjai$cjm@grape.epix.net>
Source record: 253698

> I am not a ham but I have inherited a Hammarlund HQ-180A in literally
>perfect condition. Also includes full set of extra tubes. Anyone know
>what this might be worth? I may want to sell it and have had conflicting
>estimates. Please reply via E-mail.

The problem with establishing a price on an older radio is that it is a buyers market. If a collector were serious, and your radio was in MINT condition, then it should be worth about $500-$600. However serious collectors are very picky and want the full manuals, boxes, and whatever else came with the radio for those prices. Next in line is the serious SWL (short wave listener) which I urge you to become, who would recognize this radio as one of the finer radios built in its time, as were Collins, and HRO radios. A real serious SWLer would be willing to pay $300+ for a clean HQ-180 with manuals. Next is the bargain hunter, who only has $200 to his name, and will only pay $199 or less. At the bottom of the heap is the hamfest price. I will describe in time how long it will take to sell it at a hamfest at specific asking prices.

$1 Gone before you arrived at the hamfest. Your table cost $10
$25 15 minutes because they couldn't believe it worked!
$50 10 minutes because it sounded more reliable.
$75 30 minutes because they had to look for a better deal.
$100 1 hour because a real buyer has to drink coffee first.
$150 3 hours because they just are not sure what they have to spend.
$200 Won't sell at the hamfest till the end of the day.
$250 That's what you ask for to get the $200 at the end of the day.
$300+ May take a couple of hamfests, but you will probably run into a serious collector or SWLer in that time.

Send E-mail to: amsoft@epix.net ,(Pete deVolpi, KC3TL)
Publisher of "The World of Ham Radio" Callsign CD-ROM
---

403. Re: radio.astronomy (getting started)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 20:54:23 UTC
From: Gary <garypewitt@delphi.com>
Message-ID: <Bg1apWP.garypewitt@delphi.com>
Source record: 253699

KurtN9UPZ <kurtn9upz@aol.com> writes:

>I would like to get started in radio astronomy. What basic equipment do I
>need to get started (as cheap as possible) what experiments can I start

Try rec.radio.space

404. Re: No-Code Tech operating in Canada?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 21:12:05 UTC
From: leblancm@gel.ulaval.ca
Message-ID: <3epkf5$f2v@goudron.gel.ulaval.ca>
Source record: 253702

Hi.

It souns funny that someone with a Canadian e-mail address should be
asking this question. There have been no-code amateur radio certificates
in Canada for many years.

In a nutshell, someone without code privileges can do most anything
above 144 MHz (including code!), provided the transmitter is an unmodified, commercially
bought unit. Hope this is helpful. 73.

Mario Le Blanc, VE2GTP

In article eti@nermal.cs.uoguelph.ca, dmorgan@uoguelph.ca (D Morgan) writes:
> A question:
>
> Is a US no-code tech allowed to operate in Canada? I know there are
> reciprocal operating privleges for the other classes, but obviously the
> no-code tech doesn't know code :) So, are they allowed to operate in
> Canada, or not?
>
>
> DHM.

405. Re: HTX-202 on packet ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 21:35:51 UTC
From: wcoyle@delphi.com
Message-ID: <Bky4ZyP.wcoyle@delphi.com>
Source record: 253703

Thanks, I never thought of the PLL lockup time, as I said, I'm new to packet.

Interesting discussion.
73
Bill
N3OGH

406. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 21:45:36 UTC
From: grady@netcom.com
Message-ID: <gradyD23wG0.16D@netcom.com>
Source record: 253582
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Richard A. De Castro (decastro@netcom.com) wrote:

: >For national park use - a transceiver modified to xmit in the bands
: >the rangers use. Again, life or death.

: Aside from the legal issues, which we thashed out a week or two ago, how are
: you going to get the repeater frequencies? Most frequncy books don't
: have the input frequncy or the CTCSS/DPL code, and even most of the few
: that have them don't give you the correct pairings. And, the users of the

Well if you are in far northern California (Humboldt County), you can use:

Humboldt County Sheriff (primary) Out:154.740 In:155.790 PL:162.2
CHP (Arcata) Out:42.540 In:42.240 PL:107.2
CALTRANS (Gasquet) Out:457.975 In:452.975 PL:123.0
Fish and Game (Coast District) Out:151.415 In:159.435 PL:103.5
CA Forestry (Fortuna) Out:151.250 In:159.405 PL:none
CA Parks & Rec Out:855.7375 In:810:7375 PL:D115
CA OES Out:153.755 In:154.980 PL:192.8
Six Rivers National Forest Out:168.725 In:170.125 PL:none
Commerce Dept (NOAA) Out:162.550 In:416.375 PL:none
Dept of Interior (National Park) Out:166.375 In:166.975 PL:136.5
Out:165.1625 In:164.425 PL:none
Justice Dept (FBI) Out:167.4375 In:162.7375 PL:167.9
FAA Out:172.925 In:169.325 PL:136.5
Treasury Dept (Customs) Out:165.2375 In:166.4375 PL:100.0

Do not kerchunk FBI or Treasury repeaters. It annoys the hell out of them
and might interfere with an on-going children immolation assignment.

: The best way to prepare for the woods is to learn how to be safe, including
: not doing anything stupid, always travelling in groups, and letting people
: know where you're going and when you'll be back. You can even stop and

No argument here.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

407. Re: Amateur Radio Newsline #907

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 22:46:41 UTC
From: walker_d@ix.wcc.govt.nz
Message-ID: <3epq0h$o7m@golem.wcc.govt.nz>
Source record: 253705

In Amateur Radio Newsline 907, it was incorrectly stated that
"(ORACLE) guarantees it will be active in producing evidence in
support of abolishing Morse Code testing worldwide."

ORACLE policy has never been to seek the abolition of Morse Code testing,
either in New Zealand, or World Wide.

ORACLE policy is to lobby for international regulatory change with
respect to ITU RR 2735 and the MANDATORY Morse code requirement for
operation below 30 MHz.

The following statement from ORACLE seeks to clarify its position.

ORACLE IS NOT ANTI-CW

We have had feedback indicating that ORACLE is trying to do away
with Morse Code in amateur radio. This is incorrect.

ORACLE is lobbying for a regulatory change so that there
can be a choice in the means by which candidates obtain full
qualifications. Under ORACLE policy, Morse code testing would
be maintained as one of the alternative ways of qualifying.

ORACLE recognises that some amateurs are keen on using CW and
supports their right to do so. The future of CW activity in
amateur radio will continue to be mainly in the hands of CW
interest groups. ORACLE members appreciate that the proposed
regulatory change does not affect individual preferences.

NO FREE LUNCHES EITHER

ORACLE policy takes into account the following factors:
* there are a range of interests in amateur radio, and
* this should be reflected in the subject material of the
amateur examination syllabus.

Any alternative syllabus option needs to be of similar challenge
to the standard set by the 12 WPM Morse test (or equivalent tests
within each administration).

All amateur examinations, other than the Morse test, allow for
candidates with different strengths and weaknesses in different
subjects to be able to obtain a pass if they muster sufficient
correct answers. Amateur radio is the winner for having operators
with a diversity of skills and interests.

In summary, ORACLE policies are to:
* maintain overall qualifying standards
* maintain Morse Code as an option for qualifying
* introduce alternative options to the Morse Code tests
* provide individuals with the option of being examined in depth
on certain topics within the Amateur syllabus.

We believe that ORACLE policies are balanced, inclusive and progressive.
They are not anti-CW and they are not aimed at abolishing Morse
code testing.

Anthony Cole ZL2AZJ Grahame Love ZL2TBK John Rumsey ZL2LZ
Bob Vernall ZL2CA Terry Waghorn ZL2AYY David Walker ZL2BHE

Managers of:

Organisation Requesting Alternatives by Code-Less Examinations Inc.

73
Dave ZL2BHE

408. IPS Daily Report - 08 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 23:09:40 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan8.230940.24380@ips.oz.au>
Source record: 253704
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 08/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 08 JANUARY AND FORECAST FOR 09 JANUARY - 11 JANUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 07 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 1.0E+04
Daily Electron Fluence >2 MeV: 2.6E+08 (moderate)
X-ray background: A1.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
09 Jan 10 Jan 11 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 09 Jan: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 07 Jan
Learmonth 8 2222 3222
Fredericksburg 7 7
Planetary 8 9

Observed Kp for 07 Jan: 2223 3322
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
09 Jan 15 Unsettled
10 Jan 18 Unsettled to active
11 Jan 18 Unsettled to active
COMMENT: A coronal hole is expected to increase geomagnetic activity
during interval 10-12 Jan.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Jan normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
09 Jan normal normal fair
10 Jan normal fair-normal fair
11 Jan normal fair-normal fair
COMMENT: Slight degradation in HF comms may be experienced at high lats
over next few days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
08 Jan 18 near predicted monthly values

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
09 Jan 20 10 to 15% above predicted monthly values
10 Jan 10 Near predicted monthly values
11 Jan 10 Near predicted monthly values
COMMENT: Slightly degraded HF comms conditions are expected after
today, for circuits in southern half of Australia.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

409. Duke City Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 23:28:17 UTC
From: wa5whn@mack.rt66.com
Message-ID: <3epseh$2eo@mack.rt66.com>
Source record: 253706

The Duke City Hamfest (Albuquerque, N.M.) is scheduled this year for August 19, 1995 (Saturday only) @ The New Mexico National Guard Armory, 600 Wyoming Blvd. NE, Albuquerque, New Mexico. Tables are $10.00/each, please specify whether or not You need AC Power or not (Hint: all AC Power outlets are usually taken by May, '95). Free Admission, forums given by the ARRL, T-Hunt Group & many others. VEC Exams are by pre-registration only, contact AA5MK (callbook address) about the VEC exams, limited to 50 People. Talk-in on the 147.15 MHz repeater (open, no pl) & 147.10 MHz repeater (67 Hz PL). SASE to PO Box 6552, Albuquerque, New Mexico 87197 for a flyer. No overnight camping on site. Vendor set up is after 1800 MDT, August 18th (Friday) . Only those who have sent in their money for tables will be allowed to set up, inside Friday night. Westside parking lot is reserved for the Tailgate Swapfest (No charge). Set up for that starts @ 0600 MDT on Saturday, August 19th. Doors open at 0700 MDT, August 19th, to the public. Further information can by obtained via the internet, by sending email to WA5WHN@rt66.com, subject line should read Duke City Hamfest. Remember, all table requests with checks , should be sent in by August 14, 1995.

73...Jay, WA5WHN

410. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-08 23:49:22 UTC
From: gerner@login.dknet.dk
Message-ID: <3eptm2$s89@news.dknet.dk>
Source record: 253707

```
P> ICOM "free pencil (or similiar gimmick)" giveaway. That chain of events
P> will place about 30,000 "hams" in the arena simultaneously.
P>
P> Now, take a nice, long deep breath. After you finish gagging, what are
P> you reminded of? PIG FARM! What's another name for pig? Ham.
P>
P> Any questions?
P>
Yes, what is a Hog, if not another word for (male) pig ?

I like the explanation about the word ham is borrowed from the
theater, where a ham is an actor/actris that want the light for
them selfs. So when telegraf operators came to live with morse, and
started to showoff at 20 wpm, they were called hams. Later, when
it went wireless, there were still showoffs and the name ham
stuck to them, and later still, to all.

Ham, as from the theater, is in Danish : 'frikadelle'.
Bob Hope was IMHO a 'frikadelle'.

********************
* Gerner Mortensen *
********************
gerner@login.dknet.dk
```

* Offline Orbit 0.70b *

411. Re: radio.astronomy (getting started)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 00:10:35 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan9.001035.3699@ke4zv.atl.ga.us>
Source record: 253708

In article <3en6rk$967@newsbf02.news.aol.com> kurtn9upz@aol.com (KurtN9UPZ) writes:
>I would like to get started in radio astronomy. What basic equipment do I
>need to get started (as cheap as possible) what experiments can I start
>with. My main interest is being able to dectect meteors for counts during
>showers and ultimately be able to determine the radiant. Any help and
>othier resources would be appreciated. Iam currently a no-code tec
>I have a 2meter and 10meter(I listen) can any of these radios be used ?

The best way to catch meteors is to listen for "pings" of refracted signal off the trails from a strong distant transmitter. The entire spectrum from 10 meters to 2 meters is suitable, with the smaller less dense, and more common, trails pinging at the lower end of that spectrum while more dense trails from bigger meteors will be detectable near the top of the spectrum. However, constant carriers aren't common in the ham bands. Better is to monitor the visual carrier of a distant TV transmitter. Channel 2 or 3, depending on what's not active in your area. Ideally, the transmitter will be 600-800 miles away for best results. Alternately, a FM broadcast signal can be monitored similarly, though more dense trails will be required for a good ping. You may be able to take advantage of 10 meter and 6 meter beacon transmitters, though those are usually of too low power to be very useful for this job.

You'll want a good narrow band receiver, not the wide bandwidth of an ordinary TV receiver or FM receiver, in order to catch the most pings. A scanner with a preamp can be pressed into this service, but a good communications receiver covering the frequencies of interest will be better.

To determine the radiant, you'll need a good clock, a knowledge of where your strong carrier station is located, and a moderately directional steerable antenna. The rest is just geometry.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

412. More questions from the packet "lid"

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 00:34:29 UTC
From: wcoyle@delphi.com
Message-ID: <BO-aZgN.wcoyle@delphi.com>
Source record: 253709

Hi everyone, I have a few more packet questions for all of you. I finally got my packet station up and running, and it's a lot of fun, but there are things I was looking to do, and I needed some help.

Does anyone know how to obtain information on what packet BBS's are in my area. I've checked the repeater guide, and it was little help. I primarily interested in the DX packet clusters and in networks, particularly in sending e-mail via packet to my friend who is a ham up a Penn State College. I'm located in the southern part of the state of Pa. 20 miles south of Philadelphia. My setup is a 50 watt 144/440 radio and I'm up on a hill, so my reach is really good.

TNX &73
Bill
N3OGH

413. Looking for Big Ten Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 01:26:36 UTC
From: k9iu@ezinfo.ucs.indiana.edu
Message-ID: <3eq3cc$mkr@usenet.ucs.indiana.edu>
Source record: 253710

I'm looking to collect the e-mail addresses for Big Ten university
amateur radio clubs. I also heard that the Big Ten has a weekly radio net.
Can someone tell me when and what freqency this happens.

Thanks,
Mike Basinger N9YYO
Acting Staff Advisor Indiana University Amateur Radio Club.
dbasinge@indiana.edu
--
--
K9IU: Indiana University Amateur Radio Club
Indiana Memorial Union Room 21, Bloomington, IN 47405
Phone: (812) 855-6850

414. About 6-m DX (to 9K2HA really)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 01:32:22 UTC
From: rc@itchy.ncsl.NIst.GOV
Message-ID: <9501090132.AA02130@itchy.ncsl.nist.gov>
Source record: 253711

This is an open letter to 9K2HA who posted a message saying that he has become interested in 6-meter DX, has bought a 736 and put up a 3-el beam...but seems disappointed since he's heard no DX.

I recommend the ARRL book "Beyond Line of Sight", E. Pocock, ed ISBN:087259-402-5 and various other VHF manuals from RSGB, etc.

Welcome to 6 meter DX ! The challenge of 6-m DX is FAR different from the lower frequency bands. Unlike 20-m and lower frequencies, you don't just get on 6-m and work DX..."like shooting fish in a barrel". Six meter DX is the reward for a lot of patience and an understanding of propagation indicators.

Six is something like 10 meters, but more so. In low-sunspot-number years, right now, there is no F-layer propagation on 6. When the smoothed sunspot number gets somewhat over 100, we can expect to see F-layer DX back on 6. The equivalent number for 10-m F2 is in the 50-60 range.

But don't give up! No matter what the year, sporadic-E layer propagation Es or "short skip" is the life-blood of 6-m DX. The ranges aren't world-wide, but can be interesting. Single-hop (up to about 2500 km) is quite common in the summer in temperate latitudes, with a lesser peak in the winter. two- and more hops are less common, but trans-Atlantic contacts happen each summer. The extreme (as far as I know) is about 10000 km, but very rare.

Around the Equinoxes, people less than perhaps 20-25 degrees from the magnetic Equator can work paths centered on the mag equator in the mid-evening by transequitorial (TE) scatter (sounds quite "fuzzy" some times). For example, when I was in Guadeloupe (FG) a few years ago, I worked southern South America each evening for a week, and also worked Morocco (both by TE). The magnetic Equator is well north of the geographical one in the Eastern hemisphere. TE was first well identified by Cyprus-to-South Africa contacts, every night for weeks at a time. It doesn't strongly depend on sunspot number.

Have fun on Six; monitor 50.110 SSB/CW (or maybe 50.125).
73 de Bob w3otc@amsat.org

415. Radio Nets

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 01:33:01 UTC
From: dbasinge@nickel.ucs.indiana.edu
Message-ID: <3eq3od$msf@usenet.ucs.indiana.edu>
Source record: 253712

Does anybody have a list of weekly ham radio nets? I would appreciate
any info on this.

Mike
--
D. Michael Basinger [N9YYO]
dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

416. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 02:11:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.20945.7585.0NFB8B91@woodybbs.com>
Source record: 253713

```
The following files were processed Sunday 01-08-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ARLB001.ZIP 2,218 01/04/95 - IARU fills satellite post
ARLD001.ZIP 2,926 01/05/95 - DX News
ARLP001.ZIP 2,164 ARRL Propagation Bulletin 01/06/95
BARTG025.ZIP 5,040 BARTG Bulletin 025 January, 1995
DXCCLIST.ZIP 10,481 DXCC Countries List 12/15/94
NEWS0102.ZIP 8,745 NewsLine #907 01/02/95
PART97.ZIP 35,818 FCC Part 97 Rules/Regulations - 12/20/94
PR93-85.ZIP 2,314 Reconsidration concerning message forwarding
RSGB0108.ZIP 7,785 RSGB Bulletin 01/08/95
RTDX0106.ZIP 3,198 RTTY DX Bulletin 01/06/95
--------------------------------------------------------------------------------
80,689 bytes in 10 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT008.ZIP 8,082 AmSat Bulletin #008 01/08/95
ARLK001.ZIP 3,400 ARRL Keplerian Bulletin 01/07/95
ARLS001.ZIP 2,376 01/04/95 - New Satellite planned
OBS006.ZIP 6,746 Ansat Orbital Elements #006 01/06/95
SORTNENG.ZIP 17,077 NASA 2-line filtering/checking by IT9XXS
SPC0101.ZIP 4,087 Space News 01/01/95
SPC0109.ZIP 5,279 Space News 01/09/95
STP.ZIP 138,109 Predict when satellite visible for qth
--------------------------------------------------------------------------------
185,156 bytes in 8 file(s)

HAMSWL HAM: Shortwave broadcast schedules
--------------------------------------------------------------------------------
RNZI.ZIP 6,143 Radio New Zealand SWBC Sked - 10/94 - 03/95
R_AUSSIE.ZIP 2,745 Radio Australia SWBC Sked - effective 12/26/94
SCDX2215.ZIP 6,922 Sweden Calling DX #2215
WINB.ZIP 1,516 WINB SWBC Sked
--------------------------------------------------------------------------------
17,326 bytes in 4 file(s)

HAMTRAIN HAM: Amateur radio training material and CW prog's
--------------------------------------------------------------------------------
MA.ZIP 164,558 Morse Academy V5.2a
--------------------------------------------------------------------------------
164,558 bytes in 1 file(s)
```

HAMUTIL HAM: Radio operating aids

HAMFTZ.ZIP 55,677 HamFTZ v0.2beta Ionosheric propagation predictions by
HB9HFN

55,677 bytes in 1 file(s)

TVRO TVRO: TVRO Satellite Feeds, FAQ, TVRO Listing, etc

TSN0108.ZIP 9,267 Tele Satellite News 01/08/95

9,267 bytes in 1 file(s)

Total of 512,673 in 25 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 339ea59f Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

417. Re: Mnemonic for KC7FUM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 02:20:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.25645.2099@nitelog.com>
Source record: 253714

BC>gbrown@unlinfo.unl.edu (gregory brown) writes:

BC>> Use of "cute" phonetics under conditions where
BC>> phonetics are really needed is not very effective.

BC>With certain exceptions, notably Field Day. When I was back in West
BC>Virginia, and working Field Day for the Mountaineer Amateur Radio
BC>Association(W8SP), it was amazing how often one could break a pileup by
BC>using the phonetics "Whiskey Eight Super Pickle".

BC>Ben
BC>--
BC>Ben Coleman NJ8J | "All that is not eternal is
BC>Internet: ben@nj8j.atl.ga.us or | eternally out of date."
BC> bcoleman@mindspring.com | C. S. Lewis

I have to agree with ya, Ben.

As a former "Big Time DX" I appreciated a good phonetic now and then. Looking back in my log, I recall the time that Steve KO4HC from Florida tried contact me in a pile-up on 28.302 MHz on during uncommonly cold day in February on the Big Island of Hawaii. I had just worked 16 operators in a 30 minute span and the calls were coming in too thick to separate. It gets tough to read through all that mess - everybody starts to sound the same. It all changed when Steve dropped the words, "Hot Chocolate." It was like he had just poured a cup!

Aloha+73 de Greg WH6DT greg.pool@nitelog.com

 OLX 2.1 TD Shortwave radio - turn on, tune in, fade out!

418. THE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 02:37:13 UTC
From: fisherb@ccsnet.com
Message-ID: <024224URPHREPARPHMMP@ccsnet.com>
Source record: 253723

```
Frequently I hear hams say, THE name HERE is______.
How often do you say when you meet someone (assuming your name
is Charlie), THE name HERE is Charlie? You never do that right? After
to do so is so impersonal and asinine that you would not want
to seem like a fool-then why do it on the air? Just because you
are a ham is no excuse not to be personal. Of course you could
really sound like THE jerk of the year by saying, THE first
personal here is Charlie (at least if you are not personal-you are
using the word-albeit it in an extremely impersonal way).
Also why say "here", is your name any different when you are "there?"
```

73 from we here (not there) at K1OIK where THE name are Burt.

```
--
**********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

419. TNX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 02:37:13 UTC
From: fisherb@ccsnet.com
Message-ID: <024231URPHREPARPHMMP@ccsnet.com>
Source record: 253724

How many times do I have to read messages from hams that send a "Thank You" addressed to ALL. When one seeks help and someone takes the time to respond, the least the receiver of help can do is send a simple individual reply for thanks. After all-the respondents to this call for help responded one by one. I have received up to 75 messages in a call for help and sent individual thanks to each. It was very time consuming, but it was the right thing to do.

Would you at your wedding, if you were the groom, get up at the end of the reception and yell out, "Gee, Thanks everyone for the gifts?"
If you are a T Y P I C A L ham--absolutely.

It is unlikely you will respond to this if you did not even bother to respond to someone who H E L P E D you.

• SLMR 2.1a • Time exists so that everything doesn't happen at once.

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

420. Re: AEA position opening

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 03:08:57 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D24BEy.2GI@zeno.fit.edu>
Source record: 253715

In article <2f0d7076@snoval.fidonet.org>,
Chuck Patten <cbpatten@snoval.fidonet.org> wrote:
> -=> Quoting AEA Technical Support to All <=-
>
> ATS> Advanced Electronic Applications located in Lynnwood, Wa. has an
> ATS> immediate opening for an experienced Ham Radio operator in our
> ATS> Customer Service department. Job requires heavy customer phone
> ATS> contact resolving technical problems. Applicant must have excellent
> ATS> verbal and written communications skills. Qualifications include:
> ATS> Licensed Amateur Radio operator with packet radio, DOS and Windows
> interested in your requirement that the applicant for this job
> must be a "Licensed Amateur Radio operator". With over 25 years
> of active electronics experimenting and repairing experience,
> your requirement seems a little spacious. Unless, of course, the

customer service != line technician.

they're looking for someone who can handle calls from people that can't
get the software running for the new multimode tnc they just bought..
like how come they can't get windows to run on an 8086 PC they've
had for 10 years etc.

they need a person to run the help desk that speaks the jargon.

you could always apply anyway...you might get the nod.
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

421. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 03:26:44 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D24C8K.2uI@zeno.fit.edu>
Source record: 253716

In article <Pine.BSD.3.91.950107235242.13290C-100000@ahcbsd1.ovnet.com>,
Raymundo <raymund0@ahcbsd1.ovnet.com> wrote:
>On 3 Jan 1995 William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM wrote:
>> >Most, IMO, radio amateurs are happy with the "this is a hobby"
>> >philosophy and are content to invest their time and money
>> >ONLY on their own personal stations. As far as investing time
>> >and money in linked repeater systems or packet radio nodes
>> >and backbones, they are more than willing to let someone else
>> >foot the bill. The "bill" is beyond the resources of a miniscule group
>> >of interested radio amateurs. As a result, our internetworking
>> >capabilities are truly miserable.
>>
>> In the case of amateur radio, we have a lot of people who are licensed yet
>> never get on the air. We have areas of spectrum looking for utilization yet no
>> one wants to be part of the over all group -- they just want a packet bbs to
>> use or a voice repeater without concern to how all that came to be
>>
>Sounds like a great arguement to me Bill! Do you think a national
>organization like the ARRL to name one would take on the obligation to
>upgrade our networking abilities? >

certainly the ARRL should be setting standards or at least facilitating
creation of those standards -- unfortunately, their efforts can only
work if everyone is wanting to take part and also listen...

>Personally I can't think of an another avenue to tackle the problem, but
>would the members nationwide support such an uptaking and support the
>major increase in league dues.

maybe a "sanction fee" is needed..
with half to the local assn and half to the national assn....
>
>In our little area of the Ohio Valley, we have about four clubs that help
>support the local pbbs here, but it of course is more on the open bowler
>type that you have likened them to. One particular club that I belong to
>has various funds for each activity of the club, but I cannot say that we
>have a pbbs packet radio fund, whereas we do have a repeater fund for the
>upkeep of our two club repeaters and a report is made each month in our
>national bulletin. The repeater fund receives almost adequate attention,

a similar problem exists here - although it appears the local radio club
has taken the bull by the horns and is picking up parts of the packet
infrastructure formally that were formerly the responsibility of a single
individual.

>I recently read an article that I found on packet from a fellow
>complaining about the very medium his words were printed through. His
>comments were those of your open bowlers hihi, he thought that the sysops
>were not urged by others to place their nodes and pbbs on the air waves
>and should not be there for that it was solely the sysops responsiblity
>and they should not seek help from the amateur community.

guy's probably the first to complain about the BBS being down too.
>
>Well I guess I need not explain that I for one was appalled and sent my
>thoughts as allusa. I very much appreciate our sysops and amateur
>communities that provide pbbs's, nodes, and repeaters and send all of
>them in my area contributions when I am able to do so, both through the
>club and as an individual.

that's the spirit that needs to be nurtured somehow..
>
>It would be a very costly endeavor to attempt upgrading our present pbbs
>system and could only be done through a large organization, such as the
>ARRL, but we as a fraternal organization would have to give till it hurts.

well -- one problem is running junk equipment for packet rather than
putting in good stuff that won't need constant tinkering, can handle
continuous service, etc.
>
>Could we imagine nationwide packet at 9600 baud?

sure -- TCP/IP as well.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

422. Email Callbook server

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 03:52:29 UTC
From: ablackbelt@aol.com
Message-ID: <3eqbtt$mce@newsbf02.news.aol.com>
Source record: 253717

A week or so ago I got an email address of infobot@infomania.com as
a callbook server. You are supposed to type
callsign <kd4nav>
in the body and you get email back with the results. I did this then and
it worked. I tried today and got nothing. Did I do something wrong or are
there others I can email for info?

I also tried in the body
callsign <kd4nav> ablackbelt@aol.com
to see if the list server needed the return address in the body. BTW the
callsign I typed is my own.
Any help in the matter would be greatly appreciated since I do not have
FTP on AOL.
ablackbelt@aol.com

MICHAEL RUBIN
EMAIL ABLACKBELT@AOL.COM
FAX 305 253-7220
KD4NAV
MIAMI, FLORIDA

423. Callsign server Via email?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 03:56:11 UTC
From: ablackbelt@aol.com
Message-ID: <3eqc4r$mdr@newsbf02.news.aol.com>
Source record: 253718

I guess the short version of my other post is how do you access a callsign server with email only and get the info sent back to your email address? I did this a time or two using infobot@infomania.com but cant get it to work now......help.....
ablackbelt@aol.com
MICHAEL RUBIN
EMAIL ABLACKBELT@AOL.COM
FAX 305 253-7220
KD4NAV
MIAMI, FLORIDA

424. Re: radio.astronomy (getting started)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 04:05:33 UTC
From: omar@ins.infonet.net
Message-ID: <3eqcmd$v2c@insosf1.infonet.net>
Source record: 253719

In article <3en6rk$967@newsbf02.news.aol.com>, kurtn9upz@aol.com (KurtN9UPZ) writes:
>I would like to get started in radio astronomy. What basic equipment do I
>need to get started (as cheap as possible) what experiments can I start
>with. My main interest is being able to dectect meteors for counts during
>showers and ultimately be able to determine the radiant. Any help and
>othier resources would be appreciated. Iam currently a no-code tec
>I have a 2meter and 10meter(I listen) can any of these radios be used ?

I don't know if it is still in print or not but TAB Books published a book
called "Radio Astronomy for the Amateur" that was written by Dave Heiserman.
It is probably just what your looking as it has chapters on building everything
from scratch and it explains all the math as well. Good luck!

73 de KA9GSC, Mike Benedict

425. Re: HAM, ham, HaM, whate

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 04:23:23 UTC
From: mario@ccsnet.com
Message-ID: <017854AFKCQYEQEUYNPO@ccsnet.com>
Source record: 253721

```
*A>I guess all this typing keeps people off the streets and out of
*A>the bars, but does anyone else think ham, HAM, amateur, etc
*A>matter about as much as the number of angels that can dance on the
*A>head of a pin?
*A>
*A>rw
*A>NE0R
*A>

Priorities.....priorities......priorities!

Mario - N1SGN - mario@ccsnet.com
---
* UniQWK v3.3a* The Solution for Multilingual Messages

--
*********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

426. THE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 04:23:24 UTC
From: mario@ccsnet.com
Message-ID: <017860LWNUKJFHAQUHBD@ccsnet.com>
Source record: 253722

**,

*A> Frequently I hear hams say, THE name HERE is_____.
*A>How often do you say when you meet someone (assuming your name
*A>is Charlie), THE name HERE is Charlie? You never do that right? After
*A>to do so is so impersonal and asinine that you would not want
*A>to seem like a fool-then why do it on the air? Just because you
*A>are a ham is no excuse not to be personal. Of course you could
*A>really sound like THE jerk of the year by saying, THE first
*A>personal here is Charlie (at least if you are not personal-you are
*A>using the word-albeit it in an extremely impersonal way).
*A>Also why say "here", is your name any different when you are "there?"
*A>
*A>73 from we here (not there) at K1OIK where THE name are Burt.

And in addition:
The ham who is in a mobile all alone and says:
"WE are on OUR way to......."

And:
The hams who say, after getting no reply from a call:
"No response, X1XXX" or
"Nothing heard, X1XXX"
?????????
Maybe this is for the benefit of those with defective radios who didn't
realize that nobody answered him.............

I now return this forum to normal amateur use...........

But before that I'll let you 'tie the ribbons on it', see ya 'down the log'
(VOMIT)

Mario Mere' - N1SGN - mario@ccsnet.com

---
* UniQWK v3.3a* The Windows Mail Reader

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

427. Old Heathkit equipment?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 04:32:47 UTC
From: pascalamb@aol.com
Message-ID: <3eqe9f$ms4@newsbf02.news.aol.com>
Source record: 253720

I was wondering if there's any market for vintage amateur radio equipment -- specifically Heathkit equipment from the early 1960s. My father, an ham radio operator who was inactive for some years, recently passed away and we'd like to sell or donate the equipment. Any information or advice would be appreciated. Thanks.

428. Re: THE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 04:47:27 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3eqf4v$ed3@crcnis3.unl.edu>
Source record: 253725

My favorites of all time was overheard in a QSO on 20 M:

"...and we just had our gall bladder out..."

Now THAT is an interesting mental image...talk about rolling on the floor!

Greg WB0RTK

429. Testing In Philly

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 05:26:49 UTC
From: st91ndpj@dunx1.ocs.drexel.edu
Message-ID: <3eqhep$d25@noc2.drexel.edu>
Source record: 253726

Hi, my roommate and I are interested in testing for our Novice/Technician liscences and I was wondering if anyone knew when the next testing in Philadelphia would be, and where.

Thanks

DAve

430. Re: Long dahs using MFJ 407C keyer

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 06:56:31 UTC
From: John Shuster <shuster5647@delphi.com>
Message-ID: <ZEzb5EP.shuster5647@delphi.com>
Source record: 253727

David Jenkins <djenkins@jetson.uh.edu> writes:

>Every once in awhile (maybe 5 times one evening, maybe not at all for an
>evening or two) I will be merrily sending code along in auto mode, and I
>will get an extra long dah--about 2-3 times longer than it should be.

I have an MFJ, top of the line, model 493 and every once in a while that happens to me too when I'm sending at a slower rate for another ham. I usually don't send at the slow rate, so it doesn't bother me as much.

I have heard that trying to call MFJ is next to impossible because of the busy signal that you constantly get.

John In Seattle, KC7CKP

431. Re: Radio Nets

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 06:58:29 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3eqmql$t0f@ixnews3.ix.netcom.com>
Source record: 253578

In <3eq3od$msf@usenet.ucs.indiana.edu> dbasinge@nickel.ucs.indiana.edu (Mike Basinger) writes:

>Does anybody have a list of weekly ham radio nets? I would appreciate >any info on this.

Near the back of the December 1994 issue of "QST", "AARL Publications Catalog, Handy References":
The ARRL Net Directory "lists hundreds of Amateur Radio nets of interest to. . ." product #4262, price $2.00 (free shipping)

Arthur, N1NHZ, Boston Amateur Radio Club

432. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 08:47:40 UTC
From: Tony Stalls <rstalls@access4.digex.net>
Message-ID: <Pine.SUN.3.91.950109023631.16997C-100000@access4.digex.net>
Source record: 253579
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Sun, 8 Jan 1995, Gary Coffman wrote:

> Ray, that country was the United States of America prior to 1968.
> The General class had full priviledges. It was the basic license
> of most amateurs. There were some Techs, but their test was the
> *same* as the General except for an irrelevant difference in Morse
> speed testing. And there was a very limited Novice class, with a
> test insufficient to ensure their legal, safe, and non-interfering
> operation.

Gary,

From your old "WA4" call sign, it would appear that you've been licensed long enough to remember the Novice Class prior to the FCC's so-called Novice Enhancement, so I don't understand why you would bash it. First of all, except for limited 2 meter AM, operation was restricted to 80, 40, and 15 meter CW within specific bands (as it is now), with crystal control and DC plate input power limited to 75 watts. Those restrictions pretty well insured "legal, safe, and non-interfering operation." I also disagree that the test content was not adequate; don't forget, that was prior to the "question pool" memorization days. Beyond that, the Novice Class license term was one year and it was not renewable, so everybody was busy from day one enhancing their technical skills in preparation for their General Class exams. Passing them required doing such outrageous things as actually knowing regulations and theory and drawing circuit diagrams with component values. (Code speed came up virtually automatically by just being active.)

The Technician Class license was administered by any General Class amateur and the General was administered at an examination point by the FCC. You can guess why so many Technician Licensees cursed the code and ended up on 6 meter AM, the 1950's equivalent of 2 meter repeaters.

If Technicians upgraded to General, they not only had to pass the 13 wpm code test, they also had to take the theory examination again. The FCC didn't recognize the volunteer examiner having administered the written test for the upgrade. There were also random reexaminations given to Technician licensees, but if someone was called into the FCC for that, then they only had to pass the 13 wpm FCC administered code test to upgrade.

I very definitely was a lot tougher, but as with anything else, you get back what you put into it. Particularly since radio was my hobby and not my profession, I felt that I had accomplished something. I also felt pretty good when, just for fun, I got that First Class Radiotelephone

certificate too.

The Extra Class amateur license test was more difficult by the way. It was reputed to be the toughest exam the Commission gave. Lots of us had General Class amateur tickets and various commercial licenses, but nobody in my circle of friends had an Extra. (I passed the code and failed the theory the single time I took it in 1957.)

> I'm suggesting a return to a single basic license, eliminating the
> irrelevant Morse speed test, and eliminating any license class with
> insufficiently demonstrated skills to operate legally, safely, and without
> causing interference to other services. I've outlined what I think the
> content of that exam should be in another message.

"Irrelevant" is your opinion and as we've discussed before, a lot of us disagree with that perspective. The examination elements cover virtually all aspects of the hobby and some might be termed "irrelevant" with as much correctness as you've used for the code. Everything in the exams that doesn't interest me or that I don't intend using on the air is irrelevant, but I learn it anyway if I expect to pass the test. You might have the technical comptetnce to come up with a way to "phone home to ET", but like it or not, if you want an Extra Class ticket, you're going to have to pass the 20 wpm code test.

Your proposal sounds similar to what the ORACLE group down in New Zealand wants. They are lobbying for testing only those things that the license applicant feels are relevant to them and suggest such things as (this is a quote) "keyboard skills". Can they mean taking typing tests to get an amateur radio licnese?

I support restoring the principle where having advanced copies of tests or question pools constitutes cheating and disallowing VEC's having any control over test content. There was also nothing wrong with the licensing structure and associated privileges that existed before the "Novice Enhancement."

73,

Tony
K4KYO

433. Re: 6M DXING

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 09:16:37 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3equtl$q79@info4.rus.uni-stuttgart.de>
Source record: 253583

In article <m0rQbup-0002oJC@access.ods.gulfnet.kw>,
Faisal A. Al-Mutairi <collins@access.ods.gulfnet.kw> wrote:
>I am very interested in 6m dxing in the last month i bought
>icom-736 and 3 element yagi i been listening to 6m band but
>nothing there no activety the band very quite.

6m openings are now few and far inbetween.
yesterday there was one over here, it lasted about 1/2 hour
and I only saw the reports in the cluster.

Best bet is to find a list of beacons within 2000 miles of your QTH
and have your set scanning them. You might ba lucky to catch an
opening. Else by May/June they will be nice and regular.

CU on 6 (in a few years of via multiple hop sp-E)

73, Moritz DL5UH

434. Re: Spanish/Espanol

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 10:33:22 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3er3di$2io@info4.rus.uni-stuttgart.de>
Source record: 253584

>Yes and you radio fan and pubic hair, tender scraps of pullet
>
>Did anyone translate the rest?

I always thought this here was a news group on amateur radio and not
on racism.

435. Ham Licence Plates ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 11:38:35 UTC
From: goodwin@kaiwan009.kaiwan.com
Message-ID: <3er77r$abe@kaiwan009.kaiwan.com>
Source record: 253585

a> Path: kaiwan.kaiwan.com!acsc.com!news.trw.com!elroy.jpl.nasa.gov!lll-winken.llnl.gov!en
ews.sgi.com!fido.asd.sgi.com!news
a> From: Aditya Angrish <aditya@corp.sgi.com>
a> Newsgroups: rec.radio.amateur.misc
a> Subject: Ham Licence Plates ???
a> Date: 6 Jan 1995 18:47:55 GMT
a> Organization: Silicon Graphics Inc., Mountain View, CA
a> Lines: 11
a> Message-ID: <3ek38r$i9t@fido.asd.sgi.com>
a> NNTP-Posting-Host: films.corp.sgi.com
a> Xref: kaiwan.kaiwan.com rec.radio.amateur.misc:72595

a> This may have been discissed here before, but does anybody have
a> any information regarding the cost of callsign licence plates
a> for California.
a> (DMV keeps putting me on looooonnnggggg holds)

It's been a few years, but I believe the fee is $21, with no annual
renewal charges. You'll have a hard time finding someone at the DMV
who has even heard of callsign plates, but be persistent. The person
"helping" me insisted that I was simply requesting a "vanity plate" and
was prepared to proceed along those lines. I dug my heels in, and
eventually they found someone who knew what I was talking about. She
produced the proper form, and all was well.

a> And while you're at it can someone conjure up an expansion for
a> KE6PRL.

How about "Proud Radio Licensee."

a> 73
a> Aditya, KE6PRL

73 de Larry, KC6WOG

• SPEED 1.30 •

436. Need help adjusting a 2M crystal rig.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 13:12:41 UTC
From: cropley@cbnews.cb.att.com
Message-ID: <D253D5.4oD@nntpa.cb.att.com>
Source record: 253586

Netters,

I have a TAD AL-165 that was formerly used on 151.625. I have purchased
the correct crystals for this rig for 2 meter operation, however my
freq. counter senses nothing when using the new crystals. Apparently,
the 4 MHz difference is more significant than I first thought. I was told by
a service company that they would/could tune down the rig for the small
price of $35, however if all they are going to do is adjust a few caps/pots
then I'd like to take a crack at it myself first. Anyone ever done this
kind of radio adjustments?? Looking for any pieces of info I can get.
I don't have a scope, but have a freq. counter.

Thanks,
Andy Cropley - N2ZAM

437. Costa Rica communication chain needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 13:20:18 UTC
From: gautier@cam.org
Message-ID: <3erdfq$bmu@Tandem.CAM.ORG>
Source record: 253587

I need to find a convenient way to send message (ideally e-mail or fax) to my relatives who are spending the winter in Costa Rica. The telephone system is not very reliable and we can't easily send faxes down there. I was thinking that maybe an Internet correspondent in combination with the Radio amateur community might be able to bridge the gap.

My relatives are located in Parrita, which is located South West of San Jose, on the Pacific Ocean sea shore.

Any help would be appreciated.

Thanks.

438. VK2WI Weekly News, 8th January, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 13:21:31 UTC
From: dave@eram.esi.com.au
Message-ID: <3erd8r$3l5@eram.esi.com.au>
Source record: 253588
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

VK2 DIV. PRESIDENT'S MESSAGE

This is Michael Corbin, VK2PFQ.

First things first....Happy New Year to everyone from the N.S.W. Division of the W.I.A. I hope everyone had a wonderful Christmas and enjoyed the break. To those of you who are still on holidays.... half your luck!

You will recall that on my last address before Christmas on the 16th December, 1994, I released details of proposed increases to Amateur Radio Licence fees. The response was overwhelming. I hope that by now MOST of you have written to your Local Federal Member. If you have not done so, because of lack of information, as to who is your Federal Member, then there are several ways in which you can gain this information.

The easiest way would be to ring your Local Council Office, they always know whose who, as they are constantly in touch with Members State and Federal alike. This is a Federal matter so contact should be made with Federal Members only, not forgetting of course Federal Senators. If you are fortunate to have a member who is a member of the Communications Committee, then you are doubly lucky, as it is this Committee which makes recommendations on these matters. If your representative happens to be a Member of the ALP caucus, well again this will add impact to your approach. This is the group which make ALL and I mean ALL the decisions regarding the running of our Country. Another way that you can obtain the information is to ring the Parramatta Office which has a list available. You will need to know your Electorate. Finally if you have access to Packet Radio a complete list of the names and address of all Members will be available sometime tomorrow as an Appendix to the text of this week's Broadcast.

If you are able, write a letter which is your own work. Form letters are wonderful if that's all you can manage, but the most effective letters are those written by individuals. Avoid verbose, rambling letters. They are simply NOT read. Concise, short and to the point is the order of the day. As most of you are aware, I am in Local Government and have been for nearly 15 years. From time to time issues arise which galvanise sections of the Community into action. Usually someone masterminds a "mass produced" letter, which EVERYONE sends. Lets examine this for a moment from the receiving end of these letters.

Politicians receive lots and lots and lots of mail. This mail is, in the main opened by secretaries not in my case I hasten to add. The result is that when the member deals with his or her correspondence, they are told something like .....Oh yeah, we had another 20 of those mass produced letters about that Amateur Radio business, but there were two different ones this time....The chances are... these two will be read....the others will only be recorded as... having been received. Oh! and about petitions. These are, at this level, not worth the paper they are written on. They are of nuisance value only. They are read in Parliament, usually when no-one is around, recorded and filed in the basement. Don't waste your time getting one of these together. Individual letters are the key....and the more the merrier. Federal Politicians have got to be made aware that there are around 17,000 plus Amateur Radio Licensees. This represents at least 34,000 votes and these 34,000 voters have families and friends etc. etc.....need I go on?

Having said all the above I wish now to place before you the following information, which I find most disturbing. An appropriate title could be perhaps...."Don't tell me there is still a nigger in the W.I.A. woodpile." (I don't suppose your allowed to say that thesedays.) Anyhow, why don't I supply you with a few facts and let you be the judge.

I have been sent a Press Release which I will read exactly as it was written. I have added some appropriate comments.

"FOR DIVISIONAL BROADCASTS, JANUARY
WIA Federal, 5th January,1995
From WIA Federal President, Neil Penfold VK6NE...And I quote...

WIA ACTION ON PROPOSED NEW AMATEUR LICENCE FEES

Since the SMA explained the proposed new amateur licence fees to us early in December and we arranged to distribute the information as rapidly as possible through the various means at our disposal, the WIA has not been idle.

But before outlining developments, I should dispel some erroneous concerns that many amateurs have raised.

The proposed new fees were revealed to the WIA's SMA Liaison team FOR THE FIRST TIME on December 5th. (comment: The editor of this letter used CAPITAL LETTERS for the words "For the first time"...would this be necessary if he was not trying to hide something??? This is in fact NOT TRUE, there were 4 meetings in all with the SMA at which "special presentations" were made, regarding possible increases in licence fees. The December 4th meeting was the last of these meetings. AT NO TIME was the VK2 Division made aware, nor can we gather was any other Division, that increases were proposed or that submissions could be made against such increases.)....to continue "The information was embargoed from public release by the SMA until December 14th when they put full licence pricing policy details before representatives of all the other spectrum users at a meeting of the Radio

Consultative Council in Sydney.

Text for the insert which appeared in your January issue of Amateur Radio was finalised on the morning of December 14th, and flown to Melbourne to be printed and inserted in the magazine the following day.

On December 15th, the text of that insert was issued to the packet radio network." (Again I comment: One wonders why the Federal Body of the W.I.A., I stress the Federal Body of the W.I.A. made this information available to an individual for dissemination on Packet Radio, when the individual concerned was present at the Foundation (?) meeting of a Group of dissidents. Is Federal a member of this group or are members of the Federal W.I.A. associated with this group? This is a question which should be answered. The problem is, is that when any mention is made of this Subject.....Yeah you guessed it ...You get a solicitor's letter. You'll recall that I got one of these just before Christmas). To continue with the text of the letter.......

The WIA's SMA Liaison team and the Federal Council have been monitoring reaction and formulating plans to put a well-argued response to the Spectrum Management Agency." (comment : WHO on the Federal SMA Liaison Team and WHAT members of Federal Council? Well I'll tell you, who they were NEIL PENFOLD and ROGER HARRISON.....that's all, nobody else!!!! That's scandalous...). To continue and I quote

"It should come as no surprise that, fundamentally, the WIA is opposed to a number of aspects of the proposed new fees, in particular, the Spectrum Access Tax.

As a result of discussions within WIA Federal," (comment : With whom Mr. Penfold? Not with VK2 or VK3 or any other Division we can gather. I ask again... With whom Mr. Penfold - Oh of course, you consulted with Mr. Harrison the Media Liaison Officer (sic)....) UGH!! to continue "on December 30th I authorised a press release to be issued to the media so that, hopefully, the licence fee issue could be more widely disseminated, particularly with a view to reaching non-members of the WIA and other interested people and groups." (comment: GROUPS, yes groups indeed.... our funny friends get another mention. Yeah that's that group nobody will admit to belonging to..... It was a little late don't you think and WHY Mr. Penfold, were these press releases only released in Victoria and WHY Mr. Penfold were they in the name of Roger Harrison as Vice President and not you as President Sir? I wonder did you even see them? To continue.....

"Fortunately, it caught the attention of the media, receiving national coverage on radio and television on Tuesday, January 3rd, a story and picture on Page 3 of The Age newspaper the same day, and subsequently on a number of Victorian radio stations, as well as stories in metropolitan and regional newspapers.

As I said, the WIA is monitoring reactions to the proposed licence fees and to say the response has been overwhelming would be an understatement. It has been most welcome.

The WIA plans to put the strongest possible case to the SMA, reflecting the views of members and non-members alike, but there has been only a short time since the information was made available and there is only a short time frame in which we can negotiate before the deadline of March 1st.

It should be obvious that only reasoned argument will win the day and the WIA aims to take that course in developing a case to negotiate with the SMA.

On behalf of the WIA, and the amateur fraternity at large, I would like to thank all those who have taken the time and made the effort to put their views.

Neil Penfold VK6NE, WIA Federal President."

(Comment: Oh yes and there was a note on the bottom which read......

"NOTE

There may be late additions or variations to this item " (Comment: What does this mean? Could this whole release be withdrawn?)...or has it? even as I speak..to continue .... "contact Federal Media Liaison Officer (sic), Roger Harrison VK2ZRH"

Well listeners there you have it. Further comments are now appropriate....

As I have stated earlier on, there have been FOUR yes FOUR meetings between the W.I.A. SMA Federal Liaison Committee and the S.M.A. At ALL of these meetings presentations were made to the W.I.A. regarding an increase in fees. The Federal W.I.A. had time to do something about this increase. What did it do?.... answer... NOTHING!!!!!.....not only did it sit on it's hands but it failed to bring it to the notice of the various State delegates. This Division was neither advised of any increases nor was it invited to comment on reasons why any such increase should be tolerated. Where were the Media Releases by Mr Harrison to ALL Divisions regarding this matter??? There were NONE. The question is WHY? What was Mr. Harrison doing. What was his motives for doing....NOTHING???

The final submission was made at the December meeting. You'll recall that the SMA was reported as saying at that meeting quote, "The SMA view is that amateurs had been given ---a pretty good deal!" A little Dickie Bird told me that the W.I.A. Federal agreed with this and undertook to.....SELL IT to the Amateur Radio Fraternity .....Dear oh dear oh dear! Some salesmanship. Without saying anything to the SMA or our Federal Delegates the Federal W.I.A. "DUO" prepared their now famous Press Release.....with the result that relationships with the SMA are at their lowest ebb ever! Instead of rational debate within the framework of the Liaison Committee, set up for this very purpose, Individuals have gone out and done it THEIR WAY.... I stress the word Individuals, as it was only two people on the Federal Body, who decided that such a Press Release should be prepared, NOT the people who were elected to the Federal Council by each Division.

This is the most offensive thing regarding this whole business. If you consult page 2 of the latest AR Magazine, you will see a list of the members of the Federal Council. To save you looking it up, I'll read them for you.....

President Neil Penfold VK6NE
Federal Councillors
Richard Jenkins VK1RJ Peter Kloppenburg VK2CPK
Alan Noble VK3BBM Ross Marren VK4AMJ
Bill Wardrop VK5AWM Bruce Hedland-Thomas VK6OO
Jim Forsyth VK7FJ

Now, the Federal President under the current M. & A's does not have a vote. The Federal Media Liaison Officer (sic) definitely does not has no vote. So the question is......who is making the decisions that affect this Institute of ours.....Answer... People who have no voting rights within the organisation, which raises another question, Why is it so? This Division removed Roger Harrison from the Position of Federal Councillor as "He no longer had the confidence of the Council of this Division." The Federal President and some of his Council, for reasons best known to themselves, chose not to remove Mr. Harrison from the positions he held within that organisation. The rest is history. A copy of this Broadcast will be sent to all Divisional Presidents together with a covering letter, suggesting they review the activities of their Federal Councillors. This Division believes that some of these Federal people have been there far too long and have grown stale and complacent....You know some of them have been there for TWENTY YEARS!!! The W.I.A. needs vital, interested people with new ideas and a commitment to fight for the rights of the Amateur. Federal should not be treated as a "junket". I give you this undertaking, that as long as I'm on this Council, the Federal organisation will be kept on their toes dancing to the tune of the members... NOT their own!...Or those of people with Hidden Agendas.

The purpose of my strong views on this subject is that there is a move afoot to discredit the W.I.A. as a whole. Not the least of which is that "ratbag" mob of the dissidents of yesteryear....you know... the mob that meets in phone boxes around the Newcastle area. This Division has investigated this to the best of our ability and have discovered what I have stated above. This W.I.A. of ours has been in existence since 1910. Your Council will not stand by and see it destroyed. If there are to be further negotiations with the SMA, then it SHOULD NOT BE with the involvement of the same group which has dealt with them in the past. It is to this end that I will contact other Divisional Presidents and request that the appointments of their Divisional representatives at Federal level be reviewed. Members want decision makers not seat warmers.

You'll recall that I mentioned on my last Broadcast for 1994 that C.B. operators had been granted a "Class Licence".. Would it interest you to know that such a licence had been offered to

the W.I.A. ......Yes, you heard it right......such a licence was offered to the W.I.A. They did not avail themselves of the opportunity. Hmmmmmmmmm!! Makes you wonder doesn't it!

In order to alert you to further strange goings on, could I again direct your attention to the latest AR Magazine, Page 1 this time ....There is a position called....Publishers Nominee. AR records that this position is held by one Bill Wardrop VK5AWM. Well it seems that this person has resigned from this position. Guess what......Our Federal President has called to inform our Federal Councillor Peter Kloppenburg VK2CPK, that he has appointed Mr. Roger Harrison VK2ZRH to this position......I make no further comment, save to quote from a letter faxed to me yesterday. It is addressed to the Federal President and I quote,

"Dear Neil,

In confirmation of our telephone conversation on this date and your fax to Jim Linton regarding the temporary appointment of a "Publishers Nominee" for AR Magazine.

The appointment of Roger Harrison to this position in any circumstance is not acceptable to the WIA Victorian Division.

This Division believes that the Current Editor, Bill Rice, should be responsible for all material published in the magazine until such time the Federal Council sees fit to appoint another person to the position vacated by Bill Wardrop.

If such an appointment is in fact necessary, same should be made by the Federal Council and resolved as an item of business brought forward at a Federal Convention in accord with the Articles of Association.".....unquote

A letter along similar lines is being prepared by Peter Kloppenburg VK2CPK Divisional Councillor.

Oh! late news just to hand...In Saturday's Sydney Morning Herald. There is an Advertisement from The Spectrum Management Agency... It's headed...Draft New Australian Radiofrequency Spectrum Plan.... Quote...

The Spectrum Management Agency has released a draft new Australian Radiofrequency Spectrum Plan and is inviting public comment on it in accordance with the requirements of Section 33 of the Radiocommunications Act 1992. The draft Plan is intended to replace the current Spectrum Plan (Statutory Rules 1990 No 413).

This Plan is being updated to incorporate changes to international frequency allocations made at the 1992 International Telecommunication Union World Administrative Radio Conference, and to support the introduction of national reforms in spectrum management embodied in the Act.

Copies of the draft Plan can be obtained from the Agency by contacting ....Blah! Blah and so on and so forth...

The closing date for comments is 17th February 1995.

Well I wonder what that is all about...Rest assured THIS division won't sit on its hands. I'll be on the 'phone First thing Monday Morning for our copy. This Division won't be caught napping... TWICE!!!!

For those of you who have access to Packet Radio have a look at the latest message from the Dissident Mob. VK2YEL....Hmmmm. Wasn't he the Secretary of this Division when all that Tower Fiasco was going on?? "ARAAA@VKNET date 5th Jan Message No.23529...The last sentence is particularly interesting in view of the contents of this Broadcast and the contents of that message....Bob, you can only fool some of the people some of the time....Any "situation" that might "exist" in VK2 was not of my doing....Can you say the same of yourself Sir?

More on that advertisement next week....and write those letters. It's up to us to save this awful situation.

SEE YOU THEN.

P.S. The promised list of Federal Members of Parliament and Senators will be posted A.S.A.P.

Michael Corbin,
VK2PFQ,
PRESIDENT, W.I.A. VK2 DIVISION

Divisional News

Broadcast Roster

The January to March roster for 1995 has been drawn up and was posted on Thursday. It should arrive no later than Tuesday.

If any broadcast team member does not receive their roster by Tuesday, please contact the Roster Co-ordinator, Steve Pullen VK2QZ.

If anyone listening would like to join the Broadcast Team please contact the Parramatta Office on 689-2417 or Steve VK2QZ (QTHR).

No special skills are required, nor is an amteur license, although we are in need of a few more full-call amateurs and people with good "news-reading' voices.

Steve Pullan VK2QZ, Broadcast Roster Co-ordinator

Attention all Satellite Enthusiasts

The New South Wales Division of the Wireless Institute of Australia has acquired a large quantity of surplus satellite receiving equipment - not only for use as-is, but at such a price that they are readily demolishable for spare parts.

For more details, listen to the next broadcast, as arrangements for handling this gear should be finalised by then.

Divisional information

The N.S.W. Division of the W.I.A. runs Amateur classes and examinations, a free QSL bureau for members, slow morse practice on the 80m band, a technical library and bookshop, and Trash and Treasure sales on the last Sunday of every odd-numbered month.

You're invited to contact the Divisional Office for more details of the activities of the N.S.W. Division of the W.I.A.

Federal News

Moves on the 80m DX window

The WIA is to approach the spectrum Management Agency (SMA) with a proposal to extend the 3795-3800 kHz "DX Window" segment of the 80 metre band. A lengthy and very well-researched submission compiled by Peter Forbes VK3QI was put before the Federal Council at its October quarterly meeting. The submission recommended that the DX Window be extended, to cover from 3750 kHz to 3800 kHz on a "secondary usage basis outside of normal business hours (5 pm local time till 8 am local time)."

This adds 45 kHz to the Window, making it 50 kHz wide, while the operating period restriction permits amateur usage at times when most radio amateurs are able to pursue their interest.

The 80 metre DX Window gets its greatest usage during the troughs of the solar cycle. We are currently in the declining phase of solar cycle 22, with the minimum forecast to occur between late-1995 to mid-1996, so 80 metre DX activity is increasing.

A 50 kHz-wide DX Window would bring Australia amateurs more into line with amateurs in other countries in the Asia-Pacific region (who have co-existed with commercial users for many years), and permit a lot more frequency agility to avoid the already high levels of international interference, according to the submission.

The recommendation to extend the Window by 45 kHz was based on extensive research, including monitoring the band between 3700 kHz and 3795 kHz, researching and interviewing commercial licensees of allocations to this segment, and monitoring amateur usage of 80 metres in this area of the band locally and internationally.

Commercial users of the 3750-3795 kHz segment have been declining for some years, and four reasons were identified: users moving to altenative HF allocations in the 4-6 MHz band which offers improved communications during daytime, increasing use of cellular mobile telephones, a change to satellite communications by some users, and moves to UHF CB with the spread of the UHF CB repeater network.

Monitoring between January and September 1994 has shown there to be no consistent or identifiable operations by commercial operators in Australia on 3750-3795 kHz. Below 3750 kHz, state emergency services make consistent use of the segment down to 3700 kHz.

The proposal is to be discussed with the SMA during the coming months.

Greece - Australia reciprocal licences

Information from the SMA to Federal Council

Dear Mr. Penfold,

I am writing to inform you that on the 21 October 1994, a Memorandum of Understanding (MOU) was signed between the Hellenic Republic (Greece) and Australia, recognising the Licence categories of Amateur Radio operators of each country and granting equivalent authorisations thus allowing the Amateurs to operate in both countries without having to be examined again.

This Arrangement (MOU), comes into effect on the 24 December 1994 after the signing by the Greek Ministry of Foreign Affairs, and is registered with the Department of Foreign Affairs and Trade (Australia).

The table of euivalent Authorisations is shown below:

The Hellenic Republic Australia

Certificate of Category "A" Amateur Operators Certificate
of Proficiency AOCP (Full
Privilege Licence).

It would be appreciated if the Amateur Operators Limited
Administration of the Hellenic Certfifcate of Proficiency
Republic would consider issuing AOLCP (Limited Licence).
to Australian Limited Licence
holders, during their stay in
Greece, a permit equivalent to
the Certificate of Category "A"
and conditional on the Greek
operational requirements.

Certificate of Category "C" Novice Amateur Operators
Certficate of Proficiency
NAOCP (Novice Licence)

Certificate of Category "B" Amateur Operators Limited
Certficate of Proficiency
and Novice Amateur Operators
Certifcate of Proficiency
(Combined Licence)

Yours sincerely
Brian Heyes
International Liaison Team
Business Directions Group
8 December 1994

WICEN News

Welcome to the start of the new year, and we trust that all personnel enjoyed a happy and safe holiday. It would be appreciated if all regions would advise the Publicity Officer, Dave VK2KFU, of their regular nets and meetings, in case of any inaccuracies in past bulletins.

In previous bulletins we advised you to write to the media, publicising WICEN's involvement in the Darwin and Newcastle disasters; it now appears that you should write to the Minister, complaining about the unjustified licence fee increases! Please make sure to stress the voluntary aspect of your involvement, and that perhaps you could be exposed to danger when placing your own equipment at the disposal of the various authorities. In the meantime, the various authorities such as the SES and Bush Fire brigades will be pleased to know that, unlike this time last year, the Dural facilities remained constantly available for WICEN use.

There are no events this month, but two new events for the calendar are: the Bathurst Car Rally on the weekend of 25-26th February, and the Eugowra Car Rally on the 8th April; the organiser is Alan VK2YYJ, and please note that both events are merely tentative at this stage. Alan advises that a major event is the Oberon Car Rally on 29th April and many people are required. He can be contacted on packet radio as VK2YYJ@VK2CZR. In the meantime, regular events for March include the RTA Car Rally over the week of 4-11th, and the annual Bungonia Cave Rescue on the weekend of 18-19th.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Magazine Roundup

Here again is a summary of the local magazines which, in the author's opinion, could be of interest to amateurs and SWLs alike. This week we discuss the January issue of the various magazines.

"Electronics Australia" discusses NASA's Deep Space Network; the activities of an old-timer, Archie Chaswell, formerly VK4CA and VK4CB as described, with emphasis on his construction of clandestine receivers in a Japanese POW camp; a dry-cell charger is constructed; simple switching regulators are explained, and a programmable pulse generator is concluded.

"Silicon Chip" describes a simple sun tracker for a solar panel; an automatic switch-off circuit for torches is built; as is a dual-channel UHF remote control unit. We are shown how easy it is to work with surface mount components, and a surface mount wideband pre-amplifier is built.

"Amateur Radio" describes a back-to-basics receiver for 80 and 40 metres; capacitors for use at high RF levels are discussed; the challenge of operating QRP, in particular, relationships between power and S points is promoted; "Random radiators" makes a welcome return and discusses mobile HF antennas; a simple VHF-UHF dual band antenna is dicussed, along with some simple coaxial stub filters; variable capacitors are easily constructed from trimmers; the various Curtis Key chips are discussed; the alignment of repeater cavities is explained; and an insert from Roger Harrison VK2ZRH, Federal Vice-President and member of the WIA SMA Liaison Committee, explains the new licence fees which could well be in force this year.

"Amateur Radio Action" continues the series on weather satellites; the series on high speed packet radio continues with 9,600 bps communications; a digital signal processor (DSP) is built; and the importance of using the correct feedline at VHF/UHF is discussed along with what is called a continuous travelling wave antenna.

Finally, "CB Action" presents an interesting article on scanners and telephones with emphasis on the strange USA eavesdropping laws; explains why theory is required for Amateur radio operation; constructs various accessories for scanners, including a dipole and some filters; and explains the different sources of interference.

Be listening next month for another summary of the local magazines.

--Dave Horsfall VK2KFU

News briefs

Scanner prevents murder in Tennessee

A woman testing a radio scanner she got for Christmas picked up a telephone conversation that detailed a plot by a woman to have her husband murdered.

The overheard conversation led to the arrest of the woman's neighbour, Jacqueline Greene, 32, and her boyfriend Christopher

Scott Davis, 21. They were charged with plotting the death of James Kenneth Greene, 30.

Their plan was for the woman's boyfriend to murder her husband tonight during a staged burglary at the Greene's home near Bartlett, Tennessee. The woman who owned the scanner, Donna McGee, called over her daughter, who recognized the names mentioned during the conversation. They then referred the matter to the local sheriff.

It was the classic "older woman tries to get enamored young man to do her dirty work" scheme. Upon questioning, the suspects confessed that they had been trying to kill the husband for months! She was in it for the life insurance money ... he was in it for love.The Sheriff contacted the "victim" to inform him of the goings on. Of course, he had no idea. Donna and her scanner potentially saved his life by mere hours.

For those with an eye for technical detail, the scanner was a Radio Shack PRO-2030 tuning in the range 46 - 49 MHz.

"News Briefs" looks at communications news items that appear in the mainstream media. Thanks this week go to "The Memphis Commercial Appeal" via Internet. If your local or regional paper runs an item of interest to Radio Amateurs, why not send a clipping to the Divisional Office?

--Richard Murnane VK2SKY

Contest News

To all Radio Amateur organization
To all Radio Amateurs of the world

We have the pleasure to send the rules of traditional 39th CQM International DX Contest 1995 and "Pobeda" (Victory) award and invite all radio amateurs of your country to participate in these events. These rules are enclosed.

We kindly ask you to publish these rules in your magazine and information materials.

Thank you very much in advance and wish you and Radio amateurs of your country Happy New Year, 1995.

With best regards and 73,
Chief of the Krenkel Central Radio Club of RF
V. Bondarenko UV3BW

****

The "Pobeda" (Victory) Award

is sponsored by the Krenkel Central Radio Club of RF on the occasion of the 50 years of Victory of the soviet peoples over

German fascism (1945 - 1995 years).

This award is available to all licensed radio amateurs and SWLs for contacting radio stations of Russia during 1995 year (1.01.1995 - 31.12.1995).

Requirements follow:

- for radio amateurs - veterans WW-II - 10 different QSOs;

- for other radio amateurs - 50 QSOsd with different radio stations of Russia, including 5 QSOs with radio amateurs - veterans WW-II.

There are no band or mode limitations.

The "Pobeda" award is issued free of charge. Send applications, signed by two radio amateurs, to the Krenkel Central Radio Club of RF: P.O. Box 88, Moscow, Russia.

****

CQM Contest

For further details concerning bands, categories, points, multipliers, scoring of awards ...

Contact the Divisional Office, or send stamped self-addressed envelope to P.O. Box 1066 Parramatta 2124 ... which is of course the Divisional Office ... Members may call for a fax copy on 689-2417. If unattended, leave a message on the answering machine.

IPS Report

IPS WEEKLY SOLAR AND GEOPHYSICAL REPORT
ISSUED 06 JANUARY 1995
FROM THE REGIONAL WARNING CENTRE SYDNEY.

SUMMARY (30 DECEMBER - 05 JANUARY)

DATE 30 31 01 02 03 04 05
10CM 77 77 75 77 77 77 76
A 8 4 3 17 18 16 (15 ESTIMATED)
T 37 30 7 -10 2 18 18

SOLAR ACTIVITY WAS LOW ON 3RD-4TH JANUARY, AND VERY LOW FOR THE REMAINDER OF THE PERIOD.

THE GEOMAGNETIC FIELD AT LEARMONTH (WA) WAS QUIET TO UNSETTLED ON 30TH DECEMBER, AND QUIET ON 31ST. THE FIELD WAS UNSETTLED TO ACTIVE 1ST-5TH JANUARY, WITH A MINOR STORM PERIOD 06-09 UT ON 3RD.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES EXCEPT FOR 2ND JANUARY WHEN FREQUENCIES WERE ABOUT 10 PER CENT BELOW PREDICTED VALUES. THERE WERE POSSIBLE DEGRADED CONDITIONS DUE TO BLANKETING SPORADIC E AT TIMES ON 31ST DECEMBER.

FORECAST (06 JANUARY - 12 JANUARY)

SOLAR: VERY LOW

GEOMAGNETIC: MOSTLY UNSETTLED WITH BRIEF ACTIVE PERIODS POSSIBLE.

IONOSPHERIC: NEAR NORMAL CONDITIONS EXPECTED.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

Coming events

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Short Wave Listeners ...

Please note that the Divisional Office will be closed this month; however, you can still call us, as the phone has been redirected to a duty Councillor.

ANARTS broadcasts resume . . . . . next Sunday
Live ATV transmissions from Gladesville ARC resume . .18 January
Divisional Council meeting . . . . . .20 January
Australia Day. . . . . .26 January
Divisional Trash and Treasure. . . . . .29 January
AATC combined committee/general meeting. . . . . .29 January
Divisional Office reopens. . . . . ?? February
WIA Federal convention . . . . . .3 February
Chifley ARC classes begin. . . . . .5 February
Bathurst Car Rally (WICEN--contact Alan VK2YYJ). .25-26 February
Central Coast ARC Field Day at Wyong . . . . . 26 February
New licence fees to be finalised. . . . . .1 March
RTA Big NSW Bike Ride (WICEN). . . . . .4-11 March
Daylight Saving Time ends. . . . . 5 March (?)
Bungonia Cave Rescue exercise (WICEN). . . . . 18-19 March

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066.Items can also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 8th January 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is acknowledged.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

439. Visiting Limey looking for Ham Radio Stores in Ma, Ct, Ga, Fl

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 13:28:31 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <789658111snz@g4kfk.demon.co.uk>
Source record: 253589

Hi all,

Can anybody recommend any good Ham Radio stores with secondhand stock in
the following areas:

Boston and Chelmsford, Ma
Conneticut
Atlanta, Ga
Tampa, Clearwater, Largo, Sarasota and Orlando, Fl

73
Mike
G4KFK

****
* The CQ Centre BBS * 44 1753 595468 or 44 1753 593524 * Fido 2:252/320 *
* Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs *
* No access fee or subscription * All the latest ham radio-related News *
* The UK's most up-to-date lists of second user amateur radio equipment *
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****

440. Re: 6M DXING

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 13:56:25 UTC
From: besten@faculty.chem.ruu.nl
Message-ID: <besten.789659785@faculty.chem.ruu.nl>
Source record: 253590

moritz@ipers1.e-technik.uni-stuttgart.de () writes:

>In article <m0rQbup-0002oJC@access.ods.gulfnet.kw>,
>yesterday there was one over here, it lasted about 1/2 hour
>and I only saw the reports in the cluster.

>Best bet is to find a list of beacons within 2000 miles of your QTH
>and have your set scanning them. You might ba lucky to catch an
>opening. Else by May/June they will be nice and regular.

>CU on 6 (in a few years of via multiple hop sp-E)

In fact almost every summer 9K2ZR or 9K2MU is worked from the Netherlands or
Germany. So if Faisal becomes *really* active I reckon that we must be
able to work him this forthcoming summer via 2 hop Es.

Remco PA3FYM

441. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 14:27:24 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan9.142724.5991@ke4zv.atl.ga.us>
Source record: 253591
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.SUN.3.91.950109023631.16997C-100000@access4.digex.net> Tony Stalls <rstalls@access4.digex.net> writes:
>
>On Sun, 8 Jan 1995, Gary Coffman wrote:
>
>> Ray, that country was the United States of America prior to 1968.
>> The General class had full priviledges. It was the basic license
>> of most amateurs. There were some Techs, but their test was the
>> *same* as the General except for an irrelevant difference in Morse
>> speed testing. And there was a very limited Novice class, with a
>> test insufficient to ensure their legal, safe, and non-interfering
>> operation.
>
>Gary,
>
>From your old "WA4" call sign, it would appear that you've been licensed
>long enough to remember the Novice Class prior to the FCC's so-called
>Novice Enhancement, so I don't understand why you would bash it. First of
>all, except for limited 2 meter AM, operation was restricted to 80, 40,
>and 15 meter CW within specific bands (as it is now), with crystal control
>and DC plate input power limited to 75 watts. Those restrictions pretty
>well insured "legal, safe, and non-interfering operation." I also
>disagree that the test content was not adequate; don't forget, that was
>prior to the "question pool" memorization days.

Of course Novice was severely restricted, but that didn't assure that
they didn't interfere with others. There were many harmonic rich signals
on the Novice bands. Only 40 meter Novice operation had some assurance
that the harmonics would fall inside another ham band. Most Novices had
little idea how to check for out of band emissions, or what to do about
it if they found some. And most Novices had little idea of what electrical
safety really meant, probably most Generals didn't either for that matter.
The rules and regs portion of the exam was better than what we have today,
but was still not nearly comprehensive enough. Remember, Novice was only a
25 question test, given by a General volunteer, even then.

>Beyond that, the Novice
>Class license term was one year and it was not renewable, so everybody was
>busy from day one enhancing their technical skills in preparation for
>their General Class exams. Passing them required doing such outrageous
>things as actually knowing regulations and theory and drawing circuit
>diagrams with component values. (Code speed came up virtually
>automatically by just being active.)

I'd say BINGO! to your parenthetic statement. My contention has always
been that for those who want to use Code, tests are irrelevant. For those
who don't use Code, which is the majority of amateurs, it's irrelevant too
since there's virtually no danger that they will be sending bad Code.

>The Extra Class amateur license test was more difficult by the way. It
>was reputed to be the toughest exam the Commission gave. Lots of us had
>General Class amateur tickets and various commercial licenses, but nobody
>in my circle of friends had an Extra. (I passed the code and failed the
>theory the single time I took it in 1957.)
>
>> I'm suggesting a return to a single basic license, eliminating the
>> irrelevant Morse speed test, and eliminating any license class with
>> insufficiently demonstrated skills to operate legally, safely, and without
>> causing interference to other services. I've outlined what I think the
>> content of that exam should be in another message.
>
>"Irrelevant" is your opinion and as we've discussed before, a lot of us
>disagree with that perspective.

See above. Code speed is only relevant to those who use Code, and since
to use Code a person has to work up a goodly speed, the speed test is
redundant. The fact that they are successfully using Code is all the
evidence needed that they know Code. A separate government test element
is not required. This is *exactly* the same as with any other operating
mode. If the person is successfully performing with any mode, they have
the necessary competence. If they don't have the competence, they can't
successfully operate. It's completely self-limiting. Operating mode tests
of any kind are redundant.

>The examination elements cover virtually
>all aspects of the hobby and some might be termed "irrelevant" with as
>much correctness as you've used for the code. Everything in the exams
>that doesn't interest me or that I don't intend using on the air is
>irrelevant, but I learn it anyway if I expect to pass the test. You might
>have the technical comptetnce to come up with a way to "phone home to ET",
>but like it or not, if you want an Extra Class ticket, you're going to
>have to pass the 20 wpm code test.

Not if my proposal is accepted. :-)

Morse speed testing is treated differently from any other operating
mode. You *can* miss every question on satellite operations, or every
question on RTTY operation, etc, but if you do well enough on the rest
of the exam you can still pass. With Morse testing, no matter if you have
a perfect score on other elements, you have to pass the separate Morse
speed element. That to me is neither logical nor proportionate.

>Your proposal sounds similar to what the ORACLE group down in New Zealand
>wants. They are lobbying for testing only those things that the license
>applicant feels are relevant to them and suggest such things as
>(this is a quote) "keyboard skills". Can they mean taking typing tests
>to get an amateur radio licnese?

Probably. It's as relevant as a Morse speed test, IE neither is relevant
to the government's interests in licensing amateurs. The government's
interests in licensing amateurs are to assure they know how to be legal,
safe, and non-interfering with other services. Unique callsigns are
issued to ensure accountability for those cases where amateurs fail
to operate legally and on a non-interfering basis. Passage of the tests
removes the excuse of ignorance of the law or technical requirements
from those who are found in violation.

>I support restoring the principle where having advanced copies of tests or
>question pools constitutes cheating and disallowing VEC's having any
>control over test content. There was also nothing wrong with the
>licensing structure and associated privileges that existed before the
>"Novice Enhancement."

No, I disagree that there was nothing wrong with the old structure.
There were several things wrong. The emphasis was on rote memorization
and a mechanical skill (still is). Neither is of much value over the life
of the average amateur licensee. That's why I advocate a comprehensive
open book exam. I think it's much more important for the applicant to
demonstrate the ability to find out answers on their own from the standard
references than to regurgitate some cram session material that may be
outdated tomorrow. That's a skill that will be useful for life, unlike
some rote memorization that's forgotten as soon as the test is over.

What good does it do the licensee to memorize the rules when the rules
change every so often? It's much better that they be required to demonstrate
that they know how to find the answers from a current copy of the rules,
than that they can memorize some soon to be outdated information. The same
goes for electrical safety and electronic theory. Memory is leaky and often
faulty. The ability to access and interpret the information in references,
on the other hand, is of lifelong value. Albert Einstein said that it was
counterproductive to clutter your mind with memorized trivia when that
information is readily available in handbooks.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

442. sm415 and a gravis sound card

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 14:54:08 UTC
From: wapembe@clark.net
Message-ID: <3erimg$4rf@explorer.clark.net>
Source record: 253592

I am trying to interface a gravis ultrasound card to supermorse 4.15. All I can get the software to do is hang which requires a ctrl-alt-delete to break out of. As far as I can tell I am using the correct settings but I may be misunderstanding the documentation on this. Here are the settings for the soundcard and for the sb emulation string:

ULTRASND=240,1,1,11,5
BLASTER=A240 D1 I5 T1

I have tried various values for the soundblaster T variable but have the same results with each one. System hangs and requires a reboot.

The gravis card works fine and passes all diagnostics. Other software will interface correctly with it.

If someone has been successful getting these two to talk, I would appreciate hearing from you. I would prefer a followup to this newsgroup but if you prefer to email me I will repost for you. thanks for your help.
--
discourse by wapembe@clark.net/veni, vidi, wapembe! "i came, i saw, i snoozed!"

443. Re: Kenwood 732 Intermod

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 15:34:28 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3erojg$b6d@ra.nrl.navy.mil>
Source record: 253593

In article <3em1i6$hp5@oak.oakland.edu>, prvalko@saturn.acs.oakland.edu says...

Sniperoo

>I could drive around with UHF on and NOT hear, "Paging Dr. Fine, Dr.
>Howard, Dr. Fine"

Why SOITENLY!

Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

444. Liberty Ship Hiram Percy Maxim?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 15:45:07 UTC
From: dnewkirk@arrl.org
Message-ID: <1995Jan9.154507.5121@arrl.org>
Source record: 253594

I've just heard that one of the many WW II Liberty Ships was called the Hiram Percy Maxim. Anyone have corroboration, and maybe even details?

73,

David Newkirk, WJ1Z
Senior Assistant Technical Editor, ARRL
dnewkirk@arrl.org

445. Re: Need help adjusting a 2M crystal rig.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 15:59:47 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3ermhj$18gb@info4.rus.uni-stuttgart.de>
Source record: 253595

Hi Andy,

I have done this lots of times, so here briefly what to do:

get for test equipment a RF probe, made from a small capacitor
and a diode (fast Si or better Ge)

Locate in the radio the frequency multipliers. Most likely
they will be coils with ferrite cores to adjust. Diagrams
are very usefull here, but strictly not neccesary.

start from the oscillator tuning the multipliers, for max.
signal, if you arrive at a wrong multiple, your frequency counter will
help.

Once you have done the multipliers the dificult part is to tune the
rx front end. This may require another radio close to your work place,
use as an signal indicator the AGC, or the RF probe, than you have
to supply a strong RF sig, though.

Well the TX wants tuned for max. output (of cause)
watch that it does'nt get funny, like self-oscillation. If the power
jumps insted of changing smoothly when adjusting, you know it is
not right.

Good luck, Moritz DL5UH

446. Re: Spanish/Espanol

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 16:02:17 UTC
From: clifto@indep1.chi.il.us
Message-ID: <D25B7t.D5n@indep1.chi.il.us>
Source record: 253596

In article <3er3di$2io@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>>Yes and you radio fan and pubic hair, tender scraps of pullet
>
>I always thought this here was a news group on amateur radio and not
>on racism.

Exactly what did you find to be racist about my deliberately silly
mistranslation?

If I were making fun of a race, it would be racist. Since I was poking
fun at a language, I guess that makes me a linguist.

--
Cliff Sharp Never get into fights with ugly people.
WA9PDM They have nothing to lose.
clifto@indep1.chi.il.us --The Fourth Law of Reality

447. Is RF "fingerprinting" possible????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 16:05:14 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3erqd9$b6d@ra.nrl.navy.mil>
Source record: 253597

We have a local ham, or maybe a ham radio thief, who is being very malicious and trying very hard to damage some repeaters (listening to the control op on simplex and decoding tones, then trying to use tones to screw up the repeater) and get the operators in trouble (calling 911 at night and hanging up etc). This clown seems to get off on chunking the repeater and generally iritating everyone.

My question to this esteemed panel of experts is, does RF fingerprinting really work? I have heard people talk about RF fingerprinting, but I have never seen anything in print. Can we buy/borrow/rent something that will identify the culprits radio and begin to build a case against him? (or her???) Who builds this kind of equipment, and what is its technological basis? Is there a wing of the FCC that can provide this sort of service? Who do we call? (jerkbusters?) If anybody has any info, it would be appreciated.

--
Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

448. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 16:38:22 UTC
From: gordon@westford.ccur.com
Message-ID: <D25Cw0.ABv@westford.ccur.com>
Source record: 253598

It seems that most foreign call issuers don't have the same list of 'forbidden' calls that the FCC has.

I have a card from VP5FUX. This was back in the early 80's. I have wondered if this was issued at random or chosen by the operator as an editorial comment about getting a license in VP5... 8-)

Gordon Weast
gordon@westford.ccur.com

--

449. UHF Tiny Transmiter.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 17:22:08 UTC
From: ykeinan@iil.intel.com
Message-ID: <3er2vr$2k6u@ilx018.iil.intel.com>
Source record: 253599
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment

I am interested to build/buy tiny UHF transmitter for monitoring wildlife activity. Any help would be appreciated.
Thanks

450. Baycom without a modem!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 17:34:19 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <3ers2r$cog@agate.berkeley.edu>
Source record: 253600

A friend told me of a program that's been developed in Europe that will make a computer emulate the Baycom modem without a modem, using only an op-amp type interface. It's supposedly a device driver that runs in front of the Baycom software. The filename is supposed to be embaycom.zip and it's about 4.7 KB.

An ARCHIE search showed no results. Does anybody know where this might be available for anonymous ftp? Thanks

73 DE N1QNK
Jim
PS - if any tagline follows, it was _not_ added by me.

I recieved a shipment of 5 pounds of dynamite. If they leave that roof door open one more night then we'll blow it up.

For more information about this anonymous posting service,please send mail to remailer@csua.berkeley.edu with Subject: remailer-info.
This message contains automatically generated keyword blocks
that have been designed to resemble a threat. These blocks
are not a statement of intent by the remailer operator or anyone else.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@```$M^&2?(E<U9BPG1]W7LG=&KH_S%AK^58CLB5M":$VP'JU]ZI$CW+I5$
CI9/<T!NLEU>TYI?;TV)+<3FBQ?DB(FEG3H^Z?N/V)X*,+I(`
====Encrypted-Sender-End====

451. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 17:36:49 UTC
From: drewbob@mit.edu
Message-ID: <3ers7h$m58@senator-bedfellow.MIT.EDU>
Source record: 253601

Hans Brakob (71111.260@CompuServe.COM) wrote:

: That additional list of suffixes has been mostly banned since
: Moby Dick was a minnow, and has nothing to do with any current
: "politically correct" environment in Washington.

Yeah, and I'm surprised they haven't added THC, LSD and PCP to the list.

btw, I like the AA#xx calls (though I take it I'm in the minority). AA has
a good CW rhythm.

I'm a tad biased though. 73 de Andrew, aa1hx

452. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 17:42:53 UTC
From: drewbob@mit.edu
Message-ID: <3ersit$m58@senator-bedfellow.MIT.EDU>
Source record: 253602

prvalko (prvalko@saturn.acs.oakland.edu) wrote:
: Andrew C Robertson (drewbob@mit.edu) wrote:

: : When I first got into ham radio in the 70's, you had to be an Advanced
: : licensee to qualify for a 1x3 call. Even the Generals had to stick to
: : their 2x3s.

: HUH??? I am a student of callsigns and I can NEVER remember 1x3's being
: "given" out to ANY class of license (of course excepting the original
: W's and K's).

All I know is that I wanted that 1x3 more than anything at the time, and
they wouldn't give me one without passing that Advanced test. I'll have
to look up a few things to figure out what was really going on back then
(the year was 1978 I believe, or late '77). The 1x3s being assigned were
K#xxx calls.

73 de Andrew, aa1hx

453. re: weekly nets

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 18:13:25 UTC
From: NFullagar@oakb5_ccgate.apl.COM
Message-ID: <9500097896.AA789675824@ccgate.apl.com>
Source record: 253603

>Does anybody have a list of weekly ham radio nets? I would appreciate
>any info on this.
>
>Mike
>--
>D. Michael Basinger [N9YYO]
ARRL publishes a listing - a couple a bucks from them or your local ham store. It mostly includes wide-coverage (in terms of geography) nets. 1000's of local or regional nets (especially VHF/UHF) are not gonna be there. I have a copy at home and would be willing to look up something if you like, but it's a worthwhile investment to pick up your own copy.

Neil KE6NCX
nfullagar@ccgate.apl.com

454. Re: Ham Licence Plates ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 18:27:40 UTC
From: faunt@netcom14.netcom.com
Message-ID: <FAUNT.95Jan9102741@netcom14.netcom.com>
Source record: 253604

I didn't have a lot of problem with the DMV in California. When I got mine, I had to say "amateur radio" two or three times, but then the knowledgable person came and walked the person at the counter through it. Of course, I got the wrong plates in the mail, and had to go back and straighten it out, but again, no big problem.

My partner had even less trouble, since the person behind the counter knew exactly what we were talking about, whipped out the form, asked to see her license, and the plates appeared, eventually, in the mail.
73, doug

455. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 18:30:00 UTC
From: n5ljv@uh.edu
Message-ID: <9JAN199512304013@rosie.uh.edu>
Source record: 253605

I REALLY think that the only poeple that are remotely eligable to comment on this topic are the guys (or gals) that were licensed prior to 1920 (or so). I have spoken to several of these hams, and are close friends with a couple, and they appear to be the leading authority on alot of "where did this come from" topic. :)

But, let me toss my two cents in and tell you what and where I heard the story about "why are we called hams". Notice I didn't write HAMS becuase it is incorrect -- as it IS NOT an acronym -- never has been. Anyway, I received my license when I was 14 years old. I recall getting my general class ticket when I was a sophomore. That year, when I was in the library doing some "research" I thought it would be fun to see if they had any books on ham radio. Well, they sure did -- two of them.

My favorite one was called _So You Want to be a Ham_. This book was published in the 1960's by a Wx??? call -- old timer. The book opened with an explination of why amatuer radio is called ham radio as a nickname.

The author explained that back in the early 1900's (or late 1800's, I can't recall too well) CW was still the only mode of communcation for amateur radio operators. And, since CW was the only mode, most amateurs were quit good at sending CW. Now, when someone had trouble sending code, or had a bad fist, he was called a "ham" by the fellow amateurs.

This reminds me of something we do today. When we encounter a person who operates poorly we call them a "lid" -- meaning poor operator. I've been doing this for years, and it has carried over into my "non-ham" life. Now my non-ham friends call ME a lid because I've called them a lid many time before!! :) Except for one of my friends who's name is Sid, and he thinks I am making fun of his name, so I don't call him that anymore. Anyway, I'll stop rambling.

That's the BEST explination that I've heard (or read) so far. If anyone has anything better, and can back it up with a source, let me know... I would love to hear it. 73 for now....

--
Brad A. Killebrew N5LJV, EMT-B | Student of Computer Engr Technology
President, UH Amatuer Radio Club | University of Houston, Texas
Internet: n5ljv@uh.edu |
Internet: n5ljv@amsat.org |
Internet: n5ljv@netcom.com |
AMPRnet : n5ljv@sugarland.ampr.org | UH Amateur Radio Club WB5FND
Packet : n5ljv@f6cnb.#setx.tx.usa.na | uharc@post-office.uh.edu
AT&Tnet : 713-736-5903 Fax 743-4032 | Info: finger tech14c@jetson.uh.edu

456. Re: Dual Paddle Keys

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 19:29:38 UTC
From: treit@seanet.com
Message-ID: <treit.149.00137EFF@seanet.com>
Source record: 253629

>I am thinking about getting a dual paddle key. I have seen the Bencher.
>I have seen ads for the Kent, Mt Ida, Arkansas key and for the Jones Key
>from England. I have two questions, 1) are there other keys that I should
>be looking at, 2) has anyone any comments on the above keys?

Congrats on the upgrade, by the way.

I use a Bencher, and am quite satisfied with its performance. I have also
used the Vibroplex Brass-Racer , and think that it has a nice feel to
it as well. Sending with a paddle is a personalized thing; no one key can
be said to be superior. It depends on how YOU feel using it. My advice would
be to get some hands on with the paddles you're considering and decide for
yourself. From the brands you mention, I don't think you can go wrong.

73's

-Mike KB7QOP

457. Re: Courtesy in exchanging QS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 21:48:14 UTC
From: kchen@apple.com
Message-ID: <3esauu$ppd@apple.com>
Source record: 253606

tom.hammond@woodybbs.com (Tom Hammond) writes:

>YS>I sent a self-addressed envelope and an IRC to a DX QSL manager.
> >This QSL manager resides outside the U.S. When I received my
> >QSL card, I found other QSL cards are enclosed. These cards are
> >addressed to U.S. amateur radio stations which I have no previous
> >knowledge of. Apparently, the QSL manager wanted me to check
> >the address of these U.S. hams, and mail the cards to them.

>It's not new... I've seen this happen before...10-15 years ago...

Happens all the time, even today. Most of the time, it is one extra
card, but I have gotten two extra.

One ham who I forwarded a card to was so appreciative he sent me
a handwritten note of thanks in the return mail.

>I must agree that it curely would have been a nice (at least) gesture
>for the QSL manager to have included a note requesting your assistance
>in forwarding his QSLs. Unfortunately, we see all too little courtesy
>among our ranks these days... and it doesn't appear to be getting much
>better. There may have been a language barrier, but, if the manager
>REALLY wanted to send a note, I'm pretty sure he could have found
>someone to assist in the preparation of a 'master' text which he could
>have copied (either manually or mechanically) for sending to those whom
>he expected to perform the gratis forwarding.

Ah, but it is not always the fault of the manager. Once, a note came
with the extra card, and it asked me (in broken English; since I am not
native English speaker either, I could read it perfekly :-) to please
forward it since the recipient sent neither SAE nor postage!

These for-forwarding-QSLs don't bother me one bit. Just another part
of the hobby of making more friends.

73

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

458. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 21:53:51 UTC
From: kchen@apple.com
Message-ID: <3esb9f$qit@apple.com>
Source record: 253631
Cross-posted to: alt.usage.english,rec.radio.amateur.misc

kevans@panix.com (K.-Benoit Evans) writes:

>The most likely explanation is that early amateur radio operators were
>called "ams". Because of association of meaning with the slang word "ham"
>or the appearance of an intrusive "h" (or both), the pronunciation changed
>from "am" to "ham".

>This is the explanation that was commonly given 40 years ago when I first
>started reading about shortwave radio and hams. I suspect that the great
>William of Occam (+1349) would have come to the same conclusion using his
>method of "Occam's Razor" to examine the question: Entia non sunt
>multiplicanda praeter necessitatem. (Free translation: keep it simple and
>go no further than necessary.)

Ummm, you mean Occham's Razor? :-) :-)

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

459. Re: HAM, ham, HaM, whate

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 21:58:50 UTC
From: chrism@osuunx.ucc.okstate.edu
Message-ID: <D25rq3.Ayl@osuunx.ucc.okstate.edu>
Source record: 253607

mario@ccsnet.com writes:

>*A>I guess all this typing keeps people off the streets and out of
>*A>the bars, but does anyone else think ham, HAM, amateur, etc
>*A>matter about as much as the number of angels that can dance on the
>*A>head of a pin?
>*A>
>*A>rw
>*A>NE0R
>*A>

> Priorities.....priorities......priorities!
>
> Mario - N1SGN - mario@ccsnet.com
>---
>* UniQWK v3.3a* The Solution for Multilingual Messages

Shall we now discuss fax versus FAX? :-)

73,
Chris Morrison KG5NK
Tulsa, OK

I say it's ham and fax.

460. O Hamfest Gurus...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 22:15:37 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3esci9$gcl@fido.asd.sgi.com>
Source record: 253608

I am planning my first visit to a hamfest/flea in the near future.
Any hints as to how to snag the best deal, what is the accepted mode of
depleting my bank account (greenbacks, checks (cheques), VISA/MC),
warning signs on equipment, what equipment I'll be better off
buying at my friendly neighborhood ham store, etc. etc. etc....

I'm looking for HF gear. At present my HF shack consists of:

1. Table with chair
2. AC wall outlet
3. Nearby tree (I live in an apt.complex)
4. A thousand tools (drill, soldering iron etc)

So I need to get *everything*. (not necessarily all at the flea market)

Present class (6 days old) is Tech plus. Plan to move up to General and
then Advanced at a fairly quick pace.

Main interest is working DX.

I hope I have provided enough information.

tnx de ke6prl

Aditya
aditya@corp.sgi.com

461. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 22:29:55 UTC
From: erc@s116.slcslip.indirect.com
Message-ID: <D25t5v.CwJ@indirect.com>
Source record: 253609

Andrew C Robertson (drewbob@mit.edu) wrote:
: prvalko (prvalko@saturn.acs.oakland.edu) wrote:
: : Andrew C Robertson (drewbob@mit.edu) wrote:

: : : When I first got into ham radio in the 70's, you had to be an Advanced
: : : licensee to qualify for a 1x3 call. Even the Generals had to stick to
: : : their 2x3s.

: : HUH??? I am a student of callsigns and I can NEVER remember 1x3's being
: : "given" out to ANY class of license (of course excepting the original
: : W's and K's).

: All I know is that I wanted that 1x3 more than anything at the time, and
: they wouldn't give me one without passing that Advanced test. I'll have
: to look up a few things to figure out what was really going on back then
: (the year was 1978 I believe, or late '77). The 1x3s being assigned were
: K#xxx calls.

I've been licensed since 1979, and the only thing I wanted to do when I got
my Novice was to pass the Tech, so I could get rid of that horrible KA7GXA
and get a 1x3 call. So I did :)

462. Re: Is RF "fingerprinting" possible????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 22:33:07 UTC
From: erc@s116.slcslip.indirect.com
Message-ID: <D25tB8.Czz@indirect.com>
Source record: 253610

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: In article <3erqd9$b6d@ra.nrl.navy.mil>,
: helliott@losat.redstone.army.mil (Doc Elliott) writes:

: |> My question to this esteemed panel of experts is, does RF fingerprinting
: |> really work? I have heard people talk about RF fingerprinting, but I
: |> have never seen anything in print. Can we buy/borrow/rent something that
: |> will identify the culprits radio and begin to build a case against him?
: |> (or her???) Who builds this kind of equipment, and what is its
: |> technological basis? Is there a wing of the FCC that can provide this
: |> sort of service? Who do we call? (jerkbusters?) If anybody has any
: |> info, it would be appreciated.

: We had a similar problem a year ago. N1JBC, a local blind kid, had
: nothing better to do than jam people. To combat the problem, I invested
: a little bit of cash into a Motron electronics RF fingerprinting device
: and a doppler tracking system, mainly to see how they worked.

: RF Fingerprinting is definitely not an exact science. The theory is
: sound, ie: each radio has a unique inherent destabilization of the
: RF signal upon keyup, and if you can measure that, you have a good
: measure by which to "fingerprint" each radio.

: Unfortunately, unless you have a spectrum analyzer at the source,
: you're measuring a transmitted signal. The motron device looks at the
: FM passband (15khz) and measures where a received signal is in the
: FM passband for 25 cycles @ roughly 10ms/cycle, for a quarter second
: total. So, theoretically, as someone keys their radio, and their
: radio transmitter stabilizes itself in the frequency passband, you
: can get a "fingerprint". You can then compare that fingerprint against
: others.

: Although the overall result is good (i.e. you get a pretty consistant
: signal from each person's radio) often there are minute voltage
: flucuations that cause the fingerprints to be different. So, what
: you end up doing is comparing fingerprints in general terms, not
: specifics, similar to how the police do fingerprint comparisons.

: Using the motron device, what I've found is this: it is a good way
: of *eliminating* people from consideration in jamming problems. If
: you're pretty sure who the person is, the device isn't useless,
: but you can save yourself the cash. The motron device has been more of
: a deterrent than anything else around here -- I take it out, show it
: around on display at club meetings, so nobody messes around anymore.

Of course, the way around that would be to shunt the RF into a small dummy load for 1/4 second or so right after key-up, then let it out onto the air, eliminating the stabilization signature...

463. Re: Tire QRN, how to cure?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 22:34:12 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Jan9.223412.25812@news.csuohio.edu>
Source record: 253611

Regarding the recent discussion about QRM caused by static
electricity generated by car tires.

Quoted from "Sunday" magazine, Cleveland Plain Dealer, January 8, 1995,
under "News Of The Weird", p. 4:

"In September, the makers of Michelin tires said they would reformulate
a substance used to make new-model tires grip the road better on wet
pavement because the old formula permitted a buildup of static electricity.
For moths, attendants on the Illinois Tollway had reported taking
measures to insulate themselves every time new Honda Accords (which
feature the new Michelin tires) stopped to pay tolls. Some attendants
even refused to accept money from some drivers for fear of shocks."

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

464. Want to buy TR3600

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 22:58:32 UTC
From: bgpalmq@moto.net.nwa.com
Message-ID: <3esf2o$j5p@guppy.idss.nwa.com>
Source record: 253612

Looking to buy Kenwood TR3600 440 hand-held.

Email me, please.

Thanks,

Brady
WB0VFW
bgpalmq@net.nwa.com

465. Re: Is RF "fingerprinting" possible????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:12:02 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3esfs2$1sl@acme.freenet.columbus.oh.us>
Source record: 253613

Doc Elliott (helliott@losat.redstone.army.mil) wrote:
: We have a local ham, or maybe a ham radio thief, who is being very
: malicious and trying very hard to damage some repeaters
<snip>

: My question to this esteemed panel of experts is, does RF fingerprinting
: really work?
<snip>
: --
: Doc Elliott
: KE4KUZ
: Internet: helliott@losat.redstone.army.mil
: packet: ke4kuz@k4ry.#cenal.al.usa.noam
: The opinions expressed herein are mine, and do not
: reflect those of my employer or anyone else unless
: specifically stated as such.
I don't think what you are considering is all that worthwhile. The
concept of fingerprinting for identification is based on two things:
(1) the presumed unique character of a fingerprint
(2) the existence of two sample prints, one of which is known to be that
of a known person and the other is known to be associated with the
crime.
It will usually be tough to find some characteristic of a radio which
can really be shown to be unique, and not just characteristic of that model.
If you have the offending radio to discover that it has the characteristic
you noted off the air, usually you will have enough additional evidence
to show who did the interference, without going through any other tricks.
Direction-finding and monitoring are the main ways you have to use to
catch these people. Few are as lucky as a Columbus policeman-ham friend
(WD8RIH)who had his handie-talkie stolen from his pollice car. He observed it
with his call-letters plainly visible, hooked on the belt of the thief, a
spectator at another police run my friend made a couple of weeks later.
GL and 73 Gerry K8EF

466. IPS Daily Report - 09 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:13:15 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan9.231315.26306@ips.oz.au>
Source record: 253614
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 09 JANUARY AND FORECAST FOR 10 JANUARY - 12 JANUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 08 Jan
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 9.9E+03
Daily Electron Fluence >2 MeV: 3.0E+08 (moderate)
X-ray background: A1.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
10 Jan 11 Jan 12 Jan
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Jan: 72/8

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 08 Jan
Learmonth 6 2222 1122
Fredericksburg 7 7
Planetary 7 7

Observed Kp for 08 Jan: 2212 2221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
10 Jan 18 Unsettled to active
11 Jan 18 Unsettled to active
12 Jan 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

09 Jan normal fair-normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
10 Jan normal fair poor
11 Jan normal fair poor
12 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
09 Jan 16 enhanced 20% during local day, depressed by up to 25%
during local night.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
10 Jan 10 Near predicted monthly values
11 Jan 10 Near predicted monthly values
12 Jan 10 Near predicted monthly values
COMMENT: Degraded HF comms were possible during local night last
night. Further degradations during local night can be expected over
the next few days. Blanketing Sporadic E was observed last two hours of
UT day at Sydney.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

467. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:16:17 UTC
From: jyelland@sc.hp.com
Message-ID: <3esg41$elm@hpscit.sc.hp.com>
Source record: 253615

cleve e massey (cmassey@onramp.net) wrote:
: Ok here is a chance to get it off your chest...is six meters worth the
: time and money to get into???

As a follow on to Cleve's question: If I'm considering a radio should
I think all-mode or is FM pretty active. The difference in price is
pretty dramatic (all-mode starts ~$1k new...FM can be had for about
half that or less new). I realize that the used market is out there
but there doesn't seem to be a lot of radios that have 6m on them.

Any thoughts? Jey

.-. ..- .- .... .- -- - --- --- ..--.. -.- -.. -.... ...- - -..-
Jey Yelland (jyelland@hpamtyy.sc.hp.com) Voice: 408.553.7308
Hewlett-Packard, Santa Clara, CA, USA Fax: 408.553.7900
Internet BMW Riders: 86 K75c: a *joy*! 84 R65LS: under construction

468. Re: Liberty Ship Hiram Percy Maxim?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:28:11 UTC
From: ppiercey@random.ucs.mun.ca
Message-ID: <3esgqb$rqp@coranto.ucs.mun.ca>
Source record: 253616

Dave Newkirk (WJ1Z) (dnewkirk@arrl.org) wrote:
: I've just heard that one of the many WW II Liberty Ships was called the
: Hiram Percy Maxim. Anyone have corroboration, and maybe even details?

: 73,

: David Newkirk, WJ1Z
: Senior Assistant Technical Editor, ARRL
: dnewkirk@arrl.org

Partly Related Topic

I was leafing through an old copy of the Encyclodaedia Brittanica and
found an article about HPM, which indicated he invented a machine gun.
Quite a versatile fellow. Probably to solve those RFI problems <grin>.

73

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@random.ucs.mun.ca
ppiercey@morgan.ucs.mun.ca
==========

469. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:46:45 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <3esht5$mh5@freenet3.scri.fsu.edu>
Source record: 253627
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

: CA Forestry (Fortuna) Out:151.250 In:159.405 PL:none
: CA Parks & Rec Out:855.7375 In:810:7375 PL:D115
: CA OES Out:153.755 In:154.980 PL:192.8
: Six Rivers National Forest Out:168.725 In:170.125 PL:none
: Commerce Dept (NOAA) Out:162.550 In:416.375 PL:none
: Dept of Interior (National Park) Out:166.375 In:166.975 PL:136.5
: Out:165.1625 In:164.425 PL:none
: Justice Dept (FBI) Out:167.4375 In:162.7375 PL:167.9
: FAA Out:172.925 In:169.325 PL:136.5
: Treasury Dept (Customs) Out:165.2375 In:166.4375 PL:100.0

: Do not kerchunk FBI or Treasury repeaters. It annoys the hell out of them
: and might interfere with an on-going children immolation assignment.

>>Maybe we should start a new thread "Kerchunking fer fun!" I really
>>got a tickle out of that last part......like you havent done it
>>RIIGHT... Quote of Bill Cosby<G>

470. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:51:29 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Jan9.185129.1@miavx3>
Source record: 253617

In article <3efg18$8ca@engnews1.Eng.Sun.COM>, wdh@Eng.Sun.COM (Dennis Henderson) writes:
> In article 1@mhadg.production.compuserve.com, Hans Brakob <71111.260@CompuServe.COM>
writes:
>
>> suppose a young lady who was
>>sensitive about her weight got the call "KC0PIG". I can imagine
>>her Amateur career would end before the mailbox was closed.
>
> Amen. Can one ask for another callsign if they dislike theirs enough to
> be embarrased about it? My wife got KD6BUN.
>
> ...Dennis Henderson, N6TTW
>
>
>

Sure can! Just submit a 610 to the FCC asking for a callsign change. The
next one in the pool will be assigned.

73 >< Carl
K8NHE

471. Re: FCC Change of address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:53:29 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Jan9.185329.1@miavx3>
Source record: 253618

In article <sealeD1yA0B.6E6@netcom.com>, seale@netcom.com (Eric Seale) writes:
> Does anybody know the officially-approved way to send the FCC a
> change of station address? Do I need to send in another form 610
> with the new address, or is there a simpler way?
>
> Thanks in advance,
>
> Eric
> --
> Eric Seale | Optimist: "The glass is half full."
> seale@netcom.com | Pessimist: "The glass is half empty."
> | Engineer: "The glass is twice as big
> | as it needs to be."

The proper way is a 610 to the FCC at Gettysburg.

73 >< Carl
K8NHE

472. Re: Can you phone FCC for upgrades, too?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-09 23:56:39 UTC
From: howard@migsol.com
Message-ID: <D25x6F.w6o@migsol.com>
Source record: 253619

Tommy the Tourist (Anon User) (nobody@csua.berkeley.edu) wrote:
: I understand the implication that newly passed candidates can phone the
: FCC and get their new callsign and operate with it immediately (re the
: Dec 20/94 effective rule change.)

: Does this also imply that since I upgraded to Advanced (of _course_ I
: checked and initialed the new callsign box :-) that I can phone the
: FCC and get my new callsign and operate with it?

: BTW, has anybody had much luck with the FCC 800-322-1117 number? The
: first time I tried it I got a recording that all staff were in a meeting
: and that switched to an automated attendant (press 1 to QRT your call :-)
: The next time it was a recording that the offices were closed and again
: the automated attendant. The next time the phone was busy for 20 minutes
: solid.

It is only good for new callsign. I just got mine after many redials.
After geting into the number there automated attendant hungup on me.
I redialed ...., utill I go in again, this time I did not enter
any tones and forced it to a person who gave me my callsign

73's

--

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/ \ |_______|
*********
```
KE6PTT Howard@migsol.com

473. Re: Radios & airplanes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 00:05:33 UTC
From: psl@ame.win.net
Message-ID: <113@ame.win.net>
Source record: 253620

In article <3ep2sa$crf@cello.qnet.com>, Robert Comperini (robertc@qnet.com) writes:
>Greg Smith <greg.n.smith@daytonoh.ncr.com> writes:
>
>>I'd say yes. If they freak about the minute radiation from Walk/Disk-mans,
>>they really go nuts on HTs, GPS units, etc. Keep in mind that most flight
>>attendants haven't a clue why electronic devices cannot be used during
>>portions of the flight. They have probably been led to believe that if
>>someone spins up a CD or turns on a receiver, the aircraft will go into a tail
>>spin.
>
>>I wanted to use a GPS unit on a trip to Hawaii so I could track our position
>>across the ocean on a long and boring flight. The flight attendant said she'd
>>take it from me if she even saw me take it out of my briefcase.
>
>>Most laws regarding use of communication electronics on aircraft are governed
>>by the FCC rather than the FAA as one might assume. Cell phone signals are
>>limited on the ground by buildings, ground clutter, etc. but once at altitude,
>>one phone can lock up a whole cellular network (or so I'm told). I'd assume
>>an HT could do the same thing to 2m repeaters.
>
>>Of course the airlines worrying about receivers is mostly overreaction. I
>>'spose something close to the cockpit could cause a navigation problem but
>>hell, the cockpit is using GPS and running tons of other equipment that's
>>probably cranking out enough RF to cook potatoes. You wouldn't think they'd
>>worry about someone way back in coach.
>
>> Greg Smith
>> AT&T Global Information Solutions
>
>Yeah, but don't forget that FAA rules explicitly prohibit the use of any
>transmitter during IFR operations unless the equipment has specifically
>been approved by the FAA for use during IFR.
>
>IFR is mandatory anytime above 18000 feet MSL, and since most carriers fly
>IFR virtually all the time, this means no transmitting! I have a 2M rig
>in my Cessna. We had to install a placard near that radio that reads:
>"Not to be used during IFR flight".
>
>As for receiving, or using Walkmans, I'm sure most of that is liability
>concerns on the part of the airline. Cell phones are specifically
>prohibited by the FCC from being turned on (since they transmit when your
>not using them) any time the "wheels leave the ground".
>
>Don't they still allow the use of laptops while in flight? I cant

>remember, but it seems to me they do, which is real interesting. I've
>seen some pretty noisy laptops, that perform better as transmitters then
>they do as computers, hi.
>
>--
>---
>| Robert Comperini, KN6EZ Packet: KN6EZ@KB6ZBI.#soca.ca.usa.na |
>| Lancaster, California E-Mail: robertc@qnet.com |
>---
>
Everyone check your FAR's. FAR 91.21, which applies to all pilots
reads as follows:

a) Except as provided in paragraph (b) of this section, NO person
may operate, nor may any operator or pilot in command of an
aircraft allow the operation of, any portable electronic device on
ANY of the following U.S. registered aircraft:
1) Aircraft operated by a holder of an air carrier operating
certificate or an operating certificate; or
2) Any other aircraft while it is operated under IFR.

b) Paragraph (a) does not apply to:
1) Portable voice recorders;
2) Hearing aids;
3) Heart pacemakers;
4) Electric shavers; or
5) Any other portable electronic device that the operator of
the aircraft has determined will not cause interference with the
navigation or communication system of the aircraft on which it is
to be used.

c) In the case of an aircraft operated by a holder of an air
carrier operating certificate or an operating certificate, the
determination required by paragraph (b)(5) of this section shall
be made by that operator of the aircraft on which the particular
device is to be used. In the case of other aircraft, the
determination may be made by the pilot in command or other
operator of the aircraft.

Bottom line: the Pilot In Command is the FINAL authority of what
can be used on their aircraft. However, the FAA and the company
that the PIC works for can and has set limits as to what the PIC
can authorize. Therefore, the PIC on a commercial flight can
restrict your use of equipment further than company rules, but not
relax them. There are NO carriers in the US (to my knowledge)
that allow ANY type of transmission device. Therefore, the PIC
can't allow it, either.

Wait till you get on the ground at your destination.

- Pete WB0FEW and owner of N205PL

PS. The FCC restricts the use of cellular phones to ground based
operations.

474. Re: Dual Paddle Keys

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 00:14:20 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3esjgs$nrj@omnifest.uwm.edu>
Source record: 253621

I really like my Jones Key. It's the only one that I've found that was heavy enough not to bounce around my desktop. (I should mention that I was a bug user the last time I was active in ham radio in the early 1970s.)

73,
Rick WB9GYT

475. PC clock goofs up software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 00:17:31 UTC
From: exuward@exu.ericsson.se
Message-ID: <3esjmr$na2@cnn.exu.ericsson.se>
Source record: 253622
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.space

The clock in our PC gets off about 2 minutes per hour. This causes a problem with the sat. tracking software. Is there a tsr that someone has written to correct this? There is no way to tune the crystal manually on the motherboard.

Thanks in advance,

Jerry Ward.

476. Re: "NO-CODE" Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 01:12:52 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D260pG.CGr@zeno.fit.edu>
Source record: 253623
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.SUN.3.91.950109023631.16997C-100000@access4.digex.net>,
Tony Stalls <rstalls@access4.digex.net> wrote:
>
>I support restoring the principle where having advanced copies of tests or
>question pools constitutes cheating and disallowing VEC's having any
>control over test content. There was also nothing wrong with the
>licensing structure and associated privileges that existed before the
>"Novice Enhancement."

you forget about organized efforts like Bash and the ARRL pubs that contained
information about what the test was probably going to be like. yes, the
ARRL didn't do the organized data collection that Bash did, but i would
seriously believe they would listen to feedback about what was or wasn't
on a given exam.

public question pools solve that problem. they also permit everyone to
check up on everyone else as far as cross checking exams from different
VECs go. It's OK for the FAA..and aren't the commercial exams like
this as well now? (with published question pools and all that).

Now as far as 1987 novice enhancement -- yes there was something wrong.
Upgrading to Tech from Novice lost your Novice privileges. somehow
when the tech was created it wasn't seen as a step on the staircase, but
as a stub on the tree trunk. that's fixed now.

as far as someone providing advanced copies of a specific exam for review
before it's taken by the candidate, i would agree that sounds like cheating.
if you have specific information of when and where this occured, i'm
certain the VEC groups would love to hear the details and would take
action to stop the practice.

that reminds me, it's time to make up some new exams that come from the pool
but yet are something that's probably never been seen before thanks to the
personal computer and laser printer.

73,

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

477. Re: Visiting Limey looking for Ham Radio Stores in Ma, Ct, Ga, Fl

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 01:20:14 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D2611q.Co0@zeno.fit.edu>
Source record: 253624

clearwater and orlando i would suppose would mean a trip to
amateur electronics supply....
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

478. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 01:54:15 UTC
From: sbertsch@magnus.acs.ohio-state.edu
Message-ID: <3espc7$nm5@charm.magnus.acs.ohio-state.edu>
Source record: 253625

I've seen lots of comments in this thread about TVI (or the lack of it), but so far nobody has mentioned that Crowning Achievement of Cheap Tiawanese Technology, you guessed it, cordless phones. All of your neighbors have at least ten of these (one for each channel), and probably two or three baby monitors to boot - all waiting for any signal even close to 49 MHz to slide in the barn door.

Or am I just being paranoid?

Steve N8KWV

479. Re: SXA 33 calligest V95 #27

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 01:55:14 UTC
From: IQC109@uriacc.uri.edu
Message-ID: <199501100200.SAA22592@ucsd.edu>
Source record: 253626

Tom...I also copied this call. I have it logged on Jan. 3, 1995 on
3.713 Mc . I did recorded 21:52 UTCe...I was just hacking around
listening. I thought SX was Greece. A friend of mine said it was
probably some kind of beacon. I have noticed the other kinds you mention..
with about 6 'V's' followed by several CQ's and a QSX and then a
frequency. Very strange. I often will find 3 or 4 or these right after
another and they are not even in ham bands (at least not USA).
I can't really help here but I couldn't resist commenting...it's great
to see that I am not crazy and just hearing things!..I'll keep
listening...maybe we should post in the SWL List...73 de KB1AWV
IQC109@URIACC.URI.EDU

480. SoundBlaster as a Digital Voice Keyer

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 02:39:03 UTC
From: n9ljx@en.ecn.purdue.edu
Message-ID: <3ess07$8mu@mozo.cc.purdue.edu>
Source record: 253628

It is time to try and incorporate the Christmas gift into the hobby.
Is it possible to use a Soundblaster SB-16 as a digital voice keyer
for contesting/dxing? If so what software/hardware do I need to drive
it? Is there shareware available to do it? I don't mind doing my own
research, but I need some gentle pointers in the correct direction.

TNX es 73,
--scott N9LJX

481. 10m Mobile Gear for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 03:37:03 UTC
From: jtriolo@delphi.com
Message-ID: <9501092238591.The_Win-D.jtriolo@delphi.com>
Source record: 253630

FOR SALE:

Realistic (Radio Shack) HTX-100 ten meter xcvr

Covers 28.000 to 29.699 MHz, USB/CW only
5/25w output, 10 memory channels, up/down controls on microphone for
memory/VFO.

Includes mag. mount antenna tuned for band, all equipment in good,
unmodified condition. Asking $100 for both antenna and rig. Will sell as
package only. I will cover shipping costs to any USA address.

I also have a second HTX-100 microphone, 8-pin plug. Make me an offer if
interested.

Direct all inquiries to me via email at jtriolo@delphi.com

Jason Triolo, KD4ACG
jtriolo@delphi.com
Colonial Heights (Richmond), VA

482. Radio Hams Wanted- Aberdeen U

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 05:35:47 UTC
From: leonmac@ccnet.com
Message-ID: <3et6bj$le6@ccnet3.ccnet.com>
Source record: 253632

In 1995, the University of Aberdeen in Scotland will celebrate its Quincentenary - it was founded in 1495 by Bishop Elphinstone under the patronage of King James IV of Scotland. At this time, there were only four other universities in Britain - St Andrews and Glasgow Universities in Scotland, and the Universities of Oxford and Cambridge in England. The next quincentenary to be celebrated by a British university will be towards the end of the next century, so this marks a very special event in our history.

The University intends celebrating its 500th anniversary by a series of events held throughout the Highlands and Islands of Scotland, but would also like to give the opportunity to those in other countries to join in our celebrations. As part of our celebrations, we will be hosting an international amateur radio link, whereby, using a special call sign GB500AU, amateur radio users throughout the world will be able to call us at the University to join us in celebrating our Quincentenary.

To this end, a special events station will be based in the University, and will operate between 9.00am and 5.00pm GMT from 10 - 12 February and from 9.00am and 9.00pm from 13th - 16th February, both dates inclusive. February 10 has been selected as the starting date as this is "Founder's Day".

The team manning the equipment will be able to send and receive on the 80, 40, 20, 15, 10 and 2 metre bands.

Further information can be obtained from Donald Paterson, Centre for Continuing Education, Aberdeen University, Scotland. Email ADE011@Aberdeen.ac.uk Or fromThomas Wratten - GM4 CAU

483. PC clock goofs up software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 05:38:02 UTC
From: jangus@skyld.grendel.com
Message-ID: <789716282snx@skyld.grendel.com>
Source record: 253633

In article <3esjmr$na2@cnn.exu.ericsson.se> exuward@exu.ericsson.se writes:

> The clock in our PC gets off about 2 minutes per hour. This causes a problem
> with the sat. tracking software. Is there a tsr that someone has written to
> correct this? There is no way to tune the crystal manually on the motherboard. >

I had a problem with this while running JNOS. Several versions and on
both a 286 and a 386sx. Finally, I removed both Microsoft Mouse and DOSKEY
from the autoexec.bat file and the problem went away.

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

484. Re: No-Code Tech operating in Canada?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 05:39:49 UTC
From: ve4mjm@draco.bison.mb.ca
Message-ID: <3et6j5$ot7@draco.bison.mb.ca>
Source record: 253634

leblancm@gel.ulaval.ca (Mario Leblanc) writes:

> In a nutshell, someone without code privileges can do most anything
>above 144 MHz (including code!), provided the transmitter is an unmodified,
>commercially bought unit. Hope this is helpful. 73.

That should read "above 50 Mhz." 6 meters is permissable (sp?) without a
Morse code license.

> Mario Le Blanc, VE2GTP

--
Michael Markmann VE4MJM | Univ. of Manitoba Computer Engineering
ve4mjm@draco.bison.mb.ca (Internet) |
ve4mjm@ve4umr.ampr.org (Internet) | ERROR! REALITY.SYS Corrupted!
VE4MJM@VE4KV.#WPG.MB.CAN.NOAM (AX.25) | Reboot UNIVERSE.EXE!
Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

485. Re: PCMCIA TNC ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 06:22:39 UTC
From: phr@netcom.com
Message-ID: <phrD26F1r.B7r@netcom.com>
Source record: 253635
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

In article <D1rq33.Eo@paonet.org>, Roger C. Pao <rpao@paonet.org> wrote:
>scotte@ccs.neu.edu (Scott Ehrlich) writes:
>>Does anyone know if any manufacturer plans to market any PCMCIA type II TNC?
>>I have a laptop now, and it would be wonderful to keep the serial port
>>free for other uses and just use the PCMCIA port.
>
>Might be easier to just get a PCMCIA serial port. There's one at Fry's
>Eletronics, from Soquet, but it's FCC Class A.

But then you'd need an external TNC, or at least a modem.

More interesting, I think, would be to use a PCMCIA *sound card*, and
do the modem, HDLC, and other TNC functions completely in software.
This could be done either on the host or (for some pcmcia sound cards
that contain programmable DSP's), the modem functions could be
offloaded to the pcmcia card itself.

486. DCI Address + Tel. # ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 06:40:09 UTC
From: RHAREL@f8maf1.jer.INTel.COM
Message-ID: <9501100640.utk22569@FAB8.intel.com>
Source record: 253636

I would like to purchase the DCI-100 PC plug-in board. This board allows
the user to store voice mail on the hard disk of his PC and interfaces
to a transciever. The old address and phone # I have of DCI is obsolete
and I need an updated Tel. # to order the board.
The company - Digital Communications Interface (?) - was run by Ralph Olds
and was in BC, Canada.
Any info would be appreciated.
Please E-Mail directly as I don't subscribe to this forum.
73,
Rich
WB2JBS

487. Transistor Radios Still Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 06:40:46 UTC
From: ap451@yfn.ysu.edu
Message-ID: <3eta5e$lul@news.ysu.edu>
Source record: 253637
Cross-posted to: rec.antiques.radio+phono,rec.collecting,misc.wanted,misc.forsale,rec.radio.swap,rec.radio.amateur.misc

I'm still looking for old 50s and early 60s transistor
radios. These are the small kind made of plastic (sometimes with
metal trim) and were usually made in the US or Japan.
Let me know what you have by emailing me information...
the name and model number (if you know it), whether or not it
works (hopefully but not required) and has the box (not necessary
but adds to the value). If the radio is in poor physical shape, the
value is much less from a collecting standpoint. I'll pay $10 to
$40 for most radios, but a few radios may merit far more
(Sony TR-55 and TR-63, Regency TR-1, Toshiba 5TR-193,
for examples).

Keep me posted with asking price if possible; thanks again; and 73
de WA4FJF.

Randy
email: ap451@yfn.ysu.edu

--

Randy Padawer, P.O. Box 1167, Knoxville, TN 37901-1167 U.S.of A
Internet: ap451@yfn.ysu.edu America Online: "Ad Randy"
Telephone: (615) 637-7263 Ham Radio op: WA4FJF & a groovy guy

488. Do NTSC TVs work on 50 Hz power?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 07:21:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F12360C@smtp>
Source record: 253638

Sure they do!
And your NTSC TV will show you pictures, in B/W, with no sound!
Most equipment built these days does NOT derive clock signals from the power, so dont worry.
Best thing is to get just a PAL tuner and converter (about $500) and connect it to your VCR and TV. Or sell it all and get multi-standard equipment from places like 47th street photo in New York.
Best,
Peter KC1QF (living in Belgium).

489. 20m sched wanted for Atlantic Maritime Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 07:43:43 UTC
From: kwalker@qb.island.net
Message-ID: <3etdrf$7uj@qb.island.net>
Source record: 253639

I will be crewing on an Atlantic yacht delivery in the next few weeks. It will be either from South Carolina to the Caribbean or from France transatlantic. Where and when is not set yet but the trip may start on short notice. I will be leaving by the end of this month.

I am hoping to track down a group of few amateurs willing to keep an informal sched with me on 20m. I will be packing an MFJ 20m qrp ssb travel radio and a dipole. I have the idea that my 10 year old son Adam will pick up email here for me so the kids can post the position we are at on the world map. Should be fun.

Interested? Let me know at kwalker@qb.island.net. Call will be VE0MUK/MM. Home call is VE7KGW.

73 de Ken.

490. Baypac BP-1 Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 08:16:48 UTC
From: sphillip@nyx10.cs.du.edu
Message-ID: <3etfpg$cbe@nyx10.cs.du.edu>
Source record: 253640

Does anybody know of ANY software other than Baycomm that will work with the above Packet or of any drivers that will let me use it with other programs? I REALLY HATE BAYCOM and Tigertronics said there were Lots of programs that support it. Any help would be appreciated, thanx...

73 DE KB0OLF
Steve

491. Re: Dual Paddle Keys

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 09:25:17 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3etjpt$19bm@info4.rus.uni-stuttgart.de>
Source record: 253641

>I have two questions, 1) are there other keys that I should
>be looking at, 2) has anyone any comments on the above keys?

I am using the Schurr- key. Its may be not as fast as the Bencher,
but it's very sturdy.

73, Moritz DL5UH

492. Re: Who is EA9IE?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 09:50:04 UTC
From: kebsch@pdb.sni.de
Message-ID: <3etl8c$ss0@nanette.pdb.sni.de>
Source record: 253643

In <bshirley.3.000C0E19@computek.net> bshirley@computek.net (Bob Shirley) writes:
> > .. before I start to call in a pile-up I know the callsign,
> > the qsl route and the name of the operator and .... hi, hi.
> >
> > Sorry, I could not resist. :)
> >
> > 73 de DK3VN
> > Waldemar

> Waldemar ....

> One of the primieval, absoute truths promulgated by the long
> toothed, wise old DXers that desend from the mountaintops to
> guide and teach the neophyte locals is the following:

> W F W L

> (Work'em First, Worry Later)

> 73 es gud dx de (neophyte local) kf5dx bob

Dear Bob,

I am not a wise old DXer. Since Sep'94 I am back on the SW-Bands (40/20/15/10m)
and the reason, why I know all the data before I start to call in a pile-up is
very simple. I am just running a 25 years old tranceiver with 120-180 watts and
a simple trapped groundplane (Made in Germany :-). With this simple equipment
I got rabbit ears and I have learned to hear what's going on ...., hi, hi.

(Sorry for my English :-)

Have fun .. 73 de DK3VN
Waldemar

--
Waldemar Kebsch (dk3vn), c/o Siemens Nixdorf Informationssysteme AG,
33106 Paderborn, Federal Republic of Germany, E-Mail: kebsch.pad@sni.de

493. Re: No-Code Tech operating in Canada?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 10:23:28 UTC
From: aa770@cfn.cs.dal.ca
Message-ID: <D26q75.Iy6@cs.dal.ca>
Source record: 253642

D Morgan (dmorgan@uoguelph.ca) wrote:
: A question:

: Is a US no-code tech allowed to operate in Canada? I know there are
: reciprocal operating privleges for the other classes, but obviously the
: no-code tech doesn't know code :) So, are they allowed to operate in
: Canada, or not?

Yes under the same limitations as your license back home so if are limited
to above 30 mhz by virtue of your license then you are entitled to operate
above 30 mhz in Canada , The only confusion I can think of and maybe some
one else will answer is can a general in Canada operate through out the
bands or is he/she limited to the same portions as if it at home?
Hmmmmmmmm......
I know that when traveling in the US I am limited on the HF bands from
operating below 14.150 on phone.....as an example......
Hope this answers your question
73's de Rob.....
ve1bt

____
| /_ /_ / |
| Robert Harplle / /| / Net: aa770@cfn.cs.dal.ca |
| Callsign VE1BT | ve1bt@fox.nstn.ca |
| Locator FN84il AX.25 VE1BT@VE1BBS.#HFX.NS.CA.NOAM |
| Dartmouth, Nova Scotia | Canada |
|____|

494. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 12:23:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.21006.7585.0NFB8BAF@woodybbs.com>
Source record: 253644

```
The following files were processed Tuesday 01-10-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

SV_NCRPT Automatically added area
--------------------------------------------------------------------------------
SECUREML.ZIP 8,004 SecureMail Information Package
--------------------------------------------------------------------------------
8,004 bytes in 1 file(s)

SV_QUAKE Automatically added area
--------------------------------------------------------------------------------
94EQCA50.ZIP 109,864 CDMG Earthquake Maps and Reports for Week 50, 1994
94EQCA51.ZIP 119,887 CDMG Earthquake Maps and Reports for Week 51, 1994
95EQCA01.ZIP 72,029 CDMG Earthquake Maps and Reports for Week 1, 1995
CALQUAKE.TXT 34,944 Notable California Earthquakes from the 1700's
CT010495.GIF 10,240 CalTech Earthquake Map for 12/29-1/4, 1995
CT010495.TXT 6,694 CalTech Earthquake Report for 12/29-1/4, 1994
CT122194.TXT 5,866 CalTech Earthquake Report for 12/15-12/21, 1994
CT122894.GIF 10,240 CalTech Earthquake Map for 12/22-12/28, 1994
CT122894.TXT 6,280 CalTech Earthquake Report for 12/22-12/28, 1994
GS94PSN0.TXT 11,136 New Project Proposal
LEMANSEI.ZIP 308,915 Information about Lehman Seismographs
PENDULUM.ZIP 2,877 Text about Seiesmic Pendulums
QS941233.GIF 10,240 CalTech Earthquake Map for 12/15-12/21, 1994
USGS0105.ZIP 64,687 USGS Earthquake Maps and Reports for 12/29-1/4, 1995
USGS1222.ZIP 77,677 USGS Earthquake Maps and Reports for 12/15-12/21, 1994
USGS1229.ZIP 71,202 USGS Earthquake Maps and Reports for 12/22-12/28, 1994
--------------------------------------------------------------------------------
922,778 bytes in 16 file(s)

Total of 930,782 in 17 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1
```

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 199e7c0a Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

495. Re: Visiting Limey looking for Ham Radio Stores in Ma, Ct, Ga, Fl

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 13:01:58 UTC
From: brunelli_pc@delphi.com
Message-ID: <JM3Y5ae.brunelli_pc@delphi.com>
Source record: 253645

"\"Mike Gathergood G4KFK" <Mike@g4kfk.demon.co.uk> writes:

>Can anybody recommend any good Ham Radio stores with secondhand stock in
>the following areas:
>
>Boston and Chelmsford, Ma
>Conneticut
>Atlanta, Ga
>Tampa, Clearwater, Largo, Sarasota and Orlando, Fl

In Connecticut, try

Lentini Communications, Newington (near ARRL)

Rogus Electronics, Southington

GL OM

n1qdq

496. Re: PC clock goofs up software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 13:46:01 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1995Jan10.134601.26495@rsd.dl.nec.com>
Source record: 253646
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.space

In article <3esjmr$na2@cnn.exu.ericsson.se>, exuward@exu.ericsson.se (Gerald Ward) writes:
|> The clock in our PC gets off about 2 minutes per hour. This causes a problem
|> with the sat. tracking software. Is there a tsr that someone has written to
|> correct this? There is no way to tune the crystal manually on the motherboard.

This is a problem common to all DOS machines. The crux of the problem
is that the PC's hardware clock is only read at boot time (by MS-DOS).
After that the Time-of-Day clock is updated by a software interrupt
which simply adds a clock tic to a counter which is, in fact the TOD
clock. If your system is 100% CPU bound, as it surely is running a sat
tracker, there is little spare time to update the TOD clock. A possible
solution would be to write a TSR to re-read the hardware clock and
update the TOD clock.

Another possible solution is to run your sat tracker under Linux,
Windows NT or OS/2 since they do not suffer from this brain damage.
I run SatTrak 3.8 under Linux and NT with no worries.

Best,

dave
==========
Dave Rogers Internet : dave@rsd.dl.nec.com
M & R Software, Inc. or : mandr@ix.netcom.com
Plano, Texas AMPRnet : kc5iye@dfwgate.ampr.org
CIS : 76672,2455

In the absence of leadership, we have decided to follow ourselves.

497. RE: Info-Hams Digest V95 #29

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 15:05:07 UTC
From: ODONNELLP@MAR65.MAR.ORA.FDA.GOV
Message-ID: <950110100507.b14@MAR65.MAR.ORA.FDA.GOV>
Source record: 253647

Re: RF fingerprinting

Absolutely! It has been used by intelligence agencies for decades as one method of confirming the identity of intercepted signals. However, as Gerry points out, there are many obvious questions regarding the validity of the "id" in a legal sense. But, is it possible, and technically feasible; without question.

Paul
WB2OYC

498. Re: Honest Info on 6 mtrs.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 15:09:01 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan10.150901.10665@ke4zv.atl.ga.us>
Source record: 253648

In article <3espc7$nm5@charm.magnus.acs.ohio-state.edu> sbertsch@magnus.acs.ohio-state.edu (Steve Bertsch) writes:
>I've seen lots of comments in this thread about TVI (or the lack of it), but
>so far nobody has mentioned that Crowning Achievement of Cheap Tiawanese
>Technology, you guessed it, cordless phones. All of your neighbors have
>at least ten of these (one for each channel), and probably two or three
>baby monitors to boot - all waiting for any signal even close to 49 MHz
>to slide in the barn door.

Just remind your neighbors that barn doors work both ways. You hear
the darnedest things on a "baby" monitor, like "Oh, baby, yeah, baby".
:-)

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

499. Re: Chicago Area Boy Scout Drill - Help Needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 15:23:48 UTC
From: hopken@interaccess.com
Message-ID: <hopken.19.001539ED@interaccess.com>
Source record: 253663

In article <hopken.18.006522B3@interaccess.com> hopken@interaccess.com (Ken Hopkins) writes:
>From: hopken@interaccess.com (Ken Hopkins)
>Subject: Chicago Area Boy Scout Drill - Help Needed
>Date: Mon, 9 Jan 1995 20:57:31

>On Saturday, March 16th, the Northwest Council of BSA will host a simulated

Sorry, I goofed the date. It's Saturday, March 11th.

Sorry again; mea culpa.
==========
Ken Hopkins WA9WCP | Internet - HOPKEN@interaccess.com
Disaster Team | AMPRnet 44.72.1.162
American Red Cross | AX.25 WA9WCP@W9ZMR.IL.USA.NOAM

500. Re: Techs should've gotten 2x3 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 16:04:38 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <3eub6m$g81@spool.cs.wisc.edu>
Source record: 253649

prvalko <prvalko@saturn.acs.oakland.edu> wrote:
>Andrew C Robertson (drewbob@mit.edu) wrote:
>HUH??? I am a student of callsigns and I can NEVER remember 1x3's being
>"given" out to ANY class of license (of course excepting the original
>W's and K's).

What we have here is a simple failure to communicate...

All of the Techs are getting 1x3s (except where they are depleted). Then,
there's always me, who has a 1x3 despite my extra status. It has a nice shock
effect when people run my callsign through the database.

I never upgraded because:

1) I had ham plate, hats, cards, etc. that would have been wrong.
2) I missed WZ9Z by a few weeks, and didn't want an AA9?? call...
--
Jason J. Hanson | 1013 Milton St. #203 | (608) 251-0561
University of Wisconsin | Madison, WI 53715 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =*+++*= Proud Democrat, Badger fan, speeder --

501. Re: Dual Paddle Keys

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 16:18:29 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3euc0l$t2b@omnifest.uwm.edu>
Source record: 253650

There was an article published in a December issue of 73 two or three years ago (1992, I believe) that was a comprehensive run-down of the various CW paddles available at that time. I eventually got a Jones Key-- it was the only one heavy enough not to dance around my desktop. Perhaps I should mention that I'm a former bug user, so my fist may be more 'ham-handed' than those who first learn on a paddle.

73,

Rick WB9GYT

502. Re: Where to get Tech exam in SF BA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 17:11:31 UTC
From: kreifels@intel.com
Message-ID: <kreifels.789757891@fmwu23>
Source record: 253651

sbixby@crl.com (Steven W. Bixby) writes:

>Can someone point me out to a club (phone #?) that resides in the San
>Francisco Bay Area, preferably between San Mateo and Redwood City, that
>will be giving exams in the near future?

I got this info from World Radio Magazine, Feb. Issue. My Bay-area
geography is poor, but maybe one of these will be convenient. Dates were in
March, but many have monthly exams, so try these contacts:

3/19/95 Berkeley, Gary, N6YBD, (510)530-0544
3/18/95 Redwood City, Joe, KB6OWG, 145.23(-) PL=100 NO PHONE LISTED
3/07/95 Fremont, Greg, KJ6EP, (510)791-6818
3/18/95 Vacaville, Barbara, KM6AC, (707)429-4878
3/11/95 Sunnyvale, (408)255-9000 24hrs

Hope something here helps.

Jerry, KO6JV, Sacramento area
Jerry_A_Kreifels@ccm.hf.intel.com
"My opinions, not Intel's"

503. Re: Membership Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 17:54:50 UTC
From: galvin@kingfisher.AUd.alcatel.COM
Message-ID: <9501101754.AA23913@kingfisher.aud.alcatel.com>
Source record: 253652

Are there any good programs out there for Club membership rosters and mailing lists?

Thanks, John

Garland Amateur Radio Club - Garland, Texas

~~~~~~
John R Galvin N5TIM Alcatel Network Systems
galvin@aud.alcatel.com Richardson, Texas
N5TIM@N5LDD.#DFW.TX.NA (214) 996-5749
Confederate Air Force - Marshalling Detachment
"From crisis to crisis with enthusiasm"
~~~~~~~~~~~~~~~~~~~~~~~~~ My opinions are mine ! ~~~~~~~~~~~~~~~~~~~~~~~

504. Re: Keyers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 18:18:36 UTC
From: gordon@westford.ccur.com
Message-ID: <D27C72.2tJ@westford.ccur.com>
Source record: 253653

In article <kell-0901951056290001@netguy.jsc.nasa.gov>,
Ted Kell <kell@mpac.jsc.nasa.gov> wrote:
>Recently, I have seen mention of three types of keyers, no memory - push
>the dah and it makes dahs, push the dit and it dits; mode a - push the dah
>and then the dit and it alternates, and mode b - which does something
>else.
>
>Am I correct is this? What is mode B and how does it work?
>
>73
>
>--
>Ted Kell@mpac.jsc.nasa.gov
>KC5CUW/AA

All iambic keyers exibit the first part of your description, press one side and you get a string of dits, press the other side and you get a string of dahs. If you press both paddles at the same time, you get alternating dits and dahs. The string starts with whichever side you press first. For instance, if you press the dit paddle, and then while the first dit is going, you press the other paddle and then hold both, you get alternating elements with a leading dit.

The two modes, A and B, refer to what happens when you release the paddles. I can never keep straight which is mode A or mode B, but one of the modes stops at the end of the current element, while the other sends one more element of the other type. The timing is quite critical on when you press the paddles.

To send a Q for instance, - - . -

One mode: Press the dah paddle, hold until the second dah, quickly press the dit paddle while still holding the dah to insert a dit after the second dah. Release the dah paddle while the last dah is going.

Other mode: Almost the same, except if you hold the dit paddle a tiny bit too long, you get another dit after the final dah. (I think I got it right)

The difference between mode A and mode B is subtle in how you have to handle the paddles. The second mode drives me crazy, I like the first. This is a personal preference sort of thing. With the wrong mode, I insert extraneous elements.

Gordon Weast
WA9WTK

gordon@westford.ccur.com

--

505. FCC electronic filing bogus! Takes 4-6 weeks !!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 19:28:26 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3eun4q$jkv@fohnix.metronet.com>
Source record: 253654
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

I passed no Technician test on 1/1/95 and paid $3 extra for the new
electronic filing that is supposed to take less than one week to
receive a liscense. I just contacted them to get my call letters and
was told they don't have an electronic feed yet and so the wait
will be 4-6 weeks even though I filed electronically !!!

Looks like there is no point paying the extra $3, since it will take
the same amount of time regardless.

Typical government agency, dragging their tail and taking forever
to get things done.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|
----

506. Re: Where to get Tech exam in SF BA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 19:42:22 UTC
From: sbixby@crl.com
Message-ID: <3eunuu$ber@crl.crl.com>
Source record: 253655

Steven W. Bixby (sbixby@crl.com) wrote:
: Can someone point me out to a club (phone #?) that resides in the San
: Francisco Bay Area, preferably between San Mateo and Redwood City, that
: will be giving exams in the near future?

: I am ready for my no-code Technician's exam anytime soon, and would like
: to get my ticket SOON so I can use my 6m R/C gear!

As a followup to my own post...

I've had several responses, and the summary is to call the Sunnyvale VEC voice recorder line, at 408-255-9000. Apparently there are monthly exam periods at the Ampex cafeteria, and the next two scheduled ones there are Jan 21st and Feb 18th.

Now if I can only get through to the message line, it's busy!

Thanks for the help!
--
-swb- (Steve Bixby, sbixby@crl.com)

507. Re: FCC electronic filing bogus! Takes 4-6 weeks !!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 20:18:49 UTC
From: jlloyd@cs.clemson.edu
Message-ID: <3euq39$d41@hubcap.clemson.edu>
Source record: 253656
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Don't complain. I have had to wait since November 5, 1994.

John

P.S. I upgraded from Tech Plus to Advanced in the meantime.

508. How do I access DX reflector

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 20:24:05 UTC
From: ku9c@aol.com
Message-ID: <3euqd5$382@newsbf02.news.aol.com>
Source record: 253657

Need help accessing the DX reflector. HELP!

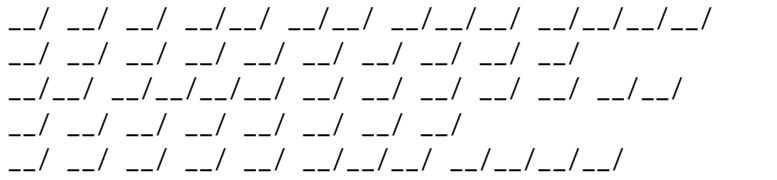
509. Re: Liberty Ship Hiram Percy Maxim?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 20:37:27 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.789770247@melpar>
Source record: 253658

faunt@netcom19.netcom.com (Doug Faunt N6TQS 510-655-8604) writes:

>Close, but not quite.
>There was one named the Hiram S. Maxim, built in Richmond CA in March
>1943. She was damaged by aircraft bombs off Algeria in April of '43,
>repaired, returned to service, later was in the Reserve Fleet, and
>scrapped in August 1965.

And wasn't it Hiram S. who invented the machine gun? That would
explain having a ship named for him.....anyone got an encyclopedia handy?



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

510. Re: RS-15 experiences yet?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 20:45:24 UTC
From: dbashaw@synoptics.com
Message-ID: <3eurl4$c58@inn.synoptics.com>
Source record: 253659

In article hmb@vixen.cso.uiuc.edu, tigger@prairienet.org (Sean E. Kutzko) writes:
>
>In a previous article, price@cod.NOsc.MIL (James N. Price) says:
>
>>-------
>>I see on the local DX PacketCluster that RS-15 has been launched, the up
>>and down links and the Keps have been posted, etc. Anyone made a contact
>>yet? With the higher altitude orbit, longer distance QSOs should be
>>possible than with RS-10 or RS-12. But it may take a bit more power to hit
>>it--or maybe it has a much better Rcvr?
>
>I was unaware that there was a new RS satellite being launched. Does it
>have a 15m up/10m down split?
>
>Thanks,
>
>Sean
Perhaps if it does the 15m/10m split the 15m link can be put in the
general portion of the band rather than the advanced portion like the
previous one did so more hams could use it. However, as I write this
I'm reminded of a thread here about the incentive licensing structure.
Maybe this is some incentive to advance. Maybe! But not much. Since
I dont chase DX there is no reason to upgrade at all!!!!

(empty lines to keep the anal-retentive news software happy)

Dave
wa6qwl

511. Re: O Hamfest Gurus...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 20:49:45 UTC
From: smithson@rosharon.wireline.slb.com
Message-ID: <3eurt9$lvj@sndsu1.sedalia.sinet.slb.com>
Source record: 253660

In article <3esci9$gcl@fido.asd.sgi.com>, Aditya Angrish <aditya@corp.sgi.com> says:
>
>
>I am planning my first visit to a hamfest/flea in the near future.
>Any hints as to how to snag the best deal, what is the accepted mode of
>depleting my bank account (greenbacks, checks (cheques), VISA/MC),
^^^^^^^^^
I suggest, if you want to buy a big ticket item you bring the cash. My
experience has been most hamfest sellers want green. Not checks. You can
use the VISA/MC at the commercial vendors however, so don't leave them at
home.

>deleted<

>So I need to get *everything*. (not necessarily all at the flea market)
>more deleted<

I would suggest you find an Elmer before you go. You need someone who
can look at equipment and determine the value to you more than the value
of the equipment. You may not need a TS-950SDX just yet (don't expect you
to find a used one there anyway.) but you could find plenty of useful
gear.

Another suggestion is to go in armed. Get a copy of Ham Trader's or look
into QST or CQ want ads and see what the equipment is going for. You may
have to pay more or less depending on the person you're dealing with but
at least you want pay $700 for an HW-101 - MINT.

Have fun, spend some for me.
73
Tony, KN4TX

512. Re: 468MHz tx on FT530 Possible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 21:01:27 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <3eusj7$7dl@vixen.cso.uiuc.edu>
Source record: 253661
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <3euo7f$e93@nntp.interaccess.com>, vuckovic@flowbee.interaccess.com (George Vuckovic) writes:
>Howdy...
>
>I've acquired a Yaesu FT530, which came with the extended tx/rx mods
>already performed. It says that it should be able to tx up to 470MHz,
>but it fails at 467. What happens is that I push the ptt, the TX light
>comes on, (no signal present on other radio), and then the TX goes off,
>with me still pressing the ptt. Anyone else have such a problem?
>

I have bought a 2WD car, and it gets stuck in the mud. Also, over 120 mph it is unstable and noisy. Anyone else have such a problem?

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

513. Re: FCC electronic filing bogus! Takes 4-6 weeks !!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-10 22:09:33 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Jan10.170933.1@miavx3>
Source record: 253662
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

In article <3eun4q$jkv@fohnix.metronet.com>, copeland@fohnix.metronet.com (Charles Copeland) writes:
> I passed no Technician test on 1/1/95 and paid $3 extra for the new
> electronic filing that is supposed to take less than one week to
> receive a liscense. I just contacted them to get my call letters and
> was told they don't have an electronic feed yet and so the wait
> will be 4-6 weeks even though I filed electronically !!!
>
> Looks like there is no point paying the extra $3, since it will take
> the same amount of time regardless.
>
> Typical government agency, dragging their tail and taking forever
> to get things done.
>
> --
> ---
> | There are two types of people in this world, those who separate |
> | people into groups,and those who don't. copeland@metronet.com|
> ---

First time I've heard of the $3 fee. Wonder to whom it was paid? The FCC? The VEC?

73 >< Carl

514. Re: REPEATER CONTROLLER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 00:33:33 UTC
From: dts@peanut.senie.com
Message-ID: <3ev91g$3ps@nic.iii.net>
Source record: 253664

In article <1995Jan5.140100.16028@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <3ef4bq$859@freenet.vancouver.bc.ca> jerrys@freenet.vancouver.bc.ca (Jerry Sturge) writes:
>>
>>I am about to go out and purchase a repeater controller for our
>>club's repeater. I would appreciate hearing any comments as to
>>what you guys can recommend. Make, Modem, Cost, Features.
>
>I use the S-Comm 5K. It's simple, small, and reliable. It cost
>$250 with rack mount option (1 rack unit). It runs off 12 volts
>at a couple hundred mils, has provision for CTCSS and/or carrier

I'll second Gary's recommendation of S-Com. The 5K is a really nice
controller for most applications. If you need a phone patch, the 6K
has a phone patch option. The 7K adds voice features (which I am not
too wild about, but a lot of folks seem to enjoy). Delay line options
are available on all of them, I believe, which eliminates the squelch
tail noise.

The fellow who runs S-Com is very responsive and prodices a nice product.

Dan
--

Daniel Senie Internet: dan@senie.com, dts@iii.net
Daniel Senie Consulting n1jeb@senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

515. Re: UHF Tiny Transmiter.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 02:18:51 UTC
From: tcmayo@eng106.PSF.GE.COM
Message-ID: <3evf6b$onk@eng106.PSF.GE.COM>
Source record: 253665
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <3er2vr$2k6u@ilx018.iil.intel.com>, <ykeinan@iil.intel.com> wrote:
>
>I am interested to build/buy tiny UHF transmitter for monitoring wildlife
>activity. Any help would be appreciated.
>Thanks

I would be interested in seeing any simple plans or references to QST
for this purpose as well---especially 70 cm FM.

Thanks

-Tom Mayo N1RMU tcmayo@mntr02.psf.ge.com

516. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 04:24:24 UTC
From: kjn@netcom.com
Message-ID: <kjnD2848o.Gy6@netcom.com>
Source record: 253674
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Grady Ward says:
" Richard A. De Castro (decastro@netcom.com) wrote:

" : >For national park use - a transceiver modified to xmit in the bands
" : >the rangers use. Again, life or death.

Not to detract from the other thread about "kerchunking" (which was RIGHT
ON... it really DOES piss off the feds!)

If you want to reduce part of the problem use a commercial grade
(type approved) radio for the ham band rather than a modified ham radio
on the pub safety band. then you at least reduce the charge of using
non-type approved equipment to, maybe, harmful interference and
transmitting without a license.

Remember the guy in San Diego County who broadcast on the S.O. freq to
request medical aid for a crashed mtn. biker with a severe head injury.
He was out of range of ham rptrs but was able to access the Sheriff's.
He had his radio confiscated and was facing possible criminal charges.
The DA decided to drop the charges when faced with public outcry.

I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
he radio although hams in the area offered to replace the one commandeered
by the San Diego Sheriff.

" : Aside from the legal issues, which we thashed out a week or two ago, how are
" : you going to get the repeater frequencies? Most frequncy books don't
" : have the input frequncy or the CTCSS/DPL code, and even most of the few
" : that have them don't give you the correct pairings.

Guess you're using the wrong freq list...
Many of the California ones DO offer just that information. (and we
appreciate it VERY much)

Another option that I really don't recommend is to carry an ELT or EPIRB.
It may take a few more orbits of a satellite to pinpoint your location
but it would certainly bring a few folks within range of your handheld.
Maybe you'd want to try to talk to the CAP on 148.150 Mhz when they get
within range.:)

Uh... you didn't hear that from me :(

-Ken Navarre-
--

517. Re: Why are we called HAMS???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 04:58:46 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3evoi6$462f@blue.weeg.uiowa.edu>
Source record: 253666

Why not?

rw

518. Re: Scottsdale hamfest? when

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 05:20:21 UTC
From: rrk@news.ramp.com
Message-ID: <3evpql$d3e@taz.ramp.com>
Source record: 253667

Russell Gore (russ@primenet.com) wrote:
: When is the Scottsdale hamfest, all I have hurd is sometime in March.
: Does anyone have some exact date so I can make airline reservations?
: Thanks Russell WL7AG russ@news.primenet.com

The hamfest is scheduled for March 11, 1995 from sunrise to about 3 pm.
--
Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there is
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | a fault in reality.
Phoenix, AZ email: rrk@ramp.com |

519. Re: Scottsdale hamfest? when

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 05:24:31 UTC
From: rrk@news.ramp.com
Message-ID: <3evq2f$da6@taz.ramp.com>
Source record: 253668

Russell Gore (russ@primenet.com) wrote:
: When is the Scottsdale hamfest, all I have hurd is sometime in March.
: Does anyone have some exact date so I can make airline reservations?
: Thanks Russell WL7AG russ@news.primenet.com

The hamfest is scheduled for March 11, 1995 from sunrise to about 3 pm.
--
Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there is
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | a fault in reality.
Phoenix, AZ email: rrk@ramp.com |

520. Needed: GIFs of Hams in Action

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 05:30:37 UTC
From: David Raydo <DAR110@psuvm.psu.edu>
Message-ID: <95011.003037DAR110@psuvm.psu.edu>
Source record: 253669

I need GIFs images of Hams doing what they do best...

o Operating ham equipment
o Performing Public Service
o Teaching Radio Classes
o Erecting Antennas
o Et Cetera Et Cetera

DO_NOT refer to me receiving SSTV images....

What I need is a souce of images that I can pick-n-choose from,
such as an FTP site, or from someones personal collection.

Sure such images exist, how do I find and obtain them ?

What are my chances of find images of vintage and modern radio gear
of any and all kinds ?

If you can help please Email me at:

DavidR, dar110@PsuVm.Psu.Edu Thanks!

521. Re: Scottsdale hamfest? when

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 05:31:18 UTC
From: rrk@news.ramp.com
Message-ID: <3evqf6$dg9@taz.ramp.com>
Source record: 253670

Sorry about the double post. Having posting problems here.
--
Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there is
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | a fault in reality.
Phoenix, AZ email: rrk@ramp.com |

522. Young Ham Of The Year Award

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 05:31:23 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <hqs4lGG8yHCV076yn@dorsai.org>
Source record: 253671
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

1995 YOUNG HAM OF THE YEAR AWARD
NOMINATING PERIOD NOW OPEN

The nominating period for 1995 "Young Ham of the Year Award" is now open. Originally known as the "Westlink Report Young Ham of the Year," this award program, now entering its ninth consecutive year, is presented annually to a United States licensed Radio Amateur (Ham) who is 18 years of age or younger and who has provided outstanding service to the nation, his community or the betterment of the state of the art in communications through the Amateur Radio hobby/service.

The Young Ham of the Year Award program was conceived in 1985 by then Westlink Report "Editor-in-Chief" Bill Pasternak, WA6ITF. His desire was (and still is) to highlight the accomplishments of the nation's many young radio hobbyists, and to encourage the entry of more young people into the exciting and rewarding hobby of Amateur Radio.

With the absorption of the Westlink Report readership base into Worldradio Magazine, the awards originator has decided to continue it under the banner of his own "Amateur Radio Newsline" organization in the hope that this real-life experience will lead the award winner and many other young hams into careers in the sciences and technologies.

Any continental United States (FCC licensed) ham radio operator aged 18 and younger who have used Amateur Radio to significantly contribute to the benefit of the service, to the sate of the communications art, to their community or the nation are eligible to be nominated.

All nominations must be submitted before April 30, 1995 on an official application available for a self addressed stamped envelope to the 1995 Young Ham of the Year Award % Newsline, 28197 Robin Avenue Saugus California 91350. These nominating applications are also available electronically with an E-Mail request to: BILLWA6ITF on America Online; B.PASTERNAK on GEnie or billwa6itf@aol.com via the Internet.

The U.S. Amateur Radio Service is a force of over a half-million publicly spirited, licensed individuals who have passed federally - mandated examinations to enter the fraternity. The Service is maintained by the Federal Communications Commission for the purpose of maintaining a pool of trained radio operators and technicians, to assist the United States in improving international relations, and to have available a large and voluntary group of public service-oriented

individuals with their own radio equipment who are available in times of natural or other disaster.

The Amateur Radio Newsline, better known as "Newsline" is the worlds largest non-profit and totally independent ham radio broadcast news and data information service organized in 1976 by Jim Hendershot WA6VQP and Bill Pasternak WA6ITF. Since that time it has produced and put to air over 900 consecutive weeks of news bulletin programming dealing with Amateur Radio and allied personal communications issues. It also distributes a text version of its newscasts to ham radio operators worldwide via posting on America Online, GEnie and to the Internet.

Members of its all-volunteer staff have been twice honored by the Dayton Amateur Radio Association (1981 "Specific Achievement Award" and 1989 "Radio Amateur of the Year Award") for their dedication and accuracy in the dissemination of news and information vital to the ever expanding United States Amateur Radio service. Newsline reports are aired weekly on thousands of repeaters in North America; by satellite over "This Week in Amateur Radio;" on VHF "intertied repeater networks" in several South Pacific nations (including Australia and New Zealand) and by hundreds of High Frequency bulletin stations worldwide. Newsline supplied material is also excerpted by Radio Netherlands "Media Network" communications magazine program and by several other international shortwave broadcast stations around the world.

Corporate underwriting for the "Young Ham of the Year Award" program has traditionally been supplied by Yaesu U.S.A. Corporation. Yaesu, a world leader in the design, manufacture and distribution of high quality Amateur Radio and commercial two-way radio equipment has long recognized the importance of the nations youth to the continued vitality of the Amateur Radio service. The continued support of this award by Yaesu has been well-received within the Amateur Radio fraternity, which is competing with other technical hobbies and specialties for the interest of young people.

Past recipients of the Young Ham award include Shawn Alan Wakefield, WK5P, of Bartlesville, Oklahoma (1986); David Rosenman, KA9PMK, of Muncie, Indiana (1987); Jonathan Binstock, NK3D, of Potomac, Maryland (1988); Erin McGinnis, KAOWTE, of Topeka, Kansas (1989); Mary Alestra, KB2IGG, of Staten Island, New York (1990); Richard S. "Sammy" Garrett, AAOCR, of St. Louis, Missouri (1991), Angela (Angie) Fischer, KBOHXY, also of St. Louis (1992); Kevin Boudreaux N5XMH of New Orleans Louisiana (1993) and Allison Zettwoch KD4CKP of Louisville Ky. (1994).

--

523. Amateur Radio Newsline #908 06 Jan 94

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 06:45:33 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <Dwt4IGG8yHSU076yn@dorsai.org>
Source record: 253672
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.908
Amateur Radio Newsline #908 10 Jan 1995

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Netowrk. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline. and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Editorial comment, news items and all other business should be directed to Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
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Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com

BBS Networks - Steve Coletti (within the conference/echo) or
bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)

- - - - - -

NEWSLINE RADIO - CBBS EDITION #908 - POSTED 01/09/95

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The following is late news about Amateur Radio for Radio
Amateurs as prepared from NEWSLINE RADIO scripts by the staff of
the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO
NETWORK. For current information updates, please call

Audio Version of Newsline
==========
Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... (718) 353-2801
Melbourne, FL..... (407) 259-4479

Electronic Hardcopy Version of Newsline
==========
GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....

In the ham radio conference
Internet.............................
In the rec.radio.info newsgroup
FTP: oak.oakland.edu, archive: pub/hamradio/docs/newsline
Fidonet, RIME, Intellec, I-Link........
In the Ham Radio conferences on those networks
CompuServe/HamNet.....................

For questions or comments about the text version, contact me at
D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed
above. To provide information please call (805) 296-7180. This
line answers automatically and will accept up to 30 minutes of
material.

Check with your local amateur radio club to see if NEWSLINE
can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[908]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following advisory is not necessarily for transmis- *
(* sion over amateur radio. This is just a reminder that the *
(* address for the Newsline Support Fund is Newsline, in care *
(* of Andy Jarema, N6TCQ, Post Office Box 3506, Arcadia, CA *
(* 91006. Again, and as always, we thank you. This ends the *
(* closed circuit with Newsline report number 908 for release *
(* on Friday, January 6, 1995 to follow. *
(* *
(* *

The following is a QST

The CTIA says no to local tower zoning. It wants the FCC to preempt local and state government regulation for all structures used for mobile communications. Also, the FCC says no to further deregulation of packet radio auto-forwarding, and a major ham radio newsletter mails its last issue. Find out which one on an expanded Newsline report number 908 coming your way right now!

CTIA TO CITIES: NO MORE TOWER REGULATIONS

A wireless telecommunications industry group has asked the Federal Communications Commission to preempt any and all state and local rules governing tower sites used for cellular telephones and other mobile communications services. In a filing with the agency on Tuesday, December 27th the Cellular Telecommunications Industry Association says that local and state governments will impede industry efforts to build the transmission towers needed for new wireless services unless the federal government steps in to ban further attempts at municipal level regulation.
CTIA says that there are more than 38,000 local governments being lobbied by so called "not in my backyard activists." People and groups who do not want any radio installations near where they live or work. In its filing to the FCC the CTIA asks if these activists will be allowed to thwart a national pathway for what CTIA terms parochial or ill-informed reasons?
The trade association's petition maintains that a 1993 law prohibits state and local governments from regulating entry into mobile services. It asks the FCC to codify the law into its own telecommunication rules and regulations and them act to enforce it.
If CTIA is successful in getting the FCC to issue a Notice of Inquiry or Notice of Proposed Rule Making on its request, it will be important for the Amateur Radio community to support it. This is because the Cellular Telecommunications Industry Association request goes far beyond what we hams currently have under PRB-1. In fact, if it is enacted, the CTIA federal preemption request may well mean the end to local municipalities regulating ham radio towers and antennas except possibly for safety.

(*****
PACKET RECONSIDERATION DENIED

Further liberalization of the rules concerning automatic packet radio message forwarding will not happen in the foreseeable future. So says the FCC in denying Phil Karn, KA9Q's request for reconsideration of a decision concerning message forwarding systems in the Amateur Service.
By way of background, on March 30, 1994, the FCC adopted an Order dealing with contemporary message forwarding systems. In it, the FCC said that the control operators of intermediate forwarding stations, other than the first forwarding station, would not be held accountable when their stations retransmitted

improper communications inadvertently. It said that the purpose of the Order was to relax the amateur service rules to enable these systems to operate at high speed while retaining the minimum safeguards necessary to prevent misuse.
But Karn tells Newsline that he felt the FCC order did not go far enough. That as written the rules still impede technological advancement in amateur radio data communications. He wants only the person originating a message to be held legally responsible for what it says.

"All I was asking for was that the burden for the content, responsibility for the content of an amateur communication should be on the originator. And that the requirement that the first forwarding station be also responsible or authenticate the originating station was unworkable given the technology. It was conceived for a BBS environment, but not every use of amateur packet radio uses a BBS." Karn, KA9Q.

But in its December 23rd action denying reconsideration, the Commission said the Order did not address, nor was it intended to address, what accommodations should be made for message forwarding systems that may be developed in the future. It added that if the present accommodation becomes unworkable in a system using a different architecture, the managers of those particular systems affected can request necessary rule changes at the appropriate future date.

(*****
GAZA UPDATE

We have yet another update on the controversial ZC6B operation from Palestine. The Ohio Pen DX Newsletter says that it has received a FAX from Arie Surkiss, 4X6UO. Surkiss is the High Frequency Manager of the Israel Amateur Radio Club. His FAX is a real eye opener on the situation and reads as follows. -- quote --

"According to the Israeli Ministry of Communication, Spectrum Manager Division, the Ministry has not issued such a prefix and there is no Israeli involvement in this operation. As far as I know the ITU has not issued a prefix to Gaza or Jericho." -- end quote --.

Meanwhile, IARU Secretary Larry Price, W4RA reports receiving a FAX of his own. This one from the PLO established Palestine Amateur Radio Association with information which may shed some light on the disputed ZC6B call sign. The FAX contained a newspaper article dated December 12, 1994 from the "Al Quds Newspaper" stating that the call was issued in 1948 to Dr. Sami Tarazi but never used because of the war that broke out.
As reported last week, all Palestine calls were canceled by the ITU back in 1968. The ZC6 prefix is now the property of the United Kingdom and not authorized for use by the PLO sponsored ham

radio group in Gaza.

(*****
WLR DEMISE

After twenty one years and 687 issues the Westlink Report ham radio newsletter has terminated its operations. This, effective with its January 1st, 1995 issue. Its owners cite health and lack of sleep as the primary reasons for the demise of the publication. The Westlink Report began its publication life as HR Report in January of 1974. It was written by Joe Schroeder, W9JUV and published by Communications Technology Incorporated. This was the same group that put out Ham Radio magazine. Schroeder says that in the 1970's, it was an idea whose time had come.

"Lets face it. One of the reasons or the reason that HR Report and subsequent efforts of yours and other people have been successful and have added to amateur radio is that the traditional publications, QST, CQ, 73 and at the time Ham Radio all had very long lead time. As the world progresses, the lead time to get things done gets shorter and shorter. So what we were doing to get the information out so the people could react and start adding their contributions to whatever it was that needed to be done long before it would have been possible under the conditions ten years earlier." Schroeder, W9JUV.

357 issues and 8 years later Poco Press took over HR Report, renamed the newsletter the Westlink Report, moved publication to California and continued bi-weekly for another thirteen years. This makes the Westlink Report the longest running newsletter serving amateur radio as well as the first to be published regularly from west of the continental divide. Schroeder says that the main impact of newsletters and other ham radio news services is to make Amateur Radio operators more aware of what it takes to keep the hobby service alive.

"Basically, the most important thing about amateur radio news is that it made amateurs as a whole much more aware of what it takes to keep amateur radio viable both on a national and an international scale. Because I think, back certainly when I was a much younger ham. We didn't talk amateur radio politics. We didn't pay much attention to the FCC. They did what they thought was right for amateur radio and a few people up in Newington took care of our needs. And that was it. I think there is far far more awareness and far far more involvement of rank and file amateur radio in planning for the future and in looking at what's going on day than there was 25 years ago." Schroeder, W9JUV.

Today, most amateur operators read about the world of ham radio on their favorite packet bulletin board, hear it on their local repeater from Newsline or listen by satellite to This Week in Amateur Radio.

And there is some good news in all of this. Westlink Report readers will automatically receive Worldradio Magazine to fill out the term of their subscriptions on an issue for issue basis. Also, Newsline has agreed to assume the duties of administering the Westlink Report Young Ham of the Year Award program. An announcement on the date for the 1995 presentation ceremony will be made within the next few weeks.

(*****
ALABAMA SM RESIGNS

Some names in the news. First the ARRL's Section Manager for Alabama has resigned. Ken McGlaughn, KM4JD, cites personal reasons not associated with amateur radio for his decision to step down.
McGlaughn's resignation took effect December 31st, that's half way into his second 2 year term as Alabama Section Manager. Taking over the duties is Tom Moore, KL7Q. Moore is active in ARRL activities and is recognized as a driving force in amateur radio in that southeastern state.

(*****
SCDCC

Out west, William Wetzel, N6RKY has been named Administrative Director of the Southern California Digital Communications Committee. Wetzel is best known for his fund raising efforts earlier this year on behalf of the Claremont Amateur Repeater Association. This, in Clara's successful court fight to ban several unwanted users from its systems. Wetzel replaces Jim Fortney, K6IYK who resigned from the SCDCC post for personal reasons.

(*****
CAREER MOVES

Some friends of the amateur satellite program have recently made upward career moves. This according to Harold Price, NK6K who reports that Professor Martin Sweeting, G3YJO, has been made Managing Director and Chief Executive Officer of Surrey Satellite Technology Ltd. This gives him overall responsibility for the administrative, financial & technical strategy of SSTL and specific responsibility for marketing.
Dr. Jeff Ward, K8KA and also known as G0SUL, has been promoted to Technical Director of Surrey Satellite Technology. He is now in charge of all technical and project matters for SSTL, reporting to the CEO. He also has a seat on the SSTL Board of Directors. SSTL is the commercial arm of the University of Surrey's UO-SAT Unit.

(*****
WIRELESS TEACHING

The Clinton administration says that it wants to use some of the billions of dollars that will be raised by auctioning the nation's airwaves to connect U.S. classrooms to the Information Highway. This, according to Vice President Al Gore.
The Federal Communications Commission was directed by Congress to sell the airwaves as a way to reduce the federal budget deficit. But the auctions could raise more money than Congress initially intended. Gore suggested that some of these extra funds could be used to plug the nation's schools into the telecommunications networks of the future. FCC chairman Reed Hundt, who shares the same vision, has endorsed the proposal. Gore, speaking at opening ceremonies at the latest spectrum auction said the White House plans to discuss the idea with Congress.

(*****
ARRL ON AOL

The American Radio Relay League has a new E-Mail address on the America Online service. Messages intended for the league should be posted to AOL address HQARRL1.
Electronic mail can also be sent to the League via Prodigy, MCI Mail and over the Internet. Please be certain you have the correct mailbox or address for the ARRL on each of these services.

(*****
GB2RS

From England comes word of a new GB2RS News Broadcast on the 70 centimeter band. It started on November 27th and takes place on 433.525 MHz on FM every Sunday beginning at 20:00 UTC. The bulletin station issuing the broadcast is G4OBE located in Enfield, just north of London.

(*****
PENPAL

Pat Bowers, KF5OL who teaches fifth grade at Swinburne Elementary School in Farmington, New Mexico has twenty four students that are looking for someone to write to. If your interested please send a note via packet introducing yourself to Pat and the class to KF5OL@KA5JNJ.

(*****
DX - ZS PIRATE

In DX, Ralf Aue, DL3JSW reports that he recently worked ZS6BUD on 160m and immediately sent out a QSL. In return he received a letter from ZS6BUD telling Ralf that he does not have equipment for that band.
The real ZS6BUD told DL6JSW that he has received quite a few QSL's for contacts that he did not made and that a pirate station is most probably an eastern block operator as he has been heard in Australia when Russian stations were also active.

Ralf adds that if you work ZS6BUD on 160 meters don't bother to QSL. It's simply a waste of time.

(*****

And for this week, that's all from the Amateur Radio Newsline. You can write to us at Newsline, Post Office Box 3506, Arcadia, CA 91006.

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--

524. Re: Beacon/pirate or neit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 10:21:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.21005.7585.0NFB8BAD@woodybbs.com>
Source record: 253673

TH>Around 0300Z, as Tim tuned through 80M he found a relatively decent
signal (copiable by a beginner) on 3712.1 kHz. The station was
sending (repetitively) "CQ CQ CQ DE SXA 33 SXA 33 SXA 33 K" (it may
have been sending "VVV's" instead of "CQ", I forget, but I _do_ know
the call was SXA 33).

IG>From my time in SP I remember a a large number of nonamateur
>signals on the 80m band, most of them coming presumably from the U
>land. In Europe, 80 m was 3500-3800 and in U only 3500-3650. Almost
>any QSO was on top of something. Signals above sound familiar to me,
>so perhaps you heard a station from eUrope.

Could certainly be correct. a couple other replies received seem to
support your response.

Thanks for the reply.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

525. FCC electronic filing bog

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 11:18:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.21062.7585.0NFB8BF1@woodybbs.com>
Source record: 253675

CC>I passed no Technician test on 1/1/95 and paid $3 extra for the new
>electronic filing that is supposed to take less than one week to
>receive a license. I just contacted them to get my call letters and
>was told they don't have an electronic feed yet and so the wait
>will be 4-6 weeks even though I filed electronically !!!

CC>Looks like there is no point paying the extra $3, since it will take
>the same amount of time regardless.

Who's charging an EXTRA $3 for electronic filing???

Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

526. Re: Where are the CQ/50 Gang Stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 13:03:19 UTC
From: brunelli_pc@delphi.com
Message-ID: <xkwaxgf.brunelli_pc@delphi.com>
Source record: 253676

Anon User) <nobody@csua.berkeley.edu <Tommy the Tourist> writes:

>Where are all of the CQ Gang stations hanging out? I have been trying 80-10
>for the last several days, and have only heard 2 stations signing /50, and they
>were an OM and XYL operating the same rig! Well, I worked them anyway :-)

As far as i can tell, they were qrm-ing some dx on 7008 last nite!

CQ\00 more like,,.........

527. IOTA list online available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 15:20:59 UTC
From: kebsch@pdb.sni.de
Message-ID: <3f0t0r$h73@nanette.pdb.sni.de>
Source record: 253677

Hi IOTA fans,

where I may fetch the current IOTA list?
I would prefer:

- www
- ftp
- mail server
- telnet
- ?

Thank's a lot for your help in advance.

73 de DK3VN
Waldemar
--
Waldemar Kebsch (dk3vn), c/o Siemens Nixdorf Informationssysteme AG,
33106 Paderborn, Federal Republic of Germany, E-Mail: kebsch.pad@sni.de

528. Re: 6M DXING

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 16:15:15 UTC
From: dickrb@lsid.hp.com
Message-ID: <D2915F.37t@hpcvsnz.cv.hp.com>
Source record: 253528

Hang in there - six meters is usually a QUIET band but look-out, the Es season will be upon us very soon and the fun begins. One recomendation that I will make is get a better antenna than your 3 element jobbie.

Go for at least a 6 element long-boom yagi. Also, if possible, see if you or a local friend can put together a beacon transmitter so that when Es openings happen, that there is something for others to hear!

You will also benefit by listening for beacons between 50.060 thru 50.080 MHz. When you hear them start making 'CQ's' and always follow the most important six-meter rule - LISTEN, LISTEN, LISTEN (24 hours-a-day if possible).

73 de w7wkr

529. Re: PC clock goofs up software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 16:19:21 UTC
From: jcw@kd4dts.radio.org
Message-ID: <1995Jan11.161921.28476@kd4dts.radio.org>
Source record: 253529
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.space

dave@rsd.dl.nec.com (Dave Rogers) writes:

>In article <3esjmr$na2@cnn.exu.ericsson.se>, exuward@exu.ericsson.se (Gerald Ward)
writes:
>|> The clock in our PC gets off about 2 minutes per hour. This causes a problem
>|> with the sat. tracking software. Is there a tsr that someone has written to
>|> correct this? There is no way to tune the crystal manually on the motherboard.

This is not entirely correct. It doesn't matter if the machine is CPU bound
100%, the clock will update reliably. This is because the timer tick is
interrupt driven, from the Timer 0 channel, and is sourced by the 14.some_odd
megahertz clock that is used for bus timing, and in the old days, color burst
generation. The problem is someone is leaving interrupts turned off for too
long, and ticks are getting missed. This has NOTHING to do with the machine.
It's all in the code you're running (like any TSRs, heavy serial I/O without
using a 16550 SCC, etc). The only other scenerio that comes to mind is that
perhaps your oscilliator is off, but for that kind of drift, you'd most likely
have other (more severe) problems.

>This is a problem common to all DOS machines. The crux of the problem
>is that the PC's hardware clock is only read at boot time (by MS-DOS).
>After that the Time-of-Day clock is updated by a software interrupt
>which simply adds a clock tic to a counter which is, in fact the TOD
>clock. If your system is 100% CPU bound, as it surely is running a sat
>tracker, there is little spare time to update the TOD clock. A possible
>solution would be to write a TSR to re-read the hardware clock and
>update the TOD clock.

>Another possible solution is to run your sat tracker under Linux,
>Windows NT or OS/2 since they do not suffer from this brain damage.
>I run SatTrak 3.8 under Linux and NT with no worries.

>Best,

>dave
>==
>Dave Rogers Internet : dave@rsd.dl.nec.com
>M & R Software, Inc. or : mandr@ix.netcom.com
>Plano, Texas AMPRnet : kc5iye@dfwgate.ampr.org
> CIS : 76672,2455

> In the absence of leadership, we have decided to follow ourselves.

530. Re: 468MHz tx on FT530 Possible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 16:23:48 UTC
From: jcw@kd4dts.radio.org
Message-ID: <1995Jan11.162348.28592@kd4dts.radio.org>
Source record: 253530
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

kenman@iastate.edu (Kenneth D Anderson) writes:

>In article <3eusj7$7dl@vixen.cso.uiuc.edu>,

>>>Howdy...
>>>
>>>I've acquired a Yaesu FT530, which came with the extended tx/rx mods
>>>already performed. It says that it should be able to tx up to 470MHz,
>>>but it fails at 467. What happens is that I push the ptt, the TX light
>>>comes on, (no signal present on other radio), and then the TX goes off,
>>>with me still pressing the ptt. Anyone else have such a problem?
>>>
>>
>>I have bought a 2WD car, and it gets stuck in the mud. Also, over 120
>>mph it is unstable and noisy. Anyone else have such a problem?

>And you can still use your HT to order a pizza, provided that you're not
>airborne.

Why? Clearly Dominoes has a flying buffalo, and I'd assume as long as you're
not trying to deliver to a Lear at max cruise, it should work. I just want to
know how that buffalo get clearance into a class A airspace...

>--
>**
>Ken Anderson N0ZEM PH: 515.294.8996 Kenman@iastate.edu
>126 Soil Tilth Bldg. N0ZEM@KI0Q.#CIA.IA.USA.NA
>Iowa State University, Ames, Iowa 50011

531. Anyone know how to.....???????????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 16:35:50 UTC
From: sdarragh@cisco.com
Message-ID: <sdarragh-110195083550@sdarragh-mac.cisco.com>
Source record: 253531

Make an 11 meter Uniden PR244 (Ithink thats right) into a 10 meter? Any help
would be greatly appreciated.

Scott

--

Scott R. Darragh A.R.S. KE6MGW/AG "When you win you get a feeling of

sdarragh@cisco.com exhilaration. When you lose you get
Cisco Systems, Inc. a feeling of resolution. You resolve
800-326-1941 x7173 never to lose again." -V. Lombardi
---

532. Re: Going to Dayton. Need Advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 18:05:42 UTC
From: w5kne@mcimail.com
Message-ID: <3f13v7$45e@superb.csc.ti.com>
Source record: 253532

In article <1995Jan10.181825.25314@news.wrc.xerox.com>, <jgorsky@xerox.com>
writes:
>
> I am planning to go to the Dayton Hamvention for the first time this year and
would like advice about good/bad places to stay. Also any general information
about this hamfest will be appreciated.
>
> Thanks and 73,
> John AA2OZ
>
--------------Response ----------
John:
It is too late to worry about the best places to stay. They were
probably booked up last year. Latecomers often have to stay as far
away as 50 miles. But, I did find a room fairly late in the year
at the Days Inn in downtown Dayton. Not cheap though. It is also
possible that some new hotel/motel has opened that the regulars
don't know about and may have rooms. Good luck.

73, Bob, W5KNE
(internet w5kne@mcimail.com)

533. FAQ_?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 18:10:00 UTC
From: walter.olechny@canrem.com
Message-ID: <60.33624.4727.0N1C8A4B@canrem.com>
Source record: 253533

Does anyone know where i can get the most recent FAQ?

... (((<<<>>>--- Internet---walter.olechny@canrem.com---<<<>>>)))
___ Blue Wave/QWK v2.12

534. Re: Dallas Tx HamCom

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 18:15:31 UTC
From: w5kne@mcimail.com
Message-ID: <3f147o$45e@superb.csc.ti.com>
Source record: 253534

In article <3f01td$3h7@griffin.phoenix.net>, <biekert@phoenix.phoenix.net>
writes:
> Can someone please tell me when the 1995 Dallas HamCom will be?
>
> Thanks
> Bob
>
>
> Bob Biekert Houston, Texas KA5GLX Join the Clear Lake ARC
> CLARC Homepage http://www.phoenix.net/USERS/biekert/index.html

---------- Response ----------
The date of this year's Hamcom is a week later than normal--
June 9-11.

73, Bob, W5KNE
internet w5kne@mcimail.com

535. Re: How do I access DX reflector

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 18:28:27 UTC
From: Paul Cooper <pcooper@fox.nstn.ns.ca>
Message-ID: <60816.pcooper@fox.nstn.ns.ca>
Source record: 253535

Hi There,
The attachted FAQ should get you up and running,
73s, Paul.

Received: from freenet.carleton.ca (root@freenet.carleton.ca [134.117.1.25]) by Fox.nstn.ns.ca (8.6.8.1/8.6.6) with SMTP id EAA04214 for <pcooper@fox.nstn.ns.ca>; Tue, 1 Nov 1994 04:54:10 -0400
Received: from unbc.edu (unbc.edu [142.207.144.42]) by freenet.carleton.ca (8.6.4/8.6.4) with SMTP id DAA08824; Tue, 1 Nov 1994 03:54:19 -0500
Received: by unbc.edu
id m0r2EAP-0001tZa for ac035@freenet.carleton.ca ; Tue, 1 Nov 94 00:02 PST
Message-Id: <m0r2EAP-0001tWC@unbc.edu>
Date: Tue, 1 Nov 94 00:02 PST
From: Internet DX Mailing List Maintenance <dx-request@unbc.edu>
To: Internet DX Mailing List <dx@unbc.edu>
Subject: Monthly FAQ Posting
Precedence: bulk

The Internet DX Mailing List
Frequently Asked Questions (FAQ) Sheet

Lyndon Nerenberg VE7TCP/VE6BBM
(Last Changed: 930906)

What is the Internet DX Mailing List?

It is an electronic mailing list dedicated to the dis-
cussion of Amateur Radio DXing. This is the place to
exchange tips and techniques, discuss hardware (rigs,
antennas, DSP add-ons), awards, announce upcoming DXpe-
ditions, etc. Anything and everything pertaining to DX
is fair game, with the following exceptions:

* Don't send requests for QSL info to the list. (If
someone wants to coordinate a list of current QSL
routes and post that on a periodic basis please
get in touch with me.)

* Don't send lists of QSL routes to the list. (See
above.)

* Discussion about contests and contesting should be
kept to a minimum. The CQ-Contest list already
provides an excellent forum for contest related
discussions. (To subscribe to CQ-Contest, send an
e-mail request to cq-contest-request@tgv.com)

How do I join the list?

To subscribe, send an e-mail request to

dx-REQUEST@unbc.edu

asking to be added. If you are not directly connected to the Internet you must provide an address relative to an Internet site. (We are not connected to BITNET or the UUCP network.) If you are not sure if you are an Internet site, ask your local system administrator.

Requests to be dropped from the list, change of address requests, or any other administrative mail should also be sent to the above address. UNDER NO CIRCUMSTANCES should administrative requests be send to the general

-2-

submission address!

Is the mailing list archived?

In a word, no.

How do I send a message to the list?

It's easy! Just send an e-mail message to:

dx@unbc.edu

Your message will be automatically resent to all the mailing list subscribers. Depending on the load on our mail system this could take anywhere from a few minutes to several hours. If you don't see your message within a day or so, send a message to the request address above (NOT the general submission address) and we will look into the problem.

Here are a few things to keep in mind when sending a message to the list. If everyone follows these guidelines it will help the list operate smoothly.

* Make sure your subject line is appropriate. If a conversation wanders off the original topic, change the subject line to reflect the new line of discussion.

* Proofread your message before sending it! Spelling mistakes and poor formatting do nothing to help you get your message across.

* Keep it short! Many subscribers pay for their e-mail access. Don't include 100 lines of the message you're replying to and then add a three line contribution. Only include as much text as is nec-

essary to establish the context for your reply.

* Watch your language! This list is gatewayed onto packet radio. Don't say anything that you wouldn't (or shouldn't) say over the air. Anyone violating this rule will be dropped from the list *immediately*!

* If someone asks a question, send your answer to them directly. The person asking the question should collect the responses, then send a summary to the list. This helps cut down on unnecessary

list traffic.

* Eschew flamage. If someone sends a flame to the list and you can't bite your tongue, send your flaming reply directly back to the flaming individual, not back to the list. No one wants to pay $1.00 to read these messages (the original flame + your reply). Treat flamers the way you would two-meter repeater jammers - ignore them.

* Make sure there is something of value in each message you send to the list.

When I reply to a message using my mailer's REPLY command I never see a copy of the message come back from the list. Why?

There are two possible causes. One is that your mailer sends the reply only to the originator of the message. In this case you will have to manually CC the mailing list. The second possibility is that your mail reader is so ancient and broken that it sends replies to the ``envelope'' from address instead of the From: or Reply-To: header values. If your mailer sends replies to dx-request@unbc.edu you are running broken software. If you are in the att.com or microsoft.com domains you want to double check for this second problem. Note that replies sent to dx-request get filed in the bit bucket.

Where can I obtain back issues of the various DX bulletins?

An incomplete archive of various Amateur Radio related bulletins is available via anonymous FTP from unbc.edu:/ampr/bulletins/. I add back issues as I come across them - feel free to contact me if you can help fill in the holes. Some time this fall I will be setting up a WAIS server that will include all the online bulletin files. WWW and Gopher interfaces to this data

are also in the works.

If you have any suggestions or additions for this document,
please e-mail them to: lyndon@unbc.edu

****
Paul Cooper VE3JLP 8417 Pana Rd. RR#2, Metcalfe.ONT K0A 2P0
pcooper@fox.nstn.ns.ca 613-821-2167
ac035@freenet.carleton.ca Packet Radio: VE3JLP@VE3NAV.#EON.ONT.CAN.NA

536. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 19:14:01 UTC
From: hall@macs.mxim.com
Message-ID: <3f1alp$l5a@macs.mxim.com>
Source record: 253554
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <kjnD2848o.Gy6@netcom.com> kjn@netcom.com (Ken Navarre) writes:

>If you want to reduce part of the problem use a commercial grade
>(type approved) radio for the ham band rather than a modified ham radio
>on the pub safety band. then you at least reduce the charge of using
>non-type approved equipment to, maybe, harmful interference and
>transmitting without a license.

That certainly gets you around some (but not all) legal difficulties, and it would work. The biggest problem is that as far as I know there is no type accepted radio available anywhere which is very convenient for the kinds of things hams like to do. The type accepted radios I'm familiar with (primarily the Icom H16) will work but they are clumsy to program. If you go to a different area and need to change repeater frequencies you face a non-trivial task. They are useful for somebody who is both a ham and in search and rescue. If amateur radio is your thing they just won't do. (And they are more expensive than non-type accepted radios.)

In my opinion, if the only reason you want this is in case of emergency when you might want to transmit on a public safety frequency, then you would be better off using a modified ham radio. Such transmissions are allowed in emergencies although apparently there are government officials who don't like it so you may have to defend yourself. Just make sure it is a real emergency and that no other means of communication is available to deal with it. If you save a life you are probably OK. If the victim dies in spite of your efforts some jerk is likely to see if he can nail you. An available amateur repeater which you could have used is probably all he would need to get a conviction. Theoretically he could nail you even for saving a life if other communication was available. However a life saved goes a long way with any jury so you would have a good chance of getting off.

537. Re: Tips on using my new keyer [long]

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 19:19:54 UTC
From: adams@chuck.dallas.sgi.com
Message-ID: <D299p7.6wp@odin.corp.sgi.com>
Source record: 253536

In article <3eurhe$md0@ixnews3.ix.netcom.com>,
mjsilva@ix.netcom.com (michael silva) writes:
...snip snip...
|> a) How do I hold the paddles? The alternatives seem to be with my
|> forefinger either flat against the dot paddle or at an angle, kind of
|> like pinching the paddles. The latter seems to afford more control.
|>
|> b) Should I deliberately try to use the iambic feature, i.e. send a 'C'
|> by doing one properly-timed squeeze, or should I send the alternating
|> dits and dahs with individual touches, just letting the keyer sort out
|> the timing. My inclination is to NOT try sending any characters just by
|> squeezing.
|>
|> Finally, what else do I need to know to learn this thing properly?
|> Thanks for any tips.
|>
|> 73,
|> Mike, KK6GM
|>
Mike et.al.

My preference on holding the paddles is to make an "A-OK" like sign
with the thumb and first finger of the right hand. The hand rests on
the table with back of hand in the verticle plane or near verticle.
Whatever is comfortable for you.

The thumb touches the left-hand-side, LHS, and the first finger touches
the right-hand-side, RHS, at all times and very lightly. I use a very
light spring motion or tension in whatever paddles I'm using. My two
favorites being the Brown Brothers (my first Iambic paddles) and the
Bencher. Both the thumb and the finger should still be "curved", not
bent in like you describe as a "pinching" form. This is stressful and
tiring on the muscles and not quite "natural" to me. It will wear you
out in a hurry for long sessions at the paddles.

Historically, for right handed individuals (but this is just historical),
the left paddle is the dit and the right paddle is the dah. It was the
way mechanical bugs were set up in the beggining.

Since you are coming from the Key/Bug world, like the rest of us,
I'd recommend that you bite the bullet and start with the "Mode B"
Iambic keying, i.e. use the minimum number of finger and thumb movements
necessary. It is usually one or two motions for all letters except
P and X. It will take time, patience, and lots of sending. If possible,
sit down with newspaper and send for two or three minute periods followed

by a rest period. Record and playback what you sent, if possible.

In my observations of others, bug users tend to "slap" the paddle around like it's a bug. Remember, there is very very little mechanics going on here. The electronics in the keyer does all the work. So early in the game, learn to just lightly touch the paddles. With a light touch I've never had any problem with any iambic key and I own a few and play with them. Each has it's own personallity and I'd use a different key in different environments such as mobile CW, field day operation, contest, portable, and other operations. I see posts where someone wants to glue down the paddle, put it on sticky feets, etc. My first guess is that individual is using too much force. The necessary force to operate the paddles is on the order of fractions of an ounce, NOT pounds. :-) Give up the macho crap here. :-) CW operators are sensitive people.

If possible, sit down and seriously go through the alphabet and numbers and prosigns and figure out the minimum number of "strokes"/"touches"/"finger movements/pressure" that you think will be required for each in the B mode. Play with the keyer in slow speed, say 5 wpm, and see how the memory works. What happens when you release the dit in the beginning, middle, late part, and after the dah? It may be that different keyers, depending upon the software if it's a microprocessor based keyer rather than using the Curtis 8044ABM chip, do different things. If you buy a used keyer, find out beforehand what it has in it. It does make a difference. Some have Curtis Keyer chip, others use micros, and others use digital logic. Don't make a mistake here. It's not fun. I know, I've been there.

In fact, at the current operating position, the MM-3 from AEA costs me more than the rig (QRP). Note that in contest photographs you will see more than 80% of the CW ops have an MM-3 in front of them. There must be a reason for this. Look at the CQ 1995/96 calendar where the operators are at their operating position. Just an observation on my part.

Someone on the list can tell us if there is a reference on exact timing for each of the modes. In all of my stuff, I don't remember seeing anything. This may be a subject for an article in the "New Hams" section of QST, since it comes up so much. I am about to travel, maybe I should do it, but usually don't have the time or energy to do any work at night when I get back to the room, and you know what I mean if you travel and stand on your feet all day.

So, in order I recommend (and you have the right to remain silent, you can throw this away with the "d" key of your mailer) for starters:

1. Set keyer in B mode (if an option) and 5 wpm.
Send each letter of the alphabet 10 to 20 times. Concentrate on correctness and the time fingers are pushing the paddles and minimize the number of movements. Remember, any movement is energy and time used. Do "energy conservation", but not at the expense of comfort.

2. Repeat step 1 at a slightly higher speed. Do not advance speed if you start "modifying" your behaviour and movements to a more exaggarated form. Relax. Relax. You will do this. You will do this. Don't rush.

Don't rush. Send and they will come. Send and they will come. The keyer won't let you go any faster than the speed at which it's set. Stay at speed until you are near perfect in sending. Work on letter and word spacing at the same time. There is a builtin auto-character insertion space builtin. Find out where this is. Especially in message memory keyers.

3. Practice with plain text.

4. Practice with random text. Take book, magazine, newsprint, and send only every second letter, third letter, or first letter of each word.

My philosophy. Tis better to mess up here than on the air.

5. Don't count. Don't count. Don't count dits and dahs. Don't count. Don't count. (Guess which rule I think is the most important?) ***BINGO***

Of course, all of this done with sidetone of keyer. Don't do this on the air. :-) Remember you are working with copyrighted materials and you don't want to take up spectrum space anyway.

You will know that you are doing it right and are getting good if you can go at a fixed speed for three minutes and make less than a half dozen mistakes.

Oh, another historical kind of thing. It is difficult to send the "error" prosign. It's just too long and not sent all that often. You will people on the air, after an making an error, either send "?" and repeat the word. Or hesitate in real time and resend the last word. The later is obvious to both parties involved. I, a long time ago for some forgotten reason, started sending III (three I's), then resending the word. Gets the same effect as the "error". Technically it's not correct, but it works, doesn't take much time and is used by other OT's, OF's. :-) It's a timing kind of thing. Which is faster to send? III or "?" (a question mark)? It should be obvious.

OK, sorry for the long post. You asked and you shall receive. Hope all this makes sense. It's something that we sometimes don't consciously think about and it's good to sit down and put it in writing. Maybe someone can point out errors in our ways and it will really help someone get over that "hurdle" in the race to the finish. Enjoy CW.

Sorry for the dissertation. NOT. :-)

cul es gl
--

Chuck Adams K5FO CP-60 adams@sgi.com

538. Re: Visiting Limey, ham stores in Ma Ct.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 19:59:53 UTC
From: dara@physics.att.com
Message-ID: <D29BJt.Gqr@nntpa.cb.att.com>
Source record: 253537

```
: Lentini's which is in Newington, not far from league headquarters (21 garfield
: st. (800 6660908).
: --

Since he is not a local, you might mention that Newington is
in CT.
WA2UBK
```

539. Re: <None>

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 20:36:05 UTC
From: jerry@isi.com
Message-ID: <3f1ffl$5j5@bashful.isi.com>
Source record: 253538

In article <022022WCDHCDQUVCJAEF@ccsnet.com> mario@ccsnet.com writes:
:
:
:
:*>Mario,
:*>
:*>Jerry has used the correct spelling in his posting. 'Licenced' is spelt
:*>witho
:*>an 's' in English.
:*>*A>
:*>*A>What about using the term 'licenced radio operater'.

Watch your attributions. I didn't write that!

540. Re: Going to Dayton. Need Advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 20:36:55 UTC
From: jerry@isi.com
Message-ID: <3f1fh7$5jv@bashful.isi.com>
Source record: 253539

In article <1995Jan10.181825.25314@news.wrc.xerox.com> jgorsky@xerox.com writes:
>
>I am planning to go to the Dayton Hamvention for the first time this year and would like advice about good/bad places to stay. Also any general information about this hamfest will be appreciated.

Take an umbrella.

541. Re: Liberty Ship Hiram Percy Maxim?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 20:42:40 UTC
From: jerry@isi.com
Message-ID: <3f1fs0$5l4@bashful.isi.com>
Source record: 253540

In article <D277nG.L8A@lcpd2.SanDiegoCA.NCR.COM> larry.kenan@SanDiegoCA.NCR.COM writes:

>His father invented the machine gun. ARRL founder H.P.M. invented
>the gun silencer.

HPM was a noise-abatement engineer. His invention has used to quiet
many things besides firearms, i.e. auto and boat engines, industrial
plants, etc. In short, anything that generated noise from a pipe.

542. Re: Wanted : Packet Freq's for LA.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 22:18:35 UTC
From: smithson@rosharon.wireline.slb.com
Message-ID: <3f1lfr$571@sndsu1.sedalia.sinet.slb.com>
Source record: 253541

In article <789757276snx@skyld.grendel.com>, jangus@skyld.grendel.com (Jeffrey D. Angus) says:
>
>
>In article <3eu5hm$5pg@tcsi.tcs.com> rossr@tcs.com writes:
>
> >
> > Hi, can anyone give me 2m frequencies for packet stations in the
> > LA county area.
> > 73 ke6jab rr.

OOOOOOOOOOOOOOOOOOOOOOOOOOHHH!

I thought he meant Louisiana . . . .

KN4TX
Tony

543. why "radio"?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 22:39:46 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3f1mni$7go@geraldo.cc.utexas.edu>
Source record: 253542

magliaco@pilot.njin.net (John Magliacane) asks:

>> "Radio" is a pretty loose term. It can also include a cassette
>> deck and a CD player, but you don't need a license to operate one.

Did you post this to win a bet?

>>John A. Magliacane, KD2BD
>>Advanced Technology Center

So they haven't made the "Advanced Technology Center"
a drug-free workplace yet, huh? So is that "Advanced"
in the same sense as your apparent license class?
Oh well, Happy New Year anyway -

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

544. University Club List v.05 **UPDATED** 1/10/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 22:55:28 UTC
From: jrl2@crux1.cit.cornell.edu
Message-ID: <3f1nl0$bp7@tuba.cit.cornell.edu>
Source record: 253543

```
**********************************************************************
* University and School Amateur Radio Club List Version .04b *
**********************************************************************

January 10, 1995

Welcome to the University and School Amateur Radio Club list. The
purpose of this list is to provide information about amateur radio
clubs at schools and universities. The current editor of this list
is...
Jeffrey Luszcz N2TIQ
jeff@gauss.arc.nasa.gov

This list will be availible for ftp from the following servers:

oak.oakland.edu

The current version is:

/pub/hamradio/docs/misc/ham.faq.univ_Version_.04b.txt

soon to be updated to this one.

Also I will be posting this list once every two months onto the
following newsgroups:

rec.radio.amateur.misc

!!!IMPORTANT!!!
If you do NOT want your club's information presented here
then please inform me of this wish through email.
!!!IMPORTANT!!!

The current data format for submitting club information is....
--------
SCHOOL:
NAME:
ADDRESS:
CLUB OFFICERS
REPEATERS:
CLUB STATION:
STATION TELE#:
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
```

If everyone follows this form it makes it easier to edit and
maintain the list. I see this format changing as the list grows
and new concerns become raised. Please address your email to me
as follows FAQ -(name of school). For example...

Subject: FAQ - Cornell University

This makes it easy for me to move the mail around and put it in
the right folders. I am working on getting this information into
a database which will let me change the FAQ around easier and put
it in alphabetical order. Watch this space.

The FAQ is now in alphabetical order, great day indeed.

DISCLAIMER:
Feel free to copy and disperse this list freely as long as it
remains in its original format. If you do not want your clubs
information in this list then email the list owner and tell him so.

Also...
I am unable to provide any other information regarding college clubs
other than what appears on the list. Either the organization has
requested that it be kept confidential, or I just don't know. If
you do find out, please direct such information to my submission
address above so that others may benefit from it.

****
* Here is the list *
****

SCHOOL:
University of Arkansas (Fayetteville)
NAME:
ARC of the University of Arkansas, Inc
ADDRESS:
CLUB OFFICERS
President:Peter Laws, N5UWY - V31WY
3217 Bell, U of A, Fayetteville AR 72701
Dr. Charlton K5GOE, Advisor
jsc@engr.uark.edu
REPEATERS:
none
CLUB STATION:
W5YM, ex-W5JNI, exx-W5YM, exxx-5YM
TS430S (HF), TS790S (Sat), misc other
ORGANIZATIONS:
ARRL
YEAR STARTED:
station licensed '20, club traced to '49
NUMBER OF MEMBERS:
20-30

BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
Oldest license found - 5YM - dated 6/4/20, but there is anecdotal evidence that we may have been licensed in 1914. The station was active in the early '20s prior to the opening of KFMQ, the U of A's first broadcast station. Logs have been found for the '32-'34 period when the station (*W*5YM) was active on 'phone using a Class B modulation amplifier built as a class project. Loy Barton, inventor of Class B, was a graduate and faculty member of the U of A. Haven't found any relics from '34 - '49. 1949 we were granted W5JNI and our station was in the then-Business Admin building. We suspect the trustee knew nothing of the previous station as he was not in engineering. We returned to W5YM in 1952 and the club has been going strong pretty much ever since.

=======

SCHOOL:
Baylor University
NAME:
Baylor University Amateur Radio Club (BARC)
ADDRESS:
PO Box 85584
Baylor University
Waco, TX 76798-5584
CLUB OFFICERS
Secretary/Treasurer:Stephen Purdy KC5CGV
REPEATERS:
none
CLUB STATION:
Kennwood TS-450, Yaesu FT 5100 Dual Band(2M/440) Mobile
40' tower w/ triband beam antenna
ORGANIZATIONS:
YEAR STARTED:
about 1992
NUMBER OF MEMBERS:
20
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY

======

SCHOOL:
UC Berkeley
NAME:
University of California Amateur Radio Club, W6BB
ADDRESS:
300 Eshleman Hall, UC Berkeley, Berkeley CA 94720
CLUB OFFICERS

President:
James Chesko AB6YH chesko@csa3.lbl.gov
VP:
Michael Dahl KC6UFR michaeld@uclink.berkeley.edu
Secretary/treas:
Jeanne Luce KE6DQW jeanluc@cmsa.berkeley.edu
REPEATERS:
None
CLUB STATION:
Kenwood TS-440s/at, linear amp, 40 meter dipole,
PK-232, Azden PCS-2000 2 meter rig, a couple 440
HTs, miscellanea.
ORGANIZATIONS:
ARRL affiliated since 1949 (our records say it
goes back to 1921, but ARRL has no record of this)
YEAR STARTED:
1914
NUMBER OF MEMBERS:
22 voting members, roster of around 75
BANDS ACTIVE:
HF bands, 2 meter and 440 (some sat work)
E-MAIL ADDRESSES:
general membership: W6BB@violet.berkeley.edu
officers/board: hams@violet.berkeley.edu

HISTORY
I worked on this last year. Essentially, we were formed
in 1914 as one of the first stations on the west coast.
We started DX receiving experiments at this time, and
soon established skeds with the University of Washington
and a few other schools. Our first call was 6BB and dates
back to at least 1920. I think oneof our members was the
first woman to get a commercial radiotelephone operators
license in 1924. Early on we were also connected withthe
commercial station here at Cal, and did early broadcasts
from football games, alumni dinners, etc. Club fell into
decline in the1930's, but was revived after the war,
and has followed typical boomand bust cycles since.

==========

SCHOOL:
Bradley University
NAME:
Amateur Radio Club
ADDRESS:
Sisson Hall #309
Peoria IL 61625
CLUB OFFICERS
President: Geoff Gaebel KB9DUX
REPEATERS:

none, but working on one for 2 meters
CLUB STATION:
W9JWC
ORGANIZATIONS:
none
YEAR STARTED:
early 60's (no activity from '69 to '82)
NUMBER OF MEMBERS:
10-15
BANDS ACTIVE:
HF, VHF packet, and others
E-MAIL ADDRESSES:
w9jwc@camelot.bradley.edunote:this forwards to ALL members
HISTORY
started in early '60's with no activity from '69 to '82

=========

SCHOOL: Brown University
NAME: Brown Radio Club
ADDRESS: c/o Mike Deignan, Box 1916, Providence, RI 02912
REPEATERS: 441.750+ (220 & 1.2ghz machines planned)
CLUB STATION: K1AD
YEAR STARTED: Decades ago
BANDS ACTIVE: 1.6khz-1.2ghz
E-MAIL ADDRESSES: michael_deignan@brown.edu

=========

SCHOOL:
Georgia Tech
NAME:
Georgia Tech Amateur Radio Club
ADDRESS:
Room E-180
Electrical Engineering Bldg, Georgia Tech
CLUB OFFICERS
Sponsor: Dr. Paul Steffes (paul.steffes@ee.gatech.edu)
President: Dave Kunkee K0DI (gt5830b@prism.gatech.edu)
VP: Jeff Tucker N9HZQ (tucker@eedsp.gatech.edu)
Treasurer: Dave Huggins N4RMM (david.huggins@gtri.gatech.edu)
Secretary: Carrie Carter N9JSR (carter@magnolia.gatech.edu)
Shack Steward: Mike Whaley KD4UGI (whaley@hibiscus.gatech.edu)
REPEATERS:
We have a repeater on 145.15 (input 144.55) located on the GT
campus, with a remote site on 145.05 in Duluth, GA.
CLUB STATION:
W4AQL
Shack phone: (404) 894-2971
Our shack is very well equipped, with 2 Kenwood TS-940S's, an icom
and a Yaesu VHF rig (ferget the numbers) two Alpha 77 amps on the

Kenwoods, and the following antennas: TH-6, 10,15,and 20 meter beams,
2m and 70cm satellite antennas, and 80 and 160 meter dipoles. We
probably have more up there, but between the 3 towers I can't remember
all of it :-)
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
GTARC was started by 1927 for sure, and we believe that it may have
existed as early as 1911- we're still trying to corroborate that info.
We have approxi- mately 50 members or so, who operate on all bands
and all modes, especially while contesting! The club has an email
server at listserv@gitvm1.gatech.edu, or you can send mail to the
club account at eew4aql@prism.gatech.edu. We would be very happy
to hear from any interested folks out there, especially those who
are or have been associated with Tech or the club.

=======

SCHOOL: Harvard University

NAME: Harvard Wireless Club

ADDRESS: 6 Linden Street, Cambridge, MA 02138

CLUB OFFICERS: Trustee, Mike Manafo K3UOC
President, Joe Shelton AB5TC

REPEATERS: None

CLUB STATION: W1AF

Rig: ICOM IC781 and IC4KL Linear Amplifier with a log periodic
ICOM IC735 and IC2KL Linear Amplifier with a low beam
Packet Cluster (currently not working)
VHF 2-meter all mode transceiver
Everex 386 PC and TNC for packet operations

STATION TELE#: (617) 876-4131

ORGANIZATIONS: ARRL affiliated

YEAR STARTED: 1909

NUMBER OF MEMBERS: approximately 20

BANDS ACTIVE: most HF bands

E-MAIL ADDRESSES: w1af@husc.harvard.edu

HISTORY:

The Harvard Wireless Club, founded in 1909, is America's oldest
amateur radio club. HWC operators have made thousands of contacts
in a variety of transmission modes over the past eight decades.
Most recently, HWC won the second place in 1994 School Club Roundup
for Colleges and Universities (See QST, September 1994 issue,
page 124 for details.).

=======

SCHOOL:
Iowa State University
NAME:
Cyclone Amateur Radio Club
ADDRESS:
Box 7275 Friley Hall,
Ames, Iowa 50012-0001
CLUB OFFICERS
President:
Todd Wheeler N0NUM
tewheele@iastate.edu
Friley 5567 Bennett
Ames, Iowa 50012-0001
(515) 296-3057
VP Steve Knapp sknapp@iastate.edu KA9QOA
Sec/Tr Jason Amdor jtamdor@iastate.edu KB0AZI
Rptr Ch Jason White jdwhite@iastate.edu N0RWU
Activ. Brant Wehr bwehr@iastate.edu N0UTT
Faculty Advisors:
Clyde Walter AD0H (515) 294-8632
Mike Chaplin WA7SSO chaplin@iastate.edu
REPEATERS:
147.375+WA0KHF/ROWNED AND OPERATED BY CLUB
443.375+WA7SSO/ROWNED AND OPERATED BY WA7SSO
CLUB STATION:
Club Station Located in A147 Friley Hall.
Key access only to club members.
Equipment:
Packet Station
Icom 720 HF Rig
Icom 22S 2mtr Rig
and other equipment
ORGANIZATIONS:
ARRL, 10-10
YEAR STARTED:
NUMBER OF MEMBERS:
approx 20
BANDS ACTIVE:
2 meters and 70cm
E-MAIL ADDRESSES:
Listservers:
carc@iastate.edugeneral club maillist
carccabinet@iastate.edu cabinet member maillist

carc_classes@iastate.edufor testing and license class info
HISTORY
The club has been around for many years. The original
club was W0YI. It was founded over 75 years ago. The
W0YI club call is still maintained here at ISU by one
of our faculty members.

Our club has approximately 20 members who are somewhat
active. There are many more hams here at ISU, but many
of them are too busy with their studies and other clubs
to become involved with the CARC. We are always in
search of new membership.

Our members can usually be found on 2meters or 70cm.
At this point in time, there is very little HF activity
in the club.
Our club has been involved at ISU for many years. We have
meetings several times per month. Every spring, we set up
an open house display and help with communications for the
annual VEISHEA celebration, which is the largest student-run
event of its kind in the United States. We provide
communications for the VEISHEA parade, calling tow trucks,
ambulances, and the police if the need arises.
It is best for new prospective members or people
interested in the club to call me or Clyde Walter at
the numbers above. I am only at ISU during the Fall and
Spring semesters, while Clyde is a professor who is here
year around if the need arises to contact the club in the
summer months.

======

SCHOOL:
Middle Tennessee State University
NAME:
Raider ARC
ADDRESS:
CLUB OFFICERS
President:John Schmidt (KD4EAI)(ggjns@knuth.mtsu.edu)
Vice President:Kelly Fulks (KC4RDJ)(csklf@knuth.mtsu.edu)
Secretary/Treasurer:Mark Bailey (N4XHX)(csmjb@knuth.mtsu.edu)
Trustee:Mack Thweatt (KX4L)(csmack@knuth.mtsu.edu)
Faculty Advisor:Homer Brown (WB4PAX)(cshomer@knuth.mtsu.edu)
REPEATERS:
Digipeaters? Yep. Voice? Nope.
Maybe a 6m. rptr. someday, dunno.
CLUB STATION:
W4EFQ
Full TCP/IP Internet Gateway station (gw.w4efq.ampr.org)
- 9600 baud packet on 440.975 MHz TCP/IP, AX25, NetROM
9-el. yagi at 75' AGL (680' elev.), link to Short Mtn TN Digi

- 1200 baud packet on 145.770 MHz TCP/IP, AX25, NetROM
J-pole at 80' AGL (685' elev.), solid 40 mi. coverage
- Internet wormhole links to Memphis TN, Krakow, Poland & Auburn AL
- Key station in TENNET (statewide packet linkage) project
(ask us for details!)
Kenwood TS-140S for 160-10m HF coverage
Alinco DR-112 for 2m data (sometimes voice)
TEKK 440 MHz rockbound 2 watt radio for data
Home-brewed 80286 PC running WG7J NOS 1.09 (testing 1.10)
Gracilis PackeTwin card for 9600 baud packet
AEA PK-232MBX for 1200 baud packet, occasional HF packet too
GAP 40-10m vertical
Cushcraft 20-15-10 3-el. directional
ORGANIZATIONS:
YEAR STARTED:
1960s
NUMBER OF MEMBERS:
varies, 9-10 typical
BANDS ACTIVE:
2m and 70 cm packet mostly,
JNOS "Converse" mode especially;
145.49 (-600) wide-area voice rptr.
on Short Mtn. (McMinnville), TN
10m voice, esp. 28300-28500 kHz
E-MAIL ADDRESSES:
(open to anyone, not a closed list)
- rarc-l@knuth.mtsu.edu (list address)
- listserv@knuth.mtsu.edu (listserver)

HISTORY
The MTSU club has been around since at least the 1960s, first as a
trusteeship of the Dept. of Industrial Studies, and now under the
Dept. of Computer Science. Membership has been small because the
historic mission of the University was that of a teacher's college
(thankfully that's changing). The Raider Amateur Radio Club is a
key player in the packet radio field, and its members provide part
of the core support in a project to bring high-speed (56k bps and
up) packet connectivity to the entire state of Tennessee, from
Mountain City to Memphis.

==========

SCHOOL:
Northwestern University
NAME:
W9BGX
ADDRESS:
CLUB OFFICERS
President:Peter Anvin, N9ITP, <hpa@nwu.edu>
Vice President:Albert Schmeltzer, WN9S, <wn9s@nwu.edu>
Secretary:Mark Brodsky, KB9BLY, <mark-brodsky@nwu.edu>

REPEATERS:
CLUB STATION:
W9BGX
Excellent shortwave equipment;
An ICOM 728 feeding a Drake LR7 linear; our antenna is a
Mosley Pro-95 at a height of approximately 110 ft.
We are looking into adding rooftop 160, 80, 40 and 30 m
dipole. VHF, UHF and packet equipment not yet;
we are working on it. We have an antenna and tower, but no rig.
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
About a dozen; currently activity has been low since our
station pretty much requires a General, and many of our
members are only Technicians because of the code.
BANDS ACTIVE:
Currently mostly on 20 m
E-MAIL ADDRESSES:
president@w9bgx.nuars.nwu.edu
vp@w9bgx.nuars.nwu.edu
secretary@w9bgx.nuars.nwu.edu
advisor@w9bgx.nuars.nwu.edu
nuars-request@w9bgx.nuars.nwu.edu (LISTSERVER)

HISTORY
The Northwestern Amateur Radio Society dates back until late
40s or early 50s. It has been affiliated with the McCormick
school of Technology and the department of Electrical
Engineering since its inception. The club has achieved many
awards over the years, including one of the very early 5-band
DXCC's.

In 1991 a storm took down our main tower and antenna, and the
shack had fallen into disrepair. However, in 1992 Drs. Allen
Taflove and Alan Sahakian took over the faculty advisor
position, and launched an effort to bring the station back on
the air. In the summer of 1992 a new tower was erected at a
better rooftop spot than before at a cost of over $10,000, and
faculty and student members together cleaned and renovated the
shack, and the old transceiver equipment was replaced. We
also pulled in Ethernet cabling for Internet, and got a
computer (w9bgx.nuars.nwu.edu).

We are currently looking into holding a course in the
Department of Electrical Engineering which will use the
resources of the Amateur Radio club, and hope it will increase
student participation.

==========

SCHOOL:
Oklahoma State University

NAME:
W5YJ
ADDRESS:
322 Engineering
North, Stillwater, OK 74075.
CLUB OFFICERS
Trustee Dr. Ken Case
REPEATERS:
146.175 - split no tones
CLUB STATION:
W5YJ
ORGANIZATIONS:
YEAR STARTED:
1920s
NUMBER OF MEMBERS:
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
We have logs going back to 1934 with comment on contacts made in
1925 and we have talked with hams that remember us from the 20's.
About this time WxYJ and YI were all college radio clubs.

==========

SCHOOL:
University of Pennsylvania
NAME:
University of Pennsylvania ARC N3KZ
ADDRESS:

CLUB OFFICERS
President: Matt Gomez, AA3FQ mgomez@mail.sas.upenn.edu
Vice President: Eric Reiter, WI2N ericj@eniac.seas.upenn.edu
Technical Director: Jeff DePolo, WN3A depolo@eniac.seas.upenn.edu

REPEATERS:
see below
CLUB STATION:
Station 1 - Philadelphia (main campus)

Kenwood TS-940S, Alpha 76A, Icom 275H, Icom 375A, Icom 471A, PK-232,
80286,Azden PCS4000, power supplies, headsets, mics, Vibroplex
iambic, keyer,KLM KT-34A @100', Cushcraft R5 @ 60', 40m dipole @ 60',
KLM 2m/440 OSCAR,yagis, Diamond X200 @ 100', various other VHF and
UHF antennas, one tower on roof - top of tower is at 100', and all
of the usual accessories.

Station is in the engineering building on the 2nd floor. It's been
in the same room since 1924.

Station 2 - Valley Forge

Kenwood TS-530SP (soon to upgrade to TS-850), Dentron Clipperton-L linear,Kenwood TM-742A 2/440/6m, Icom 271H, 80286, Telrex 5-el tribander @ 40',3-element 40m monobander @ 70', Mosley TS-33 @ 40', 40m dipole @ 40',75m dipole @ 45', Diamond U2000, long-boom VHF/UHF yagis, Hustler 2m G6,other VHF and UHF antennas, 5 towers total.

This station is on top of Mt. Misery at the U of P Microwave Research Center. We go out to this station on weekends, for field day, etc. It used to be a Nike Missle tracking station back in the cold war days and now Penn uses it as a research center. Great location - the highest point in the Philadelphia area.

Linked UHF Repeater System

Main site: Mt. Misery, Valley Forge, PA. 443.8+, 750'ASL, 2.6kW ERP
Phil site: Penncampus on top of high rise, 440' ASL, receive-only
Eagles Peak: Lebanon county, PA 442.400+, 1420' ASL, 800 watts ERP
6m remote: Mt. Misery, Valley Forge, PA 52.525 700' ASL, 200 W ERP
Addtional sites will be going up this spring/summer.

Co-sponsored repeaters

These two repeaters are on Penn's campus on High Rise North. We co-sponsor the repeaters with the clubs listed:

146.685- Holmesburg ARC 440' ASL, 800 watts ERP, two remote receivers
442.700+ NEAR-FAR ARC 440' ASL, 700 watts ERP
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
Total members: about 65.
Active members: about 20.
Really active members: about 10.
BANDS ACTIVE:
most
E-MAIL ADDRESSES:
HISTORY
The club was founded around 1921 from what we can tell. The first call sign that the club had was 3KZ. When they switched to the W calls, we were W3ABT. In the 70's, when you could request a call, we got N3KZ to get the old 3KZ back.

========

SCHOOL: Purdue University
NAME: W9YB - Purdue Amateur Radio Club (PARC)
ADDRESS: Purdue Amateur Radio Club
Purdue Memorial Union, Box 507
West Lafayette, IN 47907
CLUB OFFICERS: Dave Bunte, K9FN, Staff Advisor
David Moffet, N9SBZ, President
Travis Bailey, N9OXF, Treasurer-Secretary

REPEATERS: 146.76(-) and 444.5(+), located on top of the 15 floor Hawkins
Graduate Residence Hall on the Purdue Campus.
CLUB STATION:
Located in the West Tower of the Purdue Memorial Union Building.
Drake B transmitter-receiver pair, and there is a Ten-Tec Omni-V on
order. 10, 15, and 20 meter monoband beams on top of the Union
Building. Kenwood 2 meter all-mode transceiver. MFJ 1274B and adm-5
terminal. 2 meter vertical and horizontal beams. Old homebrew
146.76/.16 repeater, to be replaced very soon with new Motorola unit,
along with new 444.5/449.5 repeater. Two packet radio bbs's are on
loan (sort of) to the club. w9yb.ecn.purdue.edu (128.46.140.168) is
runing JNOS, and provides access to the second bbs on 145.05 (the LAN
freq). The second bbs is running f6fbb, and forwards to N5AAA in
Noblesville, IN on 223.66 Mhz. Don't mail to w9yb.ecn.purdue.edu,
over the internet use either w9yb@en.purdue.edu, or w9yb@w9yb.in.usa
over the AMPRnet.
STATION TELE#: 317-494-2715
ORGANIZATIONS:
YEAR STARTED: Radio communication research was started a Purdue in 1909 or
1910. (Source: Indiana News, 1920) In 1919 the callsign 9YB was
assigned to the Purdue station.
NUMBER OF MEMBERS: approx. 20 active members
BANDS ACTIVE: 80, 40, 20, 15, 10, 6, 2 meters, and 440 mHz
E-MAIL ADDRESSES: President - dpm@cs.purdue.edu
Treasurer - thekid@mentor.cc.purdue.edu
Club Account - w9yb@en.ecn.purdue.edu
HISTORY: Read the book, "A Century of Progress: The History of Electrical
Engineering at Purdue (1888-1988)"

========

SCHOOL:
Rensselaer Polytechnic Insitute
NAME:
W2SZ Amateur Radio Club
ADDRESS:
W2SZ Amateur Radio ClubW2SZ Amateur Radio Club
6 Sunset TerraceBox 38, RPI Union
Troy, New York, 12180 Troy, New York, 12180-3515
(518) 276-6578
CLUB OFFICERS
President: Brett Mellor (N1LAG)
BARH 416D, RPI
Troy, New York, 12180
(518)276-7932
mellob@rpi.edu
brett@lancedude.stu.rpi.edu
REPEATERS:
144.820 (-600khz)
224.420 (-1.6Mhz)
443.000 (+5Mhz)

The 144 and 220 machines are cross linked.
Autopatch is offered to members.
CLUB STATION:
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
31
BANDS ACTIVE:
E-MAIL ADDRESSES:
W2SZ sports its own Usenet Newsgroup. It's rpi.union.ham-radio.
Some off campus systems may not be able get it.
HISTORY

W2SZ was originally created as 2SZ by the Troy YMCA around 1910. It was turned over to Rensselaer Polytechnic Institute in 1917 where it has been providing services to its members and the community ever since.

The station provides Amateurs with an opportunity to keep in contact with friends at home as well as providing for the learning of radio and basic electronics. The station also provides a friendly and relaxed atmosphere where members can come to get away from the stress of classes and work.

W2SZ, known to members are Zed, is a friendly group of people that are willing to share their knowledge and help those who have an interest in ham radio to get, or advance, their license. In addition they are willing to share their knowledge in the proper maintenance and operation of both club and personal equipment.

The club currently consists of about 30 members and is located at Six Sunset Terrace, Troy, NY. It also has contact with many of the past members who have long since graduated from RPI, or community members who live in the Troy area. It provides the members with many contacts, and also provides the community with a viable method of communication through the repeaters that the club has. In addition to day to day communications, W2SZ also offers lines of communication during periods of crisis. Examples of the Club's community involvement were during the San Francisco earthquake, and during Operation Desert Storm.

=======

SCHOOL:
Rose-Hulman
NAME:
Rose Tech Radio Club
ADDRESS:
Rose Tech Radio club
5500 Wabash Avenue
Terre Haute, IN 47803
CLUB OFFICERS

President:pettitda@nextwork.rose-hulman.edu
Operations manager: leymp@rosevc.rose-hulman.edu
REPEATERS:
none, ATV repeater in the works
CLUB STATION:
W9NAA
ORGANIZATIONS:
Affiliated 61 years with the ARRL
YEAR STARTED:
1933
NUMBER OF MEMBERS:
14 and counting...
BANDS ACTIVE:
most
E-MAIL ADDRESSES:
none
HISTORY
Herman Moench started our station in 1933

=========

SCHOOL:
Rutgers University Ham Radio Club
CLUB STATION:
WA2NPP
email:
radio@rutgers.edumailing list which goes to officers, advisor,
and trustee
Officers:
President:Tim Hayesthayes@noc.rutgers.edu

======

SCHOOL:
Southeastern Lousiana University
NAME:
ADDRESS:
CLUB OFFICERS
K5CAV (President/Fac Adv); WB5FBS (Fac Adv)
REPEATERS:
no
CLUB STATION:
WD5FIG
Heath & Collins HF gear; triband beam;
2-meter xcvr & 5/8 wave antenna
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
varies, this semester 3
BANDS ACTIVE:
80, 40, 20, 15, 10M

E-MAIL ADDRESSES:
email address of officers : fmus1184@selu.edu
HISTORY
formed in '70's by staff members & students

========

SCHOOL:
Washington University
NAME:
Washington University Amateur Radio Club
ADDRESS:
Campus Box 1127
St. Louis, Missouri 63130
CLUB OFFICERS
President: Tefford Reed (N0WYE) twr2@cec.wustl.edu
REPEATERS:
2m repeater on 147.285
CLUB STATION:
Presently we have a decent station with Drake HF gear, a Heath 2KW linear, driving a 7el beam up about 30ft above rooftop. Also an all mode Icom on 2m. A 2m repeater on 147.285 recently moved to the top of a 12 story dorm which now gives us decent coverage of the st. louis and adjacent Ill. areas. There is talk of getting active on packet radio with a TCP/IP gateway to the internet. Also some experimentation with 10GHz microwave.
ORGANIZATIONS:
ARRL
YEAR STARTED:
at least 1947
NUMBER OF MEMBERS:
around 20
BANDS ACTIVE:
E-MAIL ADDRESSES:
planed
HISTORY

We have a club call W0QEV that has been ours at least since 1947 which is the oldest log that we can find. The league claims that we have been affiliated with them since 1949 which makes us one of the older if not oldest club station in the zero call region. This far back though and nobody really knows. Someday we will have to search though old call books from just after the war to see just when that call appears.

The club started as part of the department of electrical engineering here. It became a student union organization around a decade ago and as a result has a steady source of funds. As far as membership, if only that was as steady as funding. The club has students, graduate students, professors, university staff and even alumni. Probably around 20 members but only half that many are easy to

get a hold of. There are always to few undergrads!

An addendum to the above. After the war st. louis became part of
the zero district as opposed to the old nine district. We have
reason to believe that the club was around even before the war,
but don't know under which call or how we can research this.
The ARRL doesn't know and the fcc doesn't even bother with this
type of stuff.

======

SCHOOL:
University of Waterloo
NAME:
VE3UOW
ADDRESS:
CLUB OFFICERS
President: Craig Lemon VE3XCL calemon@sunee.UWaterloo.CA
Staff Advisor: Roger Sanderson VE3RKS rsanders@sunee.UWaterloo.CA
REPEATERS:
VE3WWW
CLUB STATION:
VE3UOW
HF, UHF, Packet TCP/IP BBS
VE3UOW
ORGANIZATIONS:
YEAR STARTED:
1956
NUMBER OF MEMBERS:
about 5 to 15 depending on the term and year
BANDS ACTIVE:
Mostly 2 metres
E-MAIL ADDRESSES:
uwarc-l@sunee.uwaterloo.ca (LISTSERVER)
HISTORY
Oldest club on campus, has been in existance since about 1956.

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!!!
The following are clubs which I have been told exist
but the submitters has no furthur information about.
!!!

=======
University of California Amateur Radio Club (WB6KGN)
========
East Tennesee State University.
=========
Southern Illinois University at Carbondale. W9UIH.
=========
SCHOOL:

University of Rochester
ADDRESS:
Rochester, New York
CLUB STATION:
K2ZWI
=======
SCHOOL:
Carnegie Mellon
CLUB STATION:
W3VC
Officers:
President:Thomas.Stricker@SKYLARK.WARP.CS.CMU.EDU
==========
SCHOOL:
Arizona State University
CLUB STATION:
W7TJV
============
SCHOOL:
University of Maryland
NAME:
University of Maryland ARA W3EAX
CLUB STATION:
W3EAX
Email:
World Wide Web URL http:\\w3eax.umd.edu\w3eax.html
==========
SCHOOL:
New Mexico State University
CLUB STATION:
W5GB
=======
SCHOOL:
Drexel University in Philadelphia
CLUB STATION:
W3MGF.
Members:
About 15 active members
======
SCHOOL:
University of Central Florida Radio Club
=========
SCHOOL:
University of Warwick ARS
ADDRESS:
University of Warwick, Coventry, UK
CLUB STATION:
G1UOW
=========
SCHOOL:

Taylor University ARC
ADDRESS:
Upland, Indiana
=========
SCHOOL:
University of Manitoba
NAME:
University of Manitoba Amateur Radio Society
========
SCHOOL:
University of Akron
NAME:
University of Akron ARC - W8UPD
CLUB STATION:
W8UPD
======
SCHOOL:
University of Hawaii
=======
SCHOOL:
Michigan State University
NAME:
Michigan State University ARC
CLUB STATION:
W8SH
========
SCHOOL:
Columbia University
NAME:
Columbia University ARC W2AEE
EMAIL:
See http://www.cc.columbia.edu/~fuat/cuarc/

========
SCHOOL:
Techn. Univ. of Ilmenau.
ADDRESS:
Ilmenau, Germany
EMAIL:
http://www.systemtechnik.tu-ilmenau.de/hamlocal.html

=======

((end of University and School Amateur Radio Club list 04/03/94))

Special thanks to...

Paul W. Schleck, KD3FU
Matt Trail
Bob Tidd KJ6CS
Dave WO9M
Geoff Gaebel KB9DUX

Gordon Couger
H. Peter Anvin N9ITP
Jeff Depolo
John Schmidt KD4EAI
Keith Poole K7MOA/3
Todd Wheeler N0NUM
Roger K. Sanderson P.Eng.
Tefford W Reed
Michael 'Target' Whaley
Brett Mellor (N1LAG)
ROBERT G. PRIEZ
Peter Laws
Matthew A Gomez

and many, many others

545. DX reflector.. what is it?.. help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-11 23:07:13 UTC
From: desaid@muvms6.wvnet.edu
Message-ID: <1995Jan11.190713.3654@muvms6>
Source record: 253544

In article <slayD289B9.19G@netcom.com>, slay@netcom.com (Sandy Lynch) writes:
> KU9C (ku9c@aol.com) wrote:
> : Need help accessing the DX reflector. HELP!
>
> Send e-mail to: dx-request@unbc.edu
>
> Text:
> Subscribe (don't write anything else)
>
>
> 73 de Sandy WA6BXH/7J1ABV slay@netcom.com
>
HI:
what is DX-reflector.. please let me know what it is and in what way
is it helpfull.

Thanks
73
Dinakar kb8vhc
desaid@marshall.edu

546. Tips on using my new keye

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 00:02:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.21063.7585.0NFB8BF2@woodybbs.com>
Source record: 253545

MJ>I'm a left-hander, but I've already decided to learn with my
>right hand (comments?). I have a couple of specific questions:

Being a 'lefty' myself, I'll take a stab at your questions...

First, I send with my left hand, but leave the paddle wired 'righty',
this way, I can pretty much walk into anyones shack and use their keyer
without having to worry about cross-wiring it. However, if you can
learn to send well with your RIGHT hand, while writing with your left,
you're WAY ahead of the majority of the crowd... I've taught myself,
over the past 36 years, to send passably well with my right hand, but I
still (much) prefer to send lefty.

MJ>a) How do I hold the paddles? The alternatives seem to be with my
>forefinger either flat against the dot paddle or at an angle, kind of
>like pinching the paddles. The latter seems to afford more control.

You'll get differing responses from each reply... almost guaranteed...
read them all... and pick the one(s) you feel best fit your needs.

I generally suggest to my students that they use their thumb on one side
and probably the forefinger and the middle finger on the other side.
AND to NOT use the sides of their fingers but use the TIPS. The tips of
the fingers seems to be more sensitize and thus give you (me) a better
sense of timing... I've seen a lot of ops who send with the sides of
their fingers and they (generally) just don't seem to have the dexterity
required to do a good job of sinding consistently clean CW.

Also, try to keep your finger tips quite close to the paddle surfaces..
don't allow a lot of 'air space' between fingers and paddles. Keying is
a precise operation and it takes a finite amount of time for you to make
each contact closure. If you allow a lot of air space, it takes you
longer to make the transition from DITs to DAHs and this can
significantly effect the timing of your contact closures, and thus can
cause you to incorrectly form characters, especially on keyers which
include Automatic Character Spacing (ACS, not a problem with keyers
which use the Curtis keyer chip, e.g. MFJ, etc.). But, just because the
MFJ keyer doesn't offer ACS, this doesn't mean that it's still not
important to work toward maintaining a good sending fist... and finger
positioning.

When I send, I keep the fatty pad of my (left) hand on the table, I curl
my forefinger and middle finger a bit, so their tips touch the left
paddle and the inner edge of the tip of my thumb touches the right
paddle. I use a very slight rocking motion and also something of a
'caressing' motion of my fingers against the paddles.. I don't just

PUSH them, I let my fingers slide just a bit (front to back) as I send..
and I try to leave no more than 1/8" or so air space between
finger/paddle. This seems to permit me to have a fairly light touch
while maintaining decent control of the paddle.

MJ>b) Should I deliberately try to use the iambic feature, i.e. send a 'C'
>by doing one properly-timed squeeze, or should I send the alternating
>dits and dahs with individual touches, just letting the keyer sort out
>the timing. My inclination is to NOT try sending any characters just by
>squeezing.

Personally, I recommend AGAINST learning the iambic method as your SOLE
method of sending. This is because there are still some (older) keyers
out there which don't offer iambic keying and which will 'kill' you if
you try to send iambic with them... I prefer to use the iambic features
(actually the DIT-DAH memory) of keyers for 'inserting' DITs or DAHs
into the characters which require more complicated finger operations...
it's quite easy to allow the logic handle this for you... AS LONG as you
stay just a bit AHEAD of the sending (e.g. you make the DIT-to-DAH
transition WHILE the DIT is sending, rather than waiting for it to end
before you make the DAH closure). As long as you stay just a bit ahead
of the keyer's sending, AND as long as YOU force the character spacing,
the keyer should take care of putting the elements together in the
properly timed order.

MJ>Finally, what else do I need to know to learn this thing properly?

Practice, practice, practice... and OFFLINE, too! Practice for a while
(days at least) before you get on the air with the keyer... practice
sending ANYTHING you can see... pages out of QST, the knob labels on
your rig, etc. Work at several different speeds. Have a credible
friend listen to your fist and give you constructive criticism. WORK
hard at NOT running characters together... some folks have certain
character pairs that they just cannot send without running them
together... find out if you have any such sets and work on fixing them
before you develope a BAD habit you can't shake. Make sure you leave
ample space between WORDS. In fact, take pains to leave a bit more than
the normal spacing at forst... you can always close it up later. Always
better to leave too much spacing between letters/words than to have them
all on top of each other.

Good luck.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

547. GAteway

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 00:47:01 UTC
From: Marlev@voyager.cris.com
Message-ID: <3f1u65$i6f@voyager.cris.com>
Source record: 253546

Hi!

I would like to know if it exist a gateway between the internet and the
HAM BBs ?

Can I post mail from my internet acces to my local BBs ?

Thanks a lot !

marlev@cris.com

 OLX 2.1 TD Marc, VE2LMK

548. AMIGA AMATEUR RADIO USER GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 00:56:51 UTC
From: paul.whatton@posnet.co.uk
Message-ID: <950113092101555@posnet.co.uk>
Source record: 253547

In a message of 07 Jan 95 Rsmith311@delphi.com wrote to All:

>> But in case you don't know I thought I'd let you have some info about the
>> Amiga Amateur Radio User Group. It's based here in the UK but has members
>> across the world. The group is entirely non-profit making. Membership is
>> free and the AARUG publishes an occasional newsletter as well as
running a
>> freePD library.

>> If you'd like more info then I'd be pleased to let you have details.

>> 73 de Paul G4DCV.

Hello Ronnie

Let me have your mail address and I'll mail you the Amiga Amateur Radio
User Group introductory group floppy disk which contains details of how to
join, PD list, member list, old newsletters etc etc. As I said in my
article membership is free, newsletters and PD are mailed out on a
self-addressed samped envelope basis and any donations are completely
optional.

If any other hams want a copy of the AARUG introductory disk then let me
have a blank floppy and return postage and I'll mail the disk back.

My address is:

Paul Whatton
(AARUG)
39 Wellington Road
Deal
Kent
CT14 7AL
England

Tel and FAX UK+ 304 368790

73 de Paul G4DCV

... AmigaBee BBS 2:254/214 Tel 081 695 5328 * Amiga Ham radio file area *
--- Spot 1.3 #997
* Origin: Paul's Point off AmigaBee (2:254/214.6)

549. Re: FCC electronic filing bogus! Takes 4-6 weeks !!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 01:25:09 UTC
From: drt@world.std.com
Message-ID: <D29qLx.E5J@world.std.com>
Source record: 253548
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Marv Uphaus (muphaus@cris.com) wrote:
: In article <D28rEn.CC2@world.std.com>,
: jjmartin@world.std.com (James J Martin) wrote:

: > ...but to soak another
: >$3.00 out of hams to file electronically..when will it end?

: Of course, I do not think that it is moral to charge someone $3.00 to file
: electronically when that kind of filing is not possible, as it seems not to
: be from the previous posts, but...

Immoral? I think it's illegal. *I* sure don't remember reading about
any authorization to charge more than $5.92 in 1995, regardless of
filing method, for administering an amateur exam. Maybe the aggrieved
party would consider reporting the incident, complete with callsigns ...
if *they're* valid! (Maybe that license will never come, because the
fraudsters won't be sending it in?)

-drt

|David R. Tucker KG2S drt@world.std.com|
---

550. Navtex freeware/shareware ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 01:31:07 UTC
From: statbo@merry.stat.gu.se
Message-ID: <statbo.11.005BF483@merry.stat.gu.se>
Source record: 253549
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

Is there any sw/fw for translating Navtex messages ??

statbo@flint.sdk.gu.se

551. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 02:13:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.21196.7585.0NFB8C23@woodybbs.com>
Source record: 253550

```
The following files were processed Wednesday 01-11-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMANT HAM: Antenna design and calculation programs
--------------------------------------------------------------------------------
ESPROP14.ZIP 146,495 ES-PROP v1.4 Sporadic-E propagation analysis prog
--------------------------------------------------------------------------------
146,495 bytes in 1 file(s)

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
OPDX189.ZIP 5,037 Oh/Pa DX Bulletin 01/09/95
PFQ0108.ZIP 16,392 VK2PFQ President's address / WICEN News
VK2-0108.ZIP 2,505 VK2 WICEN News 01/08/95
--------------------------------------------------------------------------------
23,934 bytes in 3 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
RMOBS017.ZIP 6,920 Radio Meteor Observation Bulletin #017 January 1995
SOP9445A.ZIP 288,369 STS Orbit Plus satellite tracking program v9445 (1/2
SOP9445B.ZIP 271,991 STS Orbit Plus satellite tracking program v9445 (2/2)
--------------------------------------------------------------------------------
567,280 bytes in 3 file(s)

HAMSCAN HAM: Scanner frequencies and freq. databases
--------------------------------------------------------------------------------
DURHAM.ZIP 36,316 Durham Region Ontario, Canada Frequency Listing 01/95
--------------------------------------------------------------------------------
36,316 bytes in 1 file(s)

HAMTRAIN HAM: Amateur radio training material and CW prog's
--------------------------------------------------------------------------------
SM415.ZIP 169,133 SuperMorse v4.15 program for learning/practicing code
--------------------------------------------------------------------------------
169,133 bytes in 1 file(s)

TVRO TVRO: TVRO Satellite Feeds, FAQ, TVRO Listing, etc
--------------------------------------------------------------------------------
TVADEMO0.ZIP 253,599 TV Agent Demo v1.01 customizable TV Guide
--------------------------------------------------------------------------------
253,599 bytes in 1 file(s)

Total of 1,196,757 in 10 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
```

Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 348130f1 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

552. HDN FTP SITE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 02:21:00 UTC
From: lee.laird@woodybbs.com
Message-ID: <93.21197.7585.0NFB8C24@woodybbs.com>
Source record: 253551

There was a recent change in the satellite link to the HDN FTP server at ftp.iea.com ..

This has caused a delay in some files arriving in a timely manner. Please be patient, the files will be placed in the directories and full service restored shortly.

lee - ab5sm

Ham Distribution Net - ab5sm@netcom.com - ab5sm@ix.netcom.com

--- FMail 0.98
Origin: Com Port 1 DFW Amateur Radio BBS (214) 226-1181 (75:7214/10)
GPTH: 6101/0 200/
GATE: 1:275/17 1967451f Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

553. sstv

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 05:32:54 UTC
From: intrepid@cml.COM
Message-ID: <Pine.BSD.3.90.950112002001.6697C-100000@inet.cml.com>
Source record: 253552

I have an MFJ 1278B Multimode with MFJ 1289 software which will allow me to receive and send sstv. The problem is that the software requires an input of graphics in pcx format having a resolution of 320 x 200 x 256 colors which it then converts to the sstv format selected by the operator. My problem is I can't find graphics having that exact resolution,the real problem being the 256 colors. I can find clip art programs giving me graphics of pcx in resolution 320 x 200 x 16 colours, but can't convert up to 256 colors. Programs like GWS Workshop and Alchemy won't convert up the colors. So I'd like to know if anybody can tell me where I can get graphics in the exact 320 x 200 x 256 color format.

73 intrepid @coml.com (VE3CXT)

554. Re: Beacon/pirate or neither?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 05:46:26 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2A2pF.Juv@news.hawaii.edu>
Source record: 253553

In article <D25D8v.7ED@sunsrvr6.cci.com> djw@cci.com (David Wright) writes:
>In article <93.20675.7585.0NFB8AD2@woodybbs.com>,
>Tom Hammond <tom.hammond@woodybbs.com> wrote:
>>Greetings from snowy mid-Missouri:
>>
>>Last night (01-06-95, ZULU TIME!) I had a young (yeah!) Tech Plus over
>>in my shack, helping him work on his CW proficiency... working toward
>>General and getting ready for the Novice Roundup at the end of the
>>month.
>>
>>Around 0300Z, as Tim tuned through 80M he found a relatively decent
>>signal (copiable by a beginner) on 3712.1 kHz. The station was sending
>>(repetitively) "CQ CQ CQ DE SXA 33 SXA 33 SXA 33 K" (it may have been
>>sending "VVV's" instead of "CQ", I forget, but I _do_ know the call was
>>SXA 33).
>>
>
>Yup, I've heard it as well. The call usually goes VVV VVV VVV DE SXA33 SXA33 K
>then delays for a short time (20 seconds) then repeats.
>
>>And ideas or hard info would be most appreciated.
>
>Yup, same here.
>
>73 es cul Dave
>

Hmmmmm, sounds like someone fishing for traffic. I used to flick off the CQ tape and use a keyer to send VVV VVV VVV DE NMO NMO NMO QRU? K on our 4, 6, 8, 12, 16, and 22 MHz transmitters; you've got to keep the transmitters sending something *repetitively* so ships know you're open for business. If your assigned transmit frequencies are inactive (CQ tape turned off) then ships think you're busy working someone and they'll try some other shore station. For commercial shore stations that's lost revenue.

If I was lazy I'd let the CQ tape do the work: CQ CQ CQ DE NMO NMO NMO QRU QRU? AMVER OBS 4 6 8 12 16 22 MHZ AR K running at about 22 WPM. I'd be listening to 4 scanning receivers at once (and usually reading a book), unless there was a second operator; then we'd each take two of the Collins scanners.

Jeff NH6IL

555. Re: Mnemonic for KC7FUM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 12:46:33 UTC
From: roh033.mah48d@rohmhaas.com
Message-ID: <roh033.mah48d-120195074358@136.141.220.39>
Source record: 253555

> BC>> Use of "cute" phonetics under conditions where
> BC>> phonetics are really needed is not very effective.
>
> BC>With certain exceptions, notably Field Day. When I was back in West
> BC>Virginia, and working Field Day for the Mountaineer Amateur Radio
> BC>Association(W8SP), it was amazing how often one could break a pileup by
> BC>using the phonetics "Whiskey Eight Super Pickle".
>
> BC>Ben
> BC>--
> BC>Ben Coleman NJ8J | "All that is not eternal is
> BC>Internet: ben@nj8j.atl.ga.us or | eternally out of date."
> BC> bcoleman@mindspring.com | C. S. Lewis

It gives the "purists" in our club fits, but for Field Day results, there's nothing like a YL using the non-standard phonetics for the club callsign, "Whiskey 3 Sweet Kisses."

--
John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

556. Kenwood TM-631 mods/parts placement

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 13:43:30 UTC
From: kb2ear@kb2ear.overleaf.com
Message-ID: <3f3bm2$s0k@kb2ear.overleaf.com>
Source record: 253556
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I have the mod sheet for the Kenwood TM-631, however I am in need for the parts placement diagram from the service manual. Is anyone out there able to scan/fax a copy of this to me? I can take a uuencoded gif or a fax (email me and I'll send the number.). I need the one for the front panel control board.

73,
--
Scott R. Weis KB2EAR, EMT-A
Kendall Park First Aid & Rescue Squad
Internet: kb2ear@kb2ear.overleaf.com
Packet: KB2EAR @ KB2EAR.NJ.USA.NA
Snail Mail: 10 Palmer Rd., Kendall Park, NJ, 08824-1228
Phone: +1 908 297 0469

557. qsl Ceuta via Spain?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 13:55:21 UTC
From: dara@physics.att.com
Message-ID: <D2ApC9.6B7@nntpa.cb.att.com>
Source record: 253557

Should qsl mail going to Ceuta be directed via Spain
or addressed directly to Ceuta?
(My last attempt directly to Ceuta didn't get a response)
tnx Shel WA2UBK

558. "Wise Old DXer" (was Re: Who is EA9IE?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 14:54:20 UTC
From: kebsch@pdb.sni.de
Message-ID: <3f3fqs$nr9@nanette.pdb.sni.de>
Source record: 253565

In <bshirle.2.00472801@metronet.com> bshirle@metronet.com (Bob Shirley) writes:

> Ah ..... but Waldemar ....

> You have already learned the three most important lessons that
> classify you as a wise old DXer: listen, Listen, and LISTEN !

> Your English is much better than my German !

> ...... and having fun is what amateur radio is all about

> 73 de kf5dx bob

Dear Bob,

thank's a lot for your compliments. See the results. I am starting to babble ..
:-) :-) :-)

Some word's to the "wise old DXers" here on the frequency (sorry News Group :-).

I know many of them are very angry/frustrated about the chaos during some
(the most?) pile-ups. Why they don't tell us how to do it; why they don't
share their experience with us? :-)

Here some rules and hints from a HAM who is on the Short Waves since Sep'94.
I am a HAM who is dreaming about a super TRX, a 1KW linear, a 100 feet tower
and a qubical quad for the 40 up to the 10m band .. (dreams, sweet dreams :-).

An equipment like this may be very helpfull for DXing, but don't worry, you
can make a lot of DX without this super equipment when you use your brain.
(sounds arrogant? :-)

Ok, (sorry for my bad English) let me tell you my rules for successfully
DXing. I know, you are an old wise DXer and there is nothing new for you.
So, please let me know your rules or have fun and I am happy to hear you in
the next pile-up. :-)

I am only working in SSB, so I don't know if my hints are helpfull for CW!

I have a "Golden Rule": I WANT TO WORK THIS RARE DX AND IT'S **My JOB**
TO MAKE THE DX-STATION HAPPY!"

When you stumble over a pile-up ...

- You should never start calling immediately.

- Please try to understand what is going on here (+-10kHz).

- Before you start calling you should have written down the callsign, the
qsl-route and you should know what the dx-station likes and what not, hi.

- Never ask for anything (there is no reason for any question, think about it!)

- Call only when the dx-station is asking for it.

- Call with your full callsign. There are many HAM's who don't respond to
a two letter suffix or something like that. If you don't realize it then
you are a part of the QRM only (nothing more, nothing less :-)

- When the dx-station makes a selective call and wants to here calls from
stations only ..
- with a special number in their callsign
- or with a special prefix
- or from special areas (countries, continents, etc.)
- or from .. (any other selection) ..
then you should be quiet, when you don't have the requested number or
prefix in your callsign or if you are not from the requested area.

- Make a short call, don't repeat your callsign or suffix again and again.
Very often I have made my QSO with the dx-station and I am in the log (!),
when other HAM's are calling and calling and calling and calling ... :-)
BTW: Very often I made the experience, that the dx-station responded to the
first call of someone, but the requested station don't hear it because
the OM is calling and calling .. The OP of the dx-station is frustrated
and calls an other one.

Please imagine: This "calling for ever" guy never realized that he was
a winner and he lost his "prize" just after seconds!

OR an other situation:

You may give a shit for the requested selection. The result may be
a response like this:
"<your callsign> Sorry old man you don't fit my
request. 73, only calls with number five please!
QRZ"

Please imagine: You are not in his log (means: No QSO; means: NO QSL).
BUT you are on something like a "black list" in his
mind. Do you remember my golden rule?? :-) :-)

- Don't repeat the callsign of the dx-station. Believe it or not: he, the OP
of the dx-station, knows his own callsign. :-) You are just wasting time.

- Don't tell the story of your life. Just give your callsign and the report
and (only if requested!) your name and QTH. Nobody wants to know the WX at
your QTH or the name of your dog! :-))

- ....

- I may tell you my experience with "lists", but I need a pause now!

- I don't know very much about dx-nets.

A final remark:

Do you have a speech compressor? Fine! Please use it at the maximum value.
That will improve my very own chance in the next pile-up!! :-)

With other words: If you are running 1KW and a beam you don't need it and
if you are running your TRX barefoot with a simple antenna you should polish
your signal with a very clear modulation; QSelle?

Tell me: who needs a compressor? If you think you should use one then I
have a tip for you: Buy a TRX without a compressor and put a clothes-peg
on your nose. It has the same effect and it's much cheaper; QSelle?

A speech processor (processor not compressor) may be very helpful, but you
should know how to use it to polish your modulation in the right way!!!!

That's are my 2 Cents for the story

"Get on the DXCC - Honor Roll in three days", hi!

Have fun .. 73 de DK3VN
Waldemar
PS: If you think I am telling nonsense, please let me know, really!
--
Waldemar Kebsch (dk3vn), c/o Siemens Nixdorf Informationssysteme AG,
33106 Paderborn, Federal Republic of Germany, E-Mail: kebsch.pad@sni.de

559. Subject: 2-Way radio from USA to Africa

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:03:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F154599@smtp>
Source record: 253558

Best thing for your dad would be the use of ham radio satellites. He needs a Tech license (not difficult) the ARRL video course is excellent) and a 2m/440MHz multimode rig or a 2M transmit/ 10 meter receive (the new RS-15) would be great. Naturally this in only for non-business purposes.
Best,
Peter

560. Subject: 2-Way radio from USA to Africa

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:04:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F1545A8@smtp>
Source record: 253559

Satellite phones cost from $14,995 complete. See Via Satellite magazine for addresses and info.

Best,
Peter

561. Knwd TS440 chpset??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:10:42 UTC
From: klf@ecdcsvr.tredydev.unisys.com
Message-ID: <1995Jan12.151042.11315@ecdcsvr.tredydev.unisys.com>
Source record: 253560

Hi Gang, can anyone tell me what the chips are in the Kenwood TS440 for the computer interface? Mine seem to hv gone south. I originally bought mine from kenwwod, but latter found out the chips are avaible from other sources, such as digikey. The problem is I need the chip numbers. I've checked various mods files without success. I've checked my interface on multiple known wrking com ports and hv tried a known wrking IF232C interface, so it seems to be pointing at the chipset in the radio. Any help is appreciated.

de Ken KA3PLS

562. Re: Why Radio ? Why not?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:21:03 UTC
From: magliaco@pilot.njin.net
Message-ID: <3f3hcv$u8@pilot.njin.net>
Source record: 253561

In article <3f1m9p$63f@fido.asd.sgi.com>, Aditya Angrish <aditya@corp.sgi.com> writes:
> magliaco@pilot.njin.net (John Magliacane) wrote:
> >
> >
> > I don't mean to cause a fuss, but why are hams using the term "radio" when
> > they are actually referring to a "transceiver"? "Radio" is a pretty loose
> > term. It can also include a cassette deck and a CD player, but you don't
> > need a license to operate one.
> >
>
> Webster says - Here's why.
>

{definition deleted}

Then I guess it's appropriate to call my Amateur Television Transceiver a
"radio"?!

Hmmm.... I wonder how Webster defines "transceiver"? 8-)

73, de John, KD2BD

--
John A. Magliacane, KD2BD * /\/\ * Voice : 1-908-224-2948
Advanced Technology Center |/\/\/\| Packet : KD2BD @ KS4HR.NJ.USA.NA
Brookdale Community College |\/\/\/| Internet: magliaco@pilot.njin.net
Lincroft, NJ 07738 * \/\/ * Morse : -.- -.. ..--- -... -..

563. Old Heathkit (and Drake, etc.) equipment for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:41:33 UTC
From: pascalamb@aol.com
Message-ID: <3f3ijd$n0e@newsbf02.news.aol.com>
Source record: 253562

Folks,
Finally was able to identify the ham radio equipment left to me by my father. So far I cannot find the Heathkit equipment. I assume it is in storage; I will post a note when I locate it. Here is the equipment I have located so far:

Drake R-4A Reciever
Drake T-4X Transmitter
Drake MS-4 Speaker
Gonset G-Sixty Three Receiver
Variac Auto Trnasormer
Lafayette He-48
Varitran Transformer, Model V-1M
Asiatic Microphone

Sorry for the confusion re the Heathkit stuff. All of the above is in the Riverdale section of the Bronx, New York City, and would have to be removed by whoever buys it. Kindly contact me by e-mail, indicated how much you think the iterms are worth, if you're interested. Thanks.

564. Marine band radio modification

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:47:30 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Jan12104730@rinhp750.gmr.com>
Source record: 253563

I have been offered a marine band radio for a low price but before I cut the check I want to be sure that I can modify it for amateur 2m band use.

The radio is a Uniden model MC-580. It's a 1W/25W unit that looks a lot like the MTX-101 that Radio Shack sold until 1994. (White case, gray sloped front)

Has anyone done this conversion? Can anyone point me to someone who has?

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

565. Need Connector information for Alliance Rotor

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 15:51:35 UTC
From: mebly@Glue.umd.edu
Message-ID: <3f3j67$nqc@gain.eng.umd.edu>
Source record: 253564

I have a six-wire Alliance HD-73 rotor. Alliance seems to be defunct.
Can someone give me the pin-out and control information for this rotor?

I understand they were popular a few years back.

E-mail responses welcome. Thanks in advance and 73.

--
Mark Bailey KD4D Motto: Life's too short to drink cheap beer.
mebly@glue.umd.edu Disclaimer: I didn't really say this.

566. Re: Old Heathkit equipment

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 16:05:16 UTC
From: kc4wgu@theborg.mlb.fl.us
Message-ID: <kc4wgu.11cw@theborg.mlb.fl.us>
Source record: 253566

Hi, can you foward me a copy of the list also.. thankyou
adress : James M. Hensley
5260 Everett St.
Cocoa, Fl. 32927

567. Re: Why Radio ? Why not

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 16:23:24 UTC
From: mario@ccsnet.com
Message-ID: <22396KPQECCPOWMRAQT@ccsnet.com>
Source record: 253567

To: Aditya@nohost.com

,

>
>
>magliaco@pilot.njin.net (John Magliacane) wrote:
>>
>>
>> I don't mean to cause a fuss, but why are hams using the term "radio" when
>> they are actually referring to a "transceiver"? "Radio" is a pretty loose
>> term. It can also include a cassette deck and a CD player, but you don't
>> need a license to operate one.
>>
>> I thought CBers used "radios" and hams used "rigs". What gives?
>>
>> 73, de John, KD2BD NVI (Not Very Impressed)
>>

John,
Actually I am more impressed with CBer's than most hams. In our
community CBer's have provided 'Coffee Breaks' on the highways and are very
activate in neighborhood 'Crime Watches'. While the hams are using the local
repeater to compare medical charts and the costs of cesspool pumping.

73, de N1SGN
Mario Mere
mario@ccsnet.com
---
* UniQWK v3.3a* The Solution for Multilingual Messages

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

568. Re: Going to Dayton. Need Advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 16:51:07 UTC
From: jayk@fc.hp.com
Message-ID: <3f3mlr$1gp@tadpole.fc.hp.com>
Source record: 253568

John Gorsky (jgorsky@xerox.com) wrote:

: I am planning to go to the Dayton Hamvention for the first time this year
: and would like advice about good/bad places to stay. Also any general
: information about this hamfest will be appreciated.

: Thanks and 73,
: John AA2OZ

John tried to send you Email but your address bounces.

Its been so long since I went to Dayton can't really recommend a hotel. But unless things have changed alot there will be many more visitors to Dayton than there are hotel/motel rooms. Make reservations ASAP.

73, Jay K0GU jayk@fc.hp.com

569. Ham Radios on Aircraft - Regs (again)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 16:53:02 UTC
From: William_A._Kirsanoff@ccmail.anatcp.rockwell.COM
Message-ID: <9500127899.AA789929880@smtpgty.anatcp.rockwell.com>
Source record: 253569

OK. Here we go again. There are both FCC and FAA regulations that effectively prevent the use of a ham radio (or any other non-flight certified radio) on a commercial aircraft. (A private aircraft under VFR is another matter.) Here they are, as I saved them from the time this came up a year ago. You don't have to agree with the rules, but they are the rules.

Note that prohibitions from USING the radio do not preclude having the radio in your possession on board. I frequently take my radio on board airliners, walk it through security (I have them hand check it, no x-ray), and transmit and receive in the terminal. Just turn it off on board.

Regs and commentary from a previous poster follow, can we move off this unending thread now?

Subject: Operation of Ham radios on planes

The use of a transmitter on-board an aircraft is a recurring topic in this group. With this in mind, I have saved the meat of two posts from April of 1994 that should provide the difinitive answer. I've lost the attribution on the posts, but here are the applicable sections of both part 97 (FCC Regs.) and FAR Part 91 (FAA Regs.)

Begin Quote (FCC Regulations)

97.11 Stations aboard ships or aircraft.

(a) The installation and operation of an amateur station on a ship or aircraft must be approved by the master of the ship or pilot in command of the aircraft.

(b) The station must be seperate from and independent of all other radio apparatus installed on the ship or aircraft, except a common antenna may be shared with a voluntary ship radio installation. The station's transmissions must not cause interference to any other apparatus installed on the ship or aircraft.

(c) The station must not constitute a hazard to the safety of life or property. For a station aboard an aircraft, the apparatus shall not be operated while the aircraft is operating under Instrument Flight Rules, as defined by the FAA, unless the station has been found to comply with all applicable FAA rules.

End quoted text.

Begin Quote (FAA Regulations)

FAR Part 91.21 Portable Electronic Devices

(a) Except as provided in paragraph (b) of this
section, no person may operate, nor may any
operator or pilot in command of an aircraft
allow the operation of, any portable electronic
device on any of the following US-registered
civil aircraft:
(1) Aircraft operated by a holder of an air
carrier operating certificate or an operating
certificate; or
(2) Any other aircraft while it is operated
under IFR.

(b) Paragraph (a) of this section does not apply to --
(1) Portable voice recorders;
(2) Hearing aids;
(3) Heart pacemakers;
(4) Electric shavers; or
(5) Any other portable electronic device
that the operator of the aircraft has
determined will not cause intereference
with the navigation or communication system
of the aircraft on which it is to be used.
(c) In the case of an aircraft operated by
a holder of an air carrier operating
certificate, the determination required by
paragraph (b)(5) of this section shall be
made by that operator of the aircraft on
which the particular device is to be used.
In the case of other aircraft, the
determination may be made by the pilot in
command or other operator of the aircraft.

End quote -- begin interpretation & explanation

Applications
1) If your buddy takes you flying in his PA-28R, you can
get his permission, as Pilot In Command to operate your kilowatt
2m station, if he determines that doing so will not interfere with
his communication & navigation equipment.

2) If you're flying to Florida on AirWorst Airlines, you may NOT
operate any transmitter or receiver ever. The pilot does >NOT<
have the authority to allow such operation. (See FAR 91.21 (c) --
The important definition is "operator" which is NOT PIC [pilot
in charge])

End of saved posts.

73

Wm. A. Kirsanoff Internet:
Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
(714) 762-2872
Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI

Who are you? * I am number 2. * Who is number 1? * You are number 6.
---

570. FCC turnaround time

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 17:01:05 UTC
From: (unknown)
Message-ID: <3f3n8h$n9b@carroll1.cc.edu>
Source record: 253570

Took test on Dec 10. Licence issued on Jan 10. N9ZSV is on the air.
Now I can push that button.

Gary Pewitt 414- 297- 4307 garypewitt@delphi.com

571. Update of CAC action re ARRL VHF Contest Rover Scoring Rules

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 17:08:13 UTC
From: keating@nosc.mil
Message-ID: <1995Jan12.170813.3158@nosc.mil>
Source record: 253571

To all concerned with VHF contests and especially rules affecting rovers:

I received a letter from the ARRL Contest Advisory Committee Chairman,
Mark Beckwith - WA6OTU, today.
In the letter, he included the enclosed memo with a request that I
encourage its wide distribution promptly. Of course I am eager to do
so!
Please direct comments to: CAC@arrl.org, your ARRL Division Director,
and/or Roger Keating, KD6EFQ: keating@nosc.mil

73
Roger Keating - KD6EFQ
_ . _ _ . . _ . . . . . _ . _ _ . _
Roger Keating keating@nosc.mil | KD6EFQ
PO Box 83221 | DM12jr
San Diego CA 92152-3221 USA | Pt Loma CA

- -
-
The ARRL CAC memo follows:

From: Mark Beckwith, WA6OTU - wa6otu@caltech.edu
To: Roger Keating, KD6EFQ - keating@nosc.mil
Date: January 11, 1995
[...portion of letter text to KD6EFQ deleted...]
****
From ARRL Contest Advisory Committee
To: ARRL Awards Committee
Date: January 5, 1995

The Contest Advisory Committee herewith recommends to
the Awards Committee to direct the Headquarters staff
to facilitate a solution to the continuing Rover
Issue by performing the following tasks:

1. Collect a database of active Rovers and VHF clubs
by scanning the participants of all the ARRL-
sponsored VHF/UHF contests since the inception of the
Rover Category. Initiate a questionnaire to some or
all of these participants asking any questions
helpful to the solution of the Rover Issue,
including:

a. Do you think under the old rules Rovers
should have been excluded from Club Competition?

b. Do you think Rovers would be inspired to
put more or less grids on the air using:
Additive scoring (new way)
Multiplicative scoring (old way)

c. Do you think the practice of 'grid-circling' or
'grid-dancing' should be against the rules?

d. Do you think Rovers should be limited to
one callsign per Rover Expedition regardless
of the 'Family Rule?'

In the mailing of this questionnaire, include an
announcement that the new reflector is being set up,
soliciting representatives from the clubs and
individual non-club affiliated Rovers to participate
in the preparation of a new recommendation.
Interested Rovers should be required to request in
writing that they be added to the relfector list, and
clubs wishing to field a representative should be
required to request in writing that their named
individual be added to the list also. (Everyone to
include their email addresses).

2. Set up said email reflector.

3. An attempt should be made to coordinate events,
discussions and deadlines so that an answer is
reached in time to announce it for the 1995 running
of the June VHF Contest.

4. Issue a press release publicizing this fact,
including the words "On January 5, 1994, the Contest
Advisory Committee of the American Radio Relay League
recommended. . ." and a second press release
announcing the outcome.

Respectfully submitted,
ARRL Contest Advisory Committee
****

I think this pretty much sums it up. We are hoping that Rovers and clubs
will jump at the opportunity to create their own solution. I would like
for
you to circulate this announcement to wherever you think it should get
circulated, with a note that the Awards Committee will be meeting soon to
either pass it or throw it out, and that if the VHF Community supports
this
recommendation they should let the Awards Committee know they want a
'yes'
vote. Also, you and the thoughtful crowd should recommend any additional
questions you want to see on the direct-mail poll.

I think I sent you a list of who was on the Awards Committee before. If
you
need it, let me know and I can dig it out again.

73 and good luck!

Mark Beckwith, WA6OTU
EOM

572. >>Radio Group in WORCESTER, MA<<

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 17:26:41 UTC
From: rbellville@aol.com
Message-ID: <3f3ooh$nm7@newsbf02.news.aol.com>
Source record: 253572

ATTN: Radio Enthusiasts in the Worcester County area...

I am assembling people to form a local group that caters to various types of radio
communication activities (scanning, shortwave listening, ham radio, etc.). This group, among
other things, would help disseminate info about local frequencies and help newcomers with their
questions. A regular newsletter publication is planned as well as a informal two-way radio
notification system that will alert members to hot and interesting action happening over the
airwaves.

I'm looking for hams, CB'ers, public safety folks, and anyone else who has an interest as well as
anyone who wants to get started but needs more information. Needed are people who can ask
questions, have radio-related problems or ideas, can contribute info, and/or share their
knowledge and experience.

If you are interested in radio, whether an expert or a novice, please contact me and help form
this local group. Let's get some local activity going so that we all get more enjoyment out of it!

THANKS!

Rob Bellville, N1NTE
(rbellville@aol.com)
PO Box 515
Millbury, MA 01527-0515

Please feel free to forward this message to anyone you feel may be interested.

573. Re: SXA 33 calligest V95 #27

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 17:40:50 UTC
From: davidn3213@aol.com
Message-ID: <3f3pj2$noh@newsbf02.news.aol.com>
Source record: 253573

Make that phrase "fixed, maritime and/or broadcast"...

574. Re: TCP/IPers in the RTP, NC Area

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 18:31:01 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <3f3sh5$k0h@bcrkh13.bnr.ca>
Source record: 253574
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.packet

In article <3f22i1$npu@ixnews1.ix.netcom.com>, KB2IYS@ix.netcom.com (James McGrath) writes:
|> Hello,
|>
|> I just moved to the Raleigh, NC area, (Clayton, Johnston County to be exact). And, have received an ip address,
|> which is 44.74.1.206.
|>
|> The questions I have are:
|>
|> On what frequency will I find 2 meter, 1200 Baud, tcp/ip activity?
|> Is there a local 'switch'?
|> What would my default route be?
|>
|> If anyone knows these answers, you can either post here, or send e-mail to me at:
|>
|> kb2iys@vnet.ibm.com or
|> kb2iys@ix.netcom.com
|>
|> Thanks, and I'm sure looking forward to getting active again after 5 months!
|>
|> 73
|>
|> Jim McGrath - KB2IYS

Jim,

I do not have the info here at work. My advise is to use the local radio newsgroup, triangle.radio, and ask there. I'll look it up. 147.54 sounds right, and try connecting to the K4IWW-3 and query the nodes. One or two there should be TCP/IP.

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of my employer or co-workers, family, friends, congress, or president.

575. Re: Navtex freeware/shareware ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 19:07:46 UTC
From: ghiscox@netcom.com
Message-ID: <ghiscoxD2B3sz.3E8@netcom.com>
Source record: 253575
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

Bo Palaszewski (statbo@merry.stat.gu.se) wrote:
: Is there any sw/fw for translating Navtex messages ??

NAVTEX is not a mode but a SERVICE. It is information relating to
weather, navigation and things of interest to mariners. It is
transmitted in plain text in AMTOR FEC. Any controller capable of
copying Amateur AMTOR FEC transmissions would copy the NAVTEX broadcasts.
The PK-232 by AEA or the MFJ or Kantronics equivalent would be suitable.

George

George L. Hiscox	Very funny Scotty...Now
ghiscox@netcom.com	beam down my clothes!!!
WA6RIK @ WB6YMH.#soca.ca.usa.na	^^^^^^^^^^^^^^^^^^^^^^^^

576. Re: O Hamfest Gurus...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 19:12:06 UTC
From: jstuart@csn.net
Message-ID: <3f3uu6$gor@news-2.csn.net>
Source record: 253576

Aditya Angrish (aditya@corp.sgi.com) wrote:

: I'm looking for HF gear. At present my HF shack consists of:

: 1. Table with chair
: 2. AC wall outlet
: 3. Nearby tree (I live in an apt.complex)
: 4. A thousand tools (drill, soldering iron etc)

: So I need to get *everything*. (not necessarily all at the flea market)

I hope you are reading rec.radio.swap it will give you a good idea of
prices, what's available...
73
de Jon
AA0RZ

577. Re: Liberty Ship Hiram Percy Maxim?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-12 19:18:06 UTC
From: davros@news.eden.com
Message-ID: <3f3v9e$nh3@matrix.eden.com>
Source record: 253577

Thought y'all might find this bit interesting.

No, it has nothing to do with ham radio as such, but it's still interesting.

I finished my first semester of German recently, and our instructor was telling us about a cultural exchange program, where an American student hosts a German student for a month, then the American goes to Germany for a month. Cultural exchange thing. She said that if you're interested, there is an informational meeting, and you should contact Hiram Maxim (call him Max) if you can't make it but are interested. My first thought? "No way!"...So I went to the informational meeting, not because I wanted to meet Hiram Maxim, but because I was interested. :) Well, I did meet Hiram Maxim, and I mentioned ham radio (he helped me fill out a form, and it asked about interests). He said his great-grandfather was a ham ...

Yes, Hiram Hamilton Maxim goes to the university of Texas At Austin, and he's a really cool guy. He isn't a ham though, but he is a grad student.
--
Buddy Brannan, KB5ELV | Mary had a little lamb.
(512)441-3246 (Home) | Her father shot it dead.
Internet: davros@eden.com | Now Mary takes her lamb to school
davros@ccwf.cc.utexas.edu | Between two bits of bread.

578. Re: Amiga Amateur Radio Users

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-15 00:26:10 UTC
From: papo@briscas.ctt.bellcore.com
Message-ID: <3f9q32$edl@athos.cc.bellcore.com>
Source record: 253430

In article <6900XGMSFPCPSLMYVS@ccsnet.com> fisherb@ccsnet.com writes:
>
>BS>Paul Whatton posted a message a couple days ago mentioning the Amiga
[chomp]
>BS> Tnx & 73 Bob Stafford, N9USD
>
>The Amiga is dead.
>---

set flame -on

There are more than enough groups in which you can discuss the
status of the Amiga computer, try comp.sys.amiga.advocacy. In the
meantime I'll be doing packet radio with an Amiga 1000 and doing some
telecommuting and getting paid using an Amiga 3000T. Not bad for a stinking
dead computer.

set flame -off.

Bob:

I saved the message and this is the email address that I have:
paul.whatton.posnet.co.uk

If that does not work, try kate.ibmpcug.co.uk!posnet.paul.whatton.

Regards,

--
Luis Roberto Anaya-Rivera papo@donuts0.bellcore.com
A True PL/1 Hacker papo@briscas.gamekeeper.bellcore.com
Bellcore, NJ Ham: N2ZXE+

579. unsubscribe qrp-l how ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-16 22:53:24 UTC
From: hduff@humnet.westonia.com
Message-ID: <7728-290129701@humnet.westonia.com>
Source record: 253505

I want to "unsubscribe" to the qrp-l listserver as the vloume of
traffic is beyong my expectation.
It tried "unsubscribe qrp-l" as the listserver info states but I keep
getting the messages (and do I !).
I beleive I'm attempting to unsubscribe in the correct manner but it's
not working... HELP !
Please reply via e-mail... hduff@humnet.westonia.com

Many thanks ..73 Hugh Duff VE3OYH Toronto

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
---

580. Re: 10 Meters

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-17 12:09:01 UTC
From: Moeller@sam.neosoft.com
Message-ID: <Moeller.22.002914A2@sam.neosoft.com>
Source record: 253057

In article <Pine.A32.3.91.950116015426.7891A-100000@yu1.yu.edu> Joseph Herman
<herman@yu1.yu.edu> writes:
>Path: uuneo.neosoft.com!news.uh.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.
edu!panix!cmcl2!thecourier.cims.nyu.edu!yu1.yu.edu!herman
>From: Joseph Herman <herman@yu1.yu.edu>
>Newsgroups: rec.radio.amateur.misc
>Subject: 10 Meters
>Date: Mon, 16 Jan 1995 01:58:52 -0500
>Organization: Courant Institute of Mathematical Sciences
>Lines: 18
>Message-ID: <Pine.A32.3.91.950116015426.7891A-100000@yu1.yu.edu>
>NNTP-Posting-Host: dopey.cs.nyu.edu
>Mime-Version: 1.0
>Content-Type: TEXT/PLAIN; charset=US-ASCII

>With all this talk about 10 meters - it sounds like something I'd like to
>get into. I don't have the money for an expensive 160 - 10 meter
>transciever...but I' like to get in to HF. What would it cost to get a
>10 meter SSB transciever (I heard Radio Shack makes one) - and what kind
>of antenna would I need to get on th air? I know that the sunspot
>activity is bad now a days - but I'd like to have it - so that when it
>picks up - I'll be ready...any replies appreciated.

:>TRY A RANGER-2970 THEY ARE $379.00 FROM A.E.S. THEY ARE JUST 10 METERS
:>BUT THEY ARE ALL MODS AND THEY PACK ALOT OF PUNCH WITH 200-300 WATTS
:>DEPENDS IF YOU DO A LITTLE WORK ON THEM. BUT THE RCI-2970 MAKES A GREAT
:>TEN METER RIG

581. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-17 20:13:55 UTC
From: mthomas@cris.com
Message-ID: <Lt17laZzwsZ9075yn@cris.com>
Source record: 253468

In article <027715XJLAHQGYOVVXPQ@ccsnet.com>, fisherb@ccsnet.com wrote:
>
>Famous people who got bored than found out what boring was really like:
>
>
>N6YOS Priscilla Presley, actress (any relation?)
This one is strange. The birth year is correct but October 1994 Hamcall lists name as Lou Lou Beaulieu. Is this a psudonym (or however that it spelled) ?

>WA7WYV Andy Griffith, actor
Hamcall lists this gentleman, Andrew Griffith, as being born in 1945. Andy Griffith (the actor) was born in 1926.

>WD4SKT Donnie Osmond, entertainer
This man is listed as Donald Osmond born in 1954.
The entertainer was born in 1957

Most of the calls in the post were correct with the exception of these above. I couldn't confirm all.
For all you country fans, Patti Loveless is a ham. Her call is KD4WUJ. Her husband, Emory, is W4WRO. She is a cw fan and does operate Field Day when she has time.

73
Martin WV9C
mthomas@cris.com

582. ARLB003 FCC call sign update

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-18 22:59:31 UTC
From: w1aw@arrl.org
Message-ID: <$arlb003.1995@ampr.org>
Source record: 253480
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB003
ARLB003 FCC call sign update

ZCZC AG69
QST de W1AW
ARRL Bulletin 3 ARLB003
From ARRL Headquarters
Newington CT January 18, 1995
To all radio amateurs

SB QST ARL ARLB003
ARLB003 FCC call sign update

FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs
as of January 1.

District Group A Group B Group C Group D
Extra Advanced Tech/Gen Novice

0 AA0VB KG0SL ++ KB0QDK
1 AA1LQ KD1YQ N1TYE KB1BMP
2 AA2VD KF2ZP ++ KB2SZC
3 AA3JO KE3QT N3UDE KB3BGA
4 AE4BG KS4KC ++ KE4UEJ
5 AB5ZL KK5HL ++ KC5LSC
6 AC6IR KO6NL ++ KE6PQB
7 AB7HD KJ7HC ++ KC7HWL
8 AA8RS KG8NW ++ KB8WEE
9 AA9NM KF9ZO N9ZQK KB9JCB
N. Mariana KH0O ++ KH0DP ++
Guam WH2J AH2CZ KH2LP ++
Midway ++ AH4AA KH4AG WH4AAH
Hawaii ++ AH6NS WH6ZY WH6CRY
Amer. Samoa AH8M AH8AH KH8BJ WH8ABB
Alaska ++ AL7PW WL7ZY WL7CJD
Virgin Is. WP2Q KP2CD NP2HV WP2AHV
Puerto Rico ++ KP4YH ++ WP4MVN

++All call signs in this group have been issued in this area.
NNNN
/EX
```

583. ARLB004 Spectrum changes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-18 23:03:55 UTC
From: w1aw@arrl.org
Message-ID: <$arlb004.1995@ampr.org>
Source record: 253482
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB004
ARLB004 Spectrum changes

ZCZC AG70
QST de W1AW
ARRL Bulletin 4 ARLB004
From ARRL Headquarters
Newington CT January 18, 1995
To all radio amateurs

SB QST ARL ARLB004
ARLB004 Spectrum changes

Spectrum changes

The FCC has voted to allocate spectrum from 2310 to 2360 MHz for
satellite digital audio radio services (DARS).

This band is part of spectrum from 2300 to 2450 MHz, all of which is
currently allocated to the Amateur and Amateur Satellite Services in
International Telecommunication Union Region 2, on a secondary
basis, with the exception of 2310 to 2390 MHz, which is not
allocated to amateurs.

The FCC said the new DARS would allow direct satellite-to-ground
radio to areas of the country and to minority and ethnic groups that
are inadequately served by traditional, ''terrestrial'' radio.

The Commission said that service and licensing rules for the new
allocation would be addressed in a later rule making. This was
action in FCC General Docket 90-357.
NNNN
/EX
```

584. ARLP003 Propagation correction

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-18 23:04:07 UTC
From: w1aw@arrl.org
Message-ID: <$arlp003.1995@ampr.org>
Source record: 253481
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB PROP @ ARL $ARLP003
ARLP003 Propagation correction

ZCZC AP71
QST de W1AW
Propagation Forecast Bulletin 3 ARLP003
From Tad Cook, KT7H
Seattle, WA January 18, 1995
To all radio amateurs

SB PROP ARL ARLP003
ARLP003 Propagation correction

Due to author's error the solar data was left out of ARLP002.
Thanks to K4GSX for pointing this out.

Sunspot Numbers for January 5 through 11 were 25, 25, 11, 12, 0, 13
and 12, with a mean of 14. 10.7 cm flux was 76.3, 74.4, 74.7, 73.7,
73.8, 73.3 and 75.3, with a mean of 74.5.

Another error in last week's bulletin was minor one in the web
address for solar data. There was a missing slash bar, and it
should have read http://www.sel.noaa.gov.

Solar activity for the past few days has been quite a bit higher
than expected. Look for an update in the next ARLP004 in a few
days.
NNNN
/EX
```

585. IPS Daily Report - 18 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-18 23:11:43 UTC
From: rwc@corona.syd.ips.oz.au
Message-ID: <1995Jan18.231143.11279@ips.oz.au>
Source record: 253479
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 18/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 18 JANUARY AND FORECAST FOR 19 JANUARY - 21 JANUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 87/30

GOES satellite data for 17 Jan
Daily Proton Fluence >1 MeV: 1.6E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 1.8E+06 (normal)
X-ray background: B1.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
19 Jan 20 Jan 21 Jan
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 19 Jan: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 17 Jan
Learmonth 13 3343 2322
Fredericksburg 18 22
Planetary 32 27

Observed Kp for 17 Jan: 2345 3445
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
19 Jan 12 Unsettled to active
20 Jan 20 Active
21 Jan 12 Unsettled to active
COMMENT: Coronal hole associated activity is expected on 20 January.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
18 Jan normal fair-poor fair-poor
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
19 Jan normal fair poor-fair
20 Jan normal fair poor-fair
21 Jan normal poor-fair poor-fair
COMMENT: Continuing geomagnetic activity is expected to degrade
high lat HF comms conditions over the next few days. Conditions
at mid lats are expected to be better than yesterday, however
propagation is expected to be degraded during local night.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
18 Jan -14 depressed 25% during daylight hours. Near predicted
monthly values during local night.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
19 Jan 15 Depressed 5 to 10%/near predicted monthly values
20 Jan 10 Near predicted monthly values
21 Jan -10 10 to 20% below predicted monthly values
COMMENT: Degraded/depressed HF comms conditions observed yesterday at
Townsville, Sydney, Hobart during local daylight hours. Strong spread
F observed at Sydney during local night. Continuing geomagnetic activity
is expected to degrade HF comms over the next three days.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

586. qrp-l listserver query ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-18 23:59:51 UTC
From: hduff@humnet.westonia.com
Message-ID: <7730-267594601@humnet.westonia.com>
Source record: 253383

Wonder if someone in charge of th qrp listserver can drop me a message:
hduff@humnet.westonia.com

I seemed to have subscribed twice and now the system is not allowing me
to unsubscribe.

Please drop me a not and see if you can unsubscribe me.

Thanks...Hugh VE3OYH

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
---

587. CATV Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 04:27:00 UTC
From: neal.griggs@rodent.raider.net
Message-ID: <1e5.7683.2725@rodent.raider.net>
Source record: 253457

HD@>carleton.ca>

HD@>Some months ago somebody posted CATV channel/frequency lists as used in
HD@>his/her city.I lost that list and need it.Could it be posted again??
HD@>Thanks for your trouble.
HD@>Regards,Herb.

Here ya go Herb......(in two parts no less..)

CATV uses the regular channels of 2 to 13 then uses "special" freqs
between (ie mid-super-hyper) which fall between regular TV channels.
Theses CATV freqs are often used by Amateur,Public Saftey,Business,
US Government,Aircraft. Often times causing interference to these
legit users. Often times it also causes TVI problems for the CATV
users. Even after the legit users have tried all means to correct
the problem. It is the responsiblity of the Cable industry to correct
problem to the legit users of these freqs. Often times the cable
industry does little to correct these problems and blames the legit
users of these freqs. But not all problems can be blamed on the
Cable industry. Sometimes the end comsumer uses illegal wiring to
add extra TV's to the system. Poor wiring, non cable type of
wiring causes some of these problems. Most cable companies have
special receivers/alarms in their vehicles to detect leaks.

TV Frequencies
US & Canada
(Regular 2 to 13)
(Cable 14 to 61)

Channel	Freq	Picture	Color	Sound
VHF-Low Band				
2	54-60	55.25	58.83	59.75
3	60-66	61.25	64.83	65.75
4	66-72	67.25	70.83	71.75
5	76-82	77.25	80.83	81.75
6	82-88	83.25	86.83	87.75
VHF-Mid Band				
A-2	108-114	109.25	112.83	113.75
A-1	114-120	115.25	118.83	119.75
A (14)	120-126	121.25	124.83	125.75
B (15)	126-132	127.25	130.83	131.75
C (16)	132-138	133.25	136.83	137.75

```
D (17) 138-144 139.25 142.83 143.75
E (18) 144-150 145.25 148.83 149.75
F (19) 150-156 151.25 154.83 155.75
G (20) 156-162 157.25 160.83 161.75
H (21) 162-168 163.25 166.83 167.75
I (22) 168-174 169.25 172.83 173.75
-------------------------------------------
VHF-High Band
-------------------------------------------
7 174-180 175.25 178.83 179.75
8 180-186 181.25 184.83 185.75
9 186-192 187.25 190.83 191.75
10 192-198 193.25 196.83 197.75
11 198-204 199.25 202.83 203.75
12 204-210 205.25 208.83 209.75
13 210-216 211.25 214.25 215.75
```

(continued next message)

• SLMR 2.1a #6969 • "So she said it was either her or ham radio....OVER"

588. CATV Frequencies (2)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 04:28:00 UTC
From: neal.griggs@rodent.raider.net
Message-ID: <1e5.7684.2725@rodent.raider.net>
Source record: 253456

```
HD@>carleton.ca>

HD@>Some months ago somebody posted CATV channel/frequency lists as used in

Cable Tv listing part 2

Channel Freq Picture Color Sound
-------------------------------------------
VHF-Super Band
-------------------------------------------
J (23) 216-222 217.25 220.83 221.75
K (24) 222-228 223.25 226.83 227.75
L (25) 228-234 229.25 232.83 233.75
M (26) 234-240 235.25 238.83 239.75
N (27) 240-246 241.25 244.83 245.75
O (28) 246-252 247.25 250.83 251.75
P (29) 252-258 253.25 256.83 257.75
Q (30) 258-264 259.25 262.83 263.75
R (31) 264-270 265.25 268.83 269.75
S (32) 270-276 271.25 274.83 275.75
T (33) 276-282 277.25 280.83 281.75
U (34) 282-288 283.25 286.83 287.75
V (35) 288-294 289.25 292.83 293.75
W (36) 294-300 295.25 298.83 299.75
-------------------------------------------
Hyper-Band
-------------------------------------------
AA (37) 300-306 301.25 304.83 305.75
BB (38) 306-312 307.25 310.83 311.75
CC (39) 312-318 313.25 316.83 317.75
DD (40) 318-324 319.25 322.83 323.75
EE (41) 324-330 325.25 328.83 329.75
FF (42) 330-336 331.25 334.83 335.75
GG (43) 336-342 337.25 340.83 341.75
HH (44) 342-348 343.25 346.83 347.75
II (45) 348-354 349.25 352.83 353.75
JJ (46) 354-360 355.25 358.83 359.75
KK (47) 360-366 361.25 364.83 365.75
LL (48) 366-372 367.25 370.83 371.75
MM (49) 372-378 373.25 376.83 377.75
NN (50) 378-384 379.25 382.83 383.75
OO (51) 384-390 385.25 388.83 389.75
PP (52) 390-396 391.25 394.83 395.75
QQ (53) 396-402 397.25 400.83 401.75
RR (54) 402-408 403.25 406.83 407.75
```

```
SS (55) 408-414 409.25 412.83 413.75
TT (56) 414-420 415.25 418.83 419.75
UU (57) 420-426 421.25 424.83 425.75
VV (58) 426-432 427.25 430.83 431.75
WW (59) 432-438 433.25 436.83 437.75
XX (60) 438-444 439.25 442.83 443.75
YY (61) 444-450 445.25 448.83 449.75

Channel A1 & A2 are not used by some cable systems.
Due to past interference problems to the Air band
users.
```

---

589. Re: Family Membership in Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 14:30:18 UTC
From: abraun@alb.med.itc.com
Message-ID: <95011952218@alb.med.itc.com>
Source record: 253503

In Article <91950115034919.0007186758PJ1EM@MCIMAIL.COM>
0007186758@mcimail.COM (Frank C. Morris) writes:

> Good Evening everyone! The problem and question I have is about Family
> Memberships in local Clubs. I would like to hear from other clubs as to how
> they treat a Family membership. The main issue is with regards to cost and
> the right to vote.
>
Our local club (Mid-MO ARC in Jefferson City, MO) also has a
family/student policy, although ours is a little different.

Voting membership is available to all licensed hams, for $18 a year.
Spouses/children who are hams can be added with full privileges including
voting for $9 each. In addition, we will give full membership to an
individual who is an elementary school, high school or full-time college
student for $9. We, too, think that it is worthwhile to provide as much
encouragement as possible for younger hams and spouses to be involved.

Hope this answers your question. 73 - Alan NS0B

* *
* Alan Braun MD, NS0B * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

590. FCC Change of Address form

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 16:35:02 UTC
From: d3h554@foghorn.pnl.gov
Message-ID: <D3H554.95Jan19083503@foghorn.pnl.gov>
Source record: 253513

I've (not so) recently moved, and need to notify the FCC of a change
of address. If I remember correctly, there was a form in the back of
the Now Your Talking book, but that has long since been loaned out and
never returned. Does anyone have any pointers on obtaining a new
form?

thanx,

Curtis
--

Curtis N. Bingham | Pacific Northwest Laboratory | cn_bingham@pnl.gov |
Research Scientist | Battelle Boulevard M/S K1-87 | (509) 375-6631 FAX |
KB7YAM | Richland, WA 99352 | (509) 372-4726 |
http://www.emsl.pnl.gov:2080/people/bionames/bingham_cn.html

"Common sense? No, we don't allow that here."
"Fortran is every bit as dead as the Amiga" -- Jim Blinn

591. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 18:05:36 UTC
From: kchen@apple.com
Message-ID: <3fm9lg$rl8@apple.com>
Source record: 253478

jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT) writes:

>fisherb@ccsnet.com writes:

>> W8JK John Kraus (astronomer?)

>Are you kidding? He "invented" radio astronomy.

W8JK may be many things (and half of us probably learned E&M and Antennas using his books)... but credit for the discovery of radio astronomy should not go to him but to Karl Jansky, or maybe even to Grote Reber (another ham, who, I believe is nowadays still doing research at the CSIRO, and not his Chicago backyard :-).

In this subject, Kraus authored a serious book called "Radio astronomy," and a less serious book called "Big Ear."

At the entrance of the National Radio Astronomy Obseratory at Green Bank, WVa, sits Jansky's rotatable curtain antenna and Reber's homebrew dish.

73

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

592. Re: Dilbert, 1/19/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 19:06:44 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3fmd84$79o@fohnix.metronet.com>
Source record: 253483

In article <0j7dvy200ioV0H5zs0@andrew.cmu.edu>,
Benjamin Cox <thoth+@CMU.EDU> wrote:
>Check out today's (1/19/95) "Dilbert" comic strip.
>
>I guess Ham Radio is a sexy hobby. :)

You can talk to the author using the internet. His address is printed
on each comic. I think its scottadams@aol.com.

I talked to him once. He is a marketing type managing a team of
engineers at a telephony business.

His stuff really hits home at times.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. KC5LWF copeland@metronet.com|
---

593. Re: Monterey Hamfest info needed.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 19:23:57 UTC
From: earlix@ix.netcom.com
Message-ID: <3fme8d$1me@ixnews2.ix.netcom.com>
Source record: 253484

In <3fmaho$qrm@fido.asd.sgi.com> aditya@films.corp.sgi.com (Aditya Angrish) writes:

>
>
>I seem to have misplaced the printout about the Monterey Hamfest. Can some
>good soul e-mail me that information.
>
>Thanks
>
>Aditya
>--

PRESS ADVISORY FOR IMMEDIATE RELEASE
For more information call:
Larry Earlix, KC6JEV, Monterey, Ca. (408) 372-8937

Local Ham Radio Operators Sponsor National Event In Monterey

On Saturday, January 21, 1995, from 7am to 2pm, local ham radio operators, along with the Naval Postgraduate School Amateur Radio Club, will host the 6th Annual WINTERFEST, a regional gathering of ham radio operators from all over the West Coast.

This event, free to the public, will be held in the College Center at Monterey Peninsula College. WINTERFEST will feature displays, contests, and demonstrations of amateur radio.

In attendance will be representatives from the AMATEUR RADIO EMERGENCY SERVICE (ARES), the folks who handle emergency messages during earthquakes and other disasters, the MILITARY AMATEUR RADIO SERVICE (MARS), the folks who keep families in touch with the troops during operations like "Desert Storm', and representatives from the AMERICAN RADIO RELAY LEAGUE (ARRL), the nation-wide organization of Amateur radio operators. Members of the club will also have booths to answer any questions about ham radio.
For those interested, there will be information on classes, to help folks pass the exam to become an amateur radio operator

Directly on the site, organizers will set up a "special event" amateur radio station, operating on emergency power. This station will make 2 way contacts with other ham operators, all over the world, in celebration of the event. Visitors may send, non - commercial, messages any where in the world, at no charge, through a digital radio network called PACKET. PACKET is a voluntary network of local hams, all over the

world, who use computers to automatically transmit, receive and relay messages to nearly every place in the world.

Demonstrations will include, classes on the Internet, how to become an amateur radio operator, how the amateur radio emergency service works, how to bounce radio signals off satellites and the moon, amateur television, Morse code and voice transmissions. State-of-art equipment will be on display and demonstrated. There will also be a flee market that will include venders from all aver the country.

WINTERFEST is an event sanctioned by the American Radio Relay League (ARRL), the nationwide organization of ham radio operators.

The Naval Postgraduate Schools Amateur Radio Club, which represents only a portion of licensed ham radio operators in Monterey County, has over 250 members.
Complete press packets covering activities, schedules, amateur radio, ARES and ARRL are available.
30

594. Re: Looking for resellers outside France

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 19:57:06 UTC
From: Garry@bonney.demon.co.uk
Message-ID: <790545426snz@bonney.demon.co.uk>
Source record: 253485

>
> Hello Bruno
>
> There's several ham shops inthe UK and I took a quick look for the TS850SAT
> in a current magazine. The price quoted was GBP 1,625 (about FF13,500)
> which includes VAT (Value Added Tax) of 17.5%. If I'm correct you can
> reclaim the tax as you leave the UK which would obviously be worthwhile on
> this amont. I don't believe the tax concession was removed when we all
> became one Europe. So if I am correct you should pay about FF 12000 after
> the tax is claimed back.

As far as I am aware, you can now only claim tax back if you come from a outside the EC. I came across this when we had frineds come over from the US last summer.

Additionally, you can only claim tax back, IF the retailer particpiates in the scheme. They issue a special form and fill it in with the amount of the purchase etc. The tax must then be claimed back at the point of departure.

--
Garry E. Walker
g0ihb@gb7chs.11.gbr.eu
garry@bonney.demon.co.uk
9081763x@mmu.ac.uk

595. GB2RS News 22nd January 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 19:57:18 UTC
From: dave@llondel.demon.co.uk
Message-ID: <790570638snx@llondel.demon.co.uk>
Source record: 253486
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 22nd of January and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

The RSGB has installed its new president;

Two new RSGB Vice-Presidents have been elected;

and VHF stalwart Jack Hum, G5UM, has died.

We start this week with the news that Clive Trotman, GW4YKL was formally installed as the President of the Radio Society of Great Britain for 1995 during the evening of Saturday the 14th in Bridgend. We are sure that all those listening will join us in wishing Clive a successful year as President during 1995. In attendance were representatives of the French, Belgian, Dutch, German and Irish national societies.

At the Presidential installation, the election of two new RSGB Vice-Presidents was announced. They are Past President Julian Gannaway, G3YGF, and AMSAT-UK supremo Ron Broadbent, G3AAJ, The Society's Founders Trophy was presented to Hilary Claytonsmith, G4JKS.

Also last weekend, RSGB Council elected Mr T I Smudge Lundegard, G3GJW, as the Executive Vice-President for 1995.

Now some sad news: Jack Hum, G5UM, passed away last week. He was a Vice-President of the RSGB and a prolific writer on amateur radio - particularly VHF - subjects. A full obituary will appear in the March edition of Radio Communication.

A new GB2RS News Broadcast on 70 Centimetres is due to start shortly on 433.525MHz, channel SU21, using FM. It will commence at 10.30am local time every Sunday from the elevated site of 2E1CHY in Birmingham. This is the first broadcast of the GB2RS News from a Novice station.

The Berwick on Tweed VHF repeater, GB3BT, was shut down on Saturday the 7th of January after it developed a fault. The keeper, GM1JFF, regrets any inconvenience to users, but at the moment he is unable to say how long it will be off. For further details, contact GM1JFF, whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Aruba, K4PI will sign P49I from now until Monday the 30th of January, taking in the CQ Worldwide 160 metre CW contest. Outside the contest look on the LF and WARC bands.

From Sri Lanka, G3REP, is active as 4S7RPG until March 1995, mainly on the LF bands.

And from the British Virgin Islands, W2GUP is active as VP2V/ W2GUP from now until the middle of March, on all bands 80 to 10 metres, CW only.

Next the Rally News and we know of one rally for today, Sunday the 22nd of January:

The Oldham Amateur Radio Club Mobile Rally is being held at the Queen Elizabeth Hall, Civic Centre, West Street, Oldham. Doors open at 11am, or 10.30am for disabled visitors. The event features many trade stands and a bring and buy stall. RSGB Morse Tests are available on demand, subject to two passport size photos and the relevant fee. Refreshments will be available in the Failsworth Suite. Talk-in is on 2 metres, channel S22 via GB4ORC. A prize and a certificate will be awarded for the furthest mobile contact with an operator on their way to attend the rally, up until 2pm.

And now the two events we know of for Sunday the 29th of January:

The Lancaster Rally, is to be held at Lancaster University, Lancaster. Doors open at 11am, or 10.30am for disabled visitors. This year's event is in larger halls than previously, with more trade stands, a bring and buy stall and special interest groups stands. Refreshments will be available. Further details can be obtained from Susan, G1OHH on 01524 64239 or 01384 896199.

The Fenland Repeater & Lincs Packet Groups Midwinter Junkarama is to be held at the Horncastle Youth Centre, Horncastle, Lincolnshire. The event starts at 10.30am. The event features trade stands, club tables. Refreshments will be available. Details can be obtained from G0PQB, whose address is correct in the RSGB Call Book.

Now, details of a rally which has not yet appeared in RadCom:

The Taw & Torridge Rally takes place at the Bideford Hall, The Pill, adjacent to Victoria Park, Bideford, North Devon on Sunday the 26th of February. Doors open at 10.30am. The event features trade stands and a bring and buy stall. Refreshments will be available. For further information contact Mike, G3PGA on 01271 860930.

Next a date for your diary.

The 1994 RSGB VHF Convention is to be held at its usual venue at Sandown Race Course, Esher, Surrey on Sunday the 19th of February. See January's RadCom, page 31, for full details of the comprehensive lecture programme.

Now for the HF contest news:

More RSGB LF CW Cumulative events take place this week: Two 3.5MHz Contests are today Sunday the 22nd and next Saturday the 28th. Both run from 1600 to 1800 UTC. A 1.8MHz Contest takes place next Wednesday, the 25th, from 2000 to 2200 UTC and a 7MHz event is next Sunday the 29th from 1000 to 1200 UTC. December's RadCom, page 78, gives detailed information.

The CQ World Wide 160 metre Contest takes place next weekend, from 2200 UTC on Friday the 27th, until 1600 UTC on Sunday the 29th. See January RadCom page 24 for further details.

Next some VHF contest news:

In the January edition of RadCom, the Adjudicator shown for the RSGB 144MHz CW Single Operator Fixed and All Others Contest which took place last Sunday the 15th is incorrect. All completed entries and check logs should be sent to: David Johnson, G4DHF, whose address is correct in the RSGB Call Book.

The first of five RSGB 70MHz Cumulative Contest events takes place today Sunday the 22nd, with the second leg next Sunday the 29th, both from 1000 to 1200 UTC. There are three sections, Fixed station single operator, Open and Listeners. See January RadCom page 81 for further details.

Special event stations active next weekend include:

GB4CAA, County Air Ambulance, operated by members of the West Bromwich Central Radio Club in aid of the Country Air Ambulance appeal in concert with thirteen other groups through the Midlands. The station is located at the Sandwell Hotel, High Street, West Bromwich, and will be operational on HF, VHF and UHF throughout next weekend. Visitors are very welcome. The other Air Ambulance appeal stations are GB's 0CAA, 2CAA, 0FFL, 2FFL, 4FFL, 0AAS, 2AAS, 4AAS, 0AA, 4AA, 5AA, 6AA and 8AA. For further details contact Ian, G0PAI on 0121 561 2884 prior to the event.

GB2RB, Robert Burns, will operate from Robert Burns Cottage in Alloway on Saturday the 28th on the 20 and 40 metre bands. The occasion is the birth date of the Scottish national bard. Further details from Mike, GM4SUC on 01292 443127.

And now the solar factual data:

The period from the 9th to the 15th of January saw solar activity at very low levels and the geomagnetic field at mostly quiet levels. The sunspot indices increased from zero on the 9th to 23 on the 12th before declining to 18 by the 15th. The mean for the period was 12. Solar flux levels increased every day from 74 units on the 9th to 81 units by the 15th, with the average for the period being 76 units. No flares were reported. The electron fluence declined every day to end the period at moderate levels. The x-ray flux levels increased from A1.1 units on the 9th, peaked at A4.1 units on the 12th, then declined to A2.9 units by the 15th. The average for the period was A2.2 units. The 90 day solar

flux average on the 15th was 83 units and is declining.

Geomagnetic activity was mostly quiet with the 15th down to an Ap index of only 3 units, the Boulder K indices recorded six zeros out of the 8 observations for that day. The 11th was the only day that was unsettled with an Ap index of 13 units. The average for the period was Ap 6 units. The state has been 'nil, nothing to report'. The aa indices as reported by the British Geological Survey from the 3rd to the 9th of January started the period at very unsettled levels with the 3rd at 52.6 nanoTeslas. Levels then declined every day and by the 8th were down to quiet levels at 12.9 nanoTeslas. The average for the period was 28.5 nanoTeslas, about K3. The December monthly geomagnetic Ap index was 9 units, with the smoothed level for June 1994 being 17.8 units. Bartell's rotation number 2205 started on the 12th of January.

I'll repeat the figures: Spots - 12; Flux - 76; Ap index - 6; X-ray flux - A2.2; December magnetic Ap - 9.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 6th to the 12th of January, averaged 6.7MHz. The best day was the 6th at 7.2MHz. The darkness hour lows averaged 2.4MHz with the 7th down to 1.9MHz. Spread F was recorded for 9 hours during the early hours of the 9th. The daytime highs are taking place between 10.00 and 14.00 hours with the darkness hour lows between 04.00 and 07.00 hours. On the 9th of January the GOES 8 satellite, situated in a synchronous orbit at 90 degrees West, started to supply the electron fluence data.

I'll repeat the figures. Highs - 6.7MHz; lows - 2.4MHz.

And lastly the solar forecast.

This week the quieter side of the sun is expected to be looking our way. Solar activity should be 'very low' to 'low' with the solar flux levels in to the 70s. Geomagnetic levels are expected to be quiet to unsettled throughout the period. Ionospheric MUFs for the south are expected to be about 19MHz and 16MHz for the north. The darkness hour lows are expected to be about 8MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Papa and G7 Tango X-ray series, and Novice calls in the 2 0 Alpha Juliet and 2 1 Delta Papa series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

596. Re: Microwave filters

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 20:58:21 UTC
From: zlau@arrl.org
Message-ID: <1995Jan19.205821.10004@arrl.org>
Source record: 253496

Richard Karlquist (rkarlqu@scd.hp.com) wrote:

: An interdigital filter at that frequency would be huge (18 inch resonators).
: Instead, you might want to use a comb line filter. You can get by with resonators
(611 MHz)

Are you sure? I think that quarter wave elements about 4 inches long ought
to work OK--slightly longer if aren't tuning the resonators down with
capacitors.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

597. ARLX004 Balloon launch 1/21

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 21:16:27 UTC
From: w1aw@arrl.org
Message-ID: <$arlx004.1995@ampr.org>
Source record: 253509
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX004
ARLX004 Balloon launch 1/21

ZCZC AX73
QST de W1AW
Special Bulletin 4 ARLX004
From ARRL Headquarters
Newington CT January 19, 1995
To all radio amateurs

SB SPCL ARL ARLX004
ARLX004 Balloon launch 1/21

Balloon launch January 21

A balloon carrying Amateur Radio is planned for launch January 21 from Boone, Iowa, by a group calling itself the Iowa Balloon Scientists.

Payloads will include a transmitter sending global positioning information on 446.000 with transmissions at bursts of 9600 baud once per second;

A packet digipeater on 145.550 (-0.600 split), running approximately one watt and switched on and off at 15 minute intervals;

A 144/440 MHz crossband voice repeater (listen on 437.250 (plus or minus) FM. There may be some temperature drift. The uplink frequency is uncertain at this time and will be provided on the packet beacon. Since this is the first flight for this payload, there may be less than optimum operating conditions.

The packet digipeater and voice crossband repeater will alternate at 15 minute intervals, with changes planned for 00, 15, 30, and 45 minutes after the hour.

Interested amateurs are advised to monitor beacons for details on other payloads and operating schedules.

The launch is planned for 1500 UTC. An HF coordination net will meet on 7.155 MHz LSB beginning at 1430 UTC with N0AN as net control station.

Information from Barry Buelow, WA0RJT.
NNNN
/EX

598. Re: Looking for Testing Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 22:22:13 UTC
From: cbeals@agcom.tamu.EDU
Message-ID: <593BC6523@agcom.tamu.edu>
Source record: 253487

rjohnst@ibm.net asks:

>
>Does anyone know of a web page available for hams yet?
>
>Well thats it for the dumb questions. Hopefully by the end of Feb. I will have
>passed all my tests and awaiting my license.
>
>-B-

B,

Check this out: Ham Radio And More Home Page
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

Good luck B!

-C-

599. ARLD003 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 22:27:59 UTC
From: w1aw@arrl.org
Message-ID: <$arld003.1995@ampr.org>
Source record: 253512
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD003
ARLD003 DX news

ZCZC AE78
QST de W1AW
DX Bulletin 3 ARLD003
From ARRL Headquarters
Newington CT January 19, 1995
To all radio amateurs

SB DX ARL ARLD003
ARLD003 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin and the Contest Corral Column from the pages of QST magazine. Thanks to all.

PHILIPPINES. According to The DX Newsletter, 4E7 prefixes were to start being issued as of January 1, 1995. VS6VW reported hearing SM0CNS/4E7 active on 160 meters.

KENYA. 5Z4FO has been on 75 and 80 meters with CW and SSB below 3800 kHz. Operating has been as early as 2215z and as late as 0415. He has also been working 160 meters, mainly with CW, on 1832 kHz at 0100z. QSL via KB4EKY. Listen for 5Z4DU on 75 meter SSB at about 0330z. QSL via KG4X.

ZAIRE. Joe, G3MRC, is signing 9Q5MRC and has been operating mostly 30 and 20 meter CW between 1900 and 2200z. QSL via G3MRC. Bjorn, LA9IY, is active as 9Q5IY. He has been on 18071 kHz at 1630z. QSL direct only via LA1K.

SOUTH KOREA. Harry, HL9HH, is looking for some help with low band WAS. He needs CT, NJ, NC, RI, SC and VT on both 40 and 80 meters. On 80 he is looking for DE and MD, and on 40 he needs MA, ME and NH. Listen for him around 3589 and 7009 kHz after 1030z.

PACIFIC DXPEDITION. Ed, K8VIR, will be doing a lot of traveling over the next six months. He should start amateur activity from New Caledonia, FK. Other stops should include Western Samoa and Tonga. QSL via CBA.

CURACAO. John, W1BIH, will be active as PJ9JT until mid April. Try 3506 kHz at 0130z and 40 meter CW between 0100 and 0200z, and again at 1130z. Check 21279 kHz at 1430z. QSL via W1AX.

CAMBODIA. Mike, VS6WV, reports that Sanyi, XU7VK, has been on 1829 kHz at about 1435z.

ZIMBABWE. Bill, Z21CS, can be worked on 18124 kHz around 1715z. When QSLing, do not send IRCs or green stamps. Bill does request packets of flower seeds for his XYL. QSL via Bill Taylor, Box 264, Kwekwe, Zimbabwe.

THIS WEEKEND ON THE RADIO. Over the weekend you get to choose from the ARRL January VHF Sweepstakes, North American QSO Party Phone, North Dakota QSO Party and the YL-ISSB QSO Party CW. Details for the NA QSO Party appear on page 127 of January QST. Info on the other events are on page 123 of December QST.
NNNN
/EX

600. Re: Dilbert, 1/19/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 22:44:56 UTC
From: slay@netcom.com
Message-ID: <slayD2oCIx.H2F@netcom.com>
Source record: 253488

Benjamin Cox (thoth+@CMU.EDU) wrote:
: Check out today's (1/19/95) "Dilbert" comic strip.

In case you don't get the comic strip ... it goes something like this:

Frame One: Frame Two: Frame Three:

Dilbert: Liz: Dilbert:
If I left engineering I think it would What if I got my
and became a manager decrease your sex Ham Radio License
would I be as sexy as appeal by 17%. to compensate for
I am now, Liz? But that's just the loss?
a planning number.
Liz:
Look at my arm:
GOOSE BUMPS!!!

601. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 23:50:47 UTC
From: Jon.Gefaell@Virginia.EDU
Message-ID: <Jon.Gefaell-1901951850470001@cisco-slip31.acc.virginia.edu>
Source record: 253489

In article <1269.9.uupcb@totrbbs.atl.ga.us>,
les.scofield@totrbbs.atl.ga.us (Les Scofield) wrote:

>Someone posted a msg that we should boycott PepperGun Foggers. Why?

Because of innapropriate usage of USENET for the propogation of blatantly
commercial advertising. This is innapropriate and you will find yourself
quite broadly despised for such anti-social and disgusting behaviour.

>Don't hams need to protect themselves and their families as much as
>any other responsible group?

These advertisements were not spammed merely to the HAM groups. In fact I
found them in several completely unrelated heirarchies.

>Perhaps crime is not as bad in your area as it is here in Atlanta?

I carry pepper gas, a kubaton, a spiderco clipit endura (tactical
'assault' knife), an a SW 3913 (9mm self loading pistol) wherever I go.

Perhaps you are against a fellow ham trying to
>earn/create a job so he is no longer unemployed?

If the 'job' they're attempting to pursue involves such outrageously
vandalous behaviour as exhibited in the PepperGun Fogger case, YES.

>Anyway here is the ad in question:

And you brashly repeat yourself...

You've studied The Green Card Lawyers (Hi Martha!) well. You deserve to
reap what you sow.

--
Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
University of Virginia, ITC/Madison Hall | necessary to the security of a
--| free State, the right of the
Monticello Area Virtual Village | people to keep and bear Arms,
Systems Designer and Operations Manager | shall not be infringed."

"I swear to protect the Constitution of The United States (Will chmod (
of America against all enemies, foreign or domestic.") for food)
--

602. Re: FCC electronic filing bogus! Takes 4-6 weeks !!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-19 23:51:07 UTC
From: dmorgan@uoguelph.ca
Message-ID: <3fmttb$mmj@ccshst05.cs.uoguelph.ca>
Source record: 253514
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Will F Sopha (willfs@oeonline.com) wrote:
: copeland@fohnix.metronet.com (Charles Copeland) writes:
: >I passed no Technician test on 1/1/95 and paid $3 extra for the new
: >electronic filing that is supposed to take less than one week to
: >receive a liscense. I just contacted them to get my call letters and
: >was told they don't have an electronic feed yet and so the wait
: >will be 4-6 weeks even though I filed electronically !!!

: I am not sure where you took your test, but there should not have been an
: extra fee. That would not be legal since the FCC sets the maximum fee
: that can be charged to any applicant at any exam session. Currently
: the FCC has set that fee at $5.92

I paid $5.somethingorotehr to take my tests on January 4th.

: Since this NEW service only began on Jan 1, 1995, I am not sure how
: long it is going to take. Our goal is to eventually get the response time
: down to 48 hours. This would mean that after taking an examination,
: the candidate could dial via MODEM to the FCC computer and get
: his/her call sign information.

I was told that the exam results form the exam session I took part in
would be electronically filed wit the FCC by the ARRL. I took the exam
on January 4th, I called today, and my call was granted on January 18th
[exactly two weeks to the day I took the exam itself], and I now have a
new <and my first> call: KC7IHY.

So, I guess electronica filing is working :))

Deanne Morgan
KC7IHY

603. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 01:17:00 UTC
From: sdarragh@cisco.com
Message-ID: <sdarragh-200195091700@171.68.252.87>
Source record: 253492

```
Call-Sign: KD6OY Class: ADVANCED
Real Name: GARRY E SHANDLING Birthday: NOV 29, 1949
Mailing Address: 825 N SAN VICENTE, LOS ANGELES, CA 90069
Valid From: NOV 1, 1988 To: NOV 1, 1998

Patty Loveless
Call-Sign: KD4WUJ Class: NOVICE
Real Name: PATTY L RAMEY Birthday: JAN 4, 1957
Mailing Address: POB 624, DALLAS, GA 30132
Valid From: FEB 9, 1993 To: FEB 9, 2003
```

604. 1296 EME Sked wanted during Jan Contest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 02:25:54 UTC
From: hallock@ksu.ksu.edu
Message-ID: <3fn6vi$fkv@cbs.ksu.ksu.edu>
Source record: 253497

I am looking for 1296MHz skeds during the Jan VHF Contest.

Call - N0SGL, Dish - 28Ft., Power - 350 watts.

Telephone number DURING the contest is (913) 823-1119.

Please leave EMAIL if want a sked. My Home phone is (913) 827-3392.

Will be working from the WB0DRL Contest Station.

Thanks,
Chris
N0SGL

605. Re: Cheat sheet for TM-741A

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 02:42:13 UTC
From: Charles Stampf <cstampf@delphi.com>
Message-ID: <R02Yh51.cstampf@delphi.com>
Source record: 253493

Dave Bushong <dbushong@wang.com> writes:

>A couple weeks ago someone sent me email about getting a copy of the
>green quick-reference sheet for the 741. I don't have your email
>address any more. If you still want it (or anyone else in this
>newsgroup wants it), email me and I'll send you two small TIFF files,
>uuencoded.

Sounds great. Please send me a copy. Thanks.

606. LID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 03:16:25 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3fn9u9$p2p@geraldo.cc.utexas.edu>
Source record: 253442

gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE (Al Gerheim) asks:

>>Subject: Origin of "LID"

>>I was wondering about the origin of the (derogatory) term "LID", which
>>is often used as an insult in ham radio.

And frequently used to describe the third person to ask the same
question in one week in a newsgroup.

Welcome.

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

607. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 03:54:12 UTC
From: jjmartin@world.std.com
Message-ID: <D2oquD.14F@world.std.com>
Source record: 253494

In article <3fkhtf$4oe@coranto.ucs.mun.ca>,
Paul Piercey <ppiercey@random.ucs.mun.ca> wrote:
>Tony Campbell (sherdev@iaccess.ZA) wrote:
>: I am considering purchasing a R-7 vertical antenna and would be grateful for
>: any feedback

Paul writes:
>I have read some of the other responses and, although I don't use one, I
>have been told by several users of the R7 that it works quite well at the
>8 to 10 ft level, rather than on a high tower. Mayber some other users
>could expand on this. One local I know of had all kinds of problems with
>swr at the 30 ft level but mounted it on an 8 ft pole and it worked
>great, the noise level was lower and the output was better. Like I said,
>I don't use one but I would be interested in finding out just how
>effective high mounting or low mounting is, as I am considering one for a
>local club station.

I run an R5 here and am really impressed by its performance. I should have
picked up an R7 for the extra two bands of coverage (30 & 40 meters) but I
have a dipole that'll take up the slack for now.

Speaking with Ken Albertson at Cushcraft he says that optimum
installation is eight feet above and away from other objects that may
interfere with the antenna operation. It's a half-wave so no radials
needed. Radials would, in fact, de-tune either antenna and adversely
affect the performance.

My R5 is installed at least eight feet as prescribed and works great. I
did speak to another individual who ground mounted his R5 and has had
great results with it. He spoke up after I told someone else what I was
saying above about the eight feet above anything. Well, if it works...do it!

73 & gud dx
-jim-
WK1V

608. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 04:17:11 UTC
From: s2202629@np.ac.sg
Message-ID: <3fndg7$iml@nova.np.ac.sg>
Source record: 253388

In article <027709GCBMNHDMTGIPDU@ccsnet.com>, <fisherb@ccsnet.com> wrote:

>WHAT IS C W

CW is continous wave.

There is absolutely no intelligence in the signal, unless someone/thing
'keys' & 'unkeys' this wave (Morse code is commonly used to communicate
'intelligence' over the air).
^^^^^^^^^^^^ (Subjective, there might be no intelligence in the information
conveyed - they might not even be any information in it)

Am I wrong?

609. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 04:38:04 UTC
From: ppiercey@random.ucs.mun.ca
Message-ID: <3fnenc$4nb@coranto.ucs.mun.ca>
Source record: 253495

14033-R.SCHREIBMAIER(MT5655)1223MT (bob@mtdcr.att.com) wrote:
: From article <D2n9Ft.72I@hpqmoea.sqf.hp.com>, by dstock@hpqmdla.sqf.hp.com (David Stockton):
: > Just for fun, to balance things up a little, and not for public
: > release, of course; does anyone know of any notorious radio amateurs ?
: > Axe murderers, bank robbers, cannibals, politicians... etc.

: Here's one:

: K2PH Known to like CW! 8^{)

: Sorry, I couldn't resist.

: 73,
: Bob K2PH

That would be "Cannibal Women" or "Country & Western"?? :)

73

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@random.ucs.mun.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca
==========

610. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 05:05:26 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2ou52.Gu0@news.hawaii.edu>
Source record: 253515

phb@syseng1.melpar.esys.com (Paul H. Bock) writes:

>jeffrey@kahuna.math.hawaii.edu (Jeffrey Herman) writes:

>>It is the only mode requiring some level of acquired mental skill.

> Not true. Speaking and understanding speech requires "acquired
>mental skill;" if you don't believe that, ask someone who lost the

....

> Reading and understanding the written word also requires "acquired
>mental skill;" just as with speech, we are not born knowing how to read.
....

> Therefore, CW *and* voice communictions *and* textual transmission
>(RTTY, etc.) *ALL* require "acquired mental skill" on the part of the
>operator.

Ah, very good. You've just proved that the code test is not the only skill test required for a license. We hear some folks asking why code has been singled out as the qualifying factor for HF access. You've shown that it is not the single necessary skill required.

Now, we come into ham radio already with the ability to read, speak, and write. These skills were involuntarily learned, thrust upon us at tender ages. My `acquired mental skill' remark concerns learning a new skill (voluntarily) that we didn't possess prior to our interest in radio. There is no new learned skill needed to push the PTT button, nor to tap the keys on a keyboard, nor to transmit ATV.

I believe some linguists might disagree with your statement that we are not born with a knowledge of speech. The grunts, groans, and cries of a newborn baby are a form of unlearned speech.

Jeff NH6IL

611. Re: INFO WTD ICOM W2A

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 05:10:27 UTC
From: gfiber@halcyon.com
Message-ID: <3fngk3$nku@news.halcyon.com>
Source record: 253499

In article <Jon.Gefaell-1701951032260001@cisco-slip14.acc.virginia.edu>,
Jon.Gefaell@Virginia.EDU (Jon Gefaell) says:
>
>In article <oppD2J1L5.1HI@netcom.com>, opp@netcom.com wrote:
>
>>I'sd like to hear pro and con on this unit. a dealer who still has one of
>>these discontin ued units in stock says an easy key pad mod give you most
>>of 800 and 400 to 500. Is this true? Also, do u think this unit is still
>>a player against much more high tech units such as the yaesu ft11 (which
>>i know isnt a dual-bander) or the 51, which i believe is. E-mail
>>appreciated. thanks in advance.
>
>
>This radio, without a doubt is the finest dual band HT I've ever owned,
>and I've owned at least a half dozen in as many years. Solid, wide band,
>great features out of band (Hmmmm, whatever is 30Khz step rate for?)
>
>BUY IT!!!! (or I will)
>
>--
> Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
>University of Virginia, ITC/Madison Hall | necessary to the security of a
>--| free State, the right of the
> Monticello Area Virtual Village | people to keep and bear Arms,
>Systems Designer and Operations Manager | shall not be infringed."
>---
>"I swear to protect the Constitution of The United States (Will chmod (
> of America against all enemies, foreign or domestic.") for food)
>--
Well the Yeasu FT-11 needs a $90.00 adapter to operate directly from
12 volts D.C. "Yeasu did it again !" All you need with the IC-W2A for
direct D.C. operation is an OPC-288 cable. yes if you hold the Light,
B and # buttons, turn on the radio and wait for 2 seconds the receiver
is opened quite a bit wider. The 30 KHz tuning step is no fluke either.
High tech ? the radio is completely surface mount I am not sure about
what one means high tech is. But it and have some fun It has CTCSS
encode / decode built in, DTMF paging, no Alpha numeric paging though.
Icom's new Z1 has the Alpha numeric paging.

73' Gary p. Fiber

612. Re: Yakutat

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 05:14:57 UTC
From: mfilteau@netcom.com
Message-ID: <mfilteauD2ouKx.F38@netcom.com>
Source record: 253508

logon@lvld.hp.com (Mark) writes:

>Hi,
>I am going on an expedition to climb Mt. Logan in northern Canada. We
>are required to have radio contact, but don't want to carry an 8 pound
>SW radio. I would rather bring a hand-held 2 meter band radio. Where
>can I find information on repeaters near Yakutat, Alaska or northwestern
>Canada (if there are any)? And does anyone have suggestions on what kind
>of radio support would be good? We need to talk over probably 100mi and
>need VERY lightweight radio gear...

>-Mark Nash

Mark,

I tried email this to you, but it bounced. You might want to look in the
October, 1994 issue of QST, at the article "Backpacking, Troop 404-Style".
The author discusses using a hand-held 40M/15M CW/SSB unit, powered by a
flexible solar panel. A Japanese unit, but I forget the manuafacturer.
Looks really good.

p.s. I envy the heck out of you!!! have a great time! :-)

73 de mark kd4ggp

--
Mark L. Filteau <mfilteau@netcom.com>
Watson and Crick were into acid.

613. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 06:17:55 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3fnkij$4kh@hummin.sol.net>
Source record: 253431

Les Scofield (les.scofield@totrbbs.atl.ga.us) wrote:
: Someone posted a msg that we should boycott PepperGun Foggers. Why?
: Don't hams need to protect themselves and their families as much as
: any other responsible group? Perhaps crime is not as bad in your area
: as it is here in Atlanta? Perhaps you are against a fellow ham trying to
: earn/create a job so he is no longer unemployed?

No, you shouldn't be posting this in here for the same reason that I
should not post an ad for a home for sale. After all, everyone needs a home
to live in, don't they?? This group is for a subject matter relating to
Amateur Radio ONLY....so take your commercial off-topic postings somewhere
else.
Just because you happen to be a ham doesn't justify your posting the sale
of a commercial non-Amateur related product.

(stupid repost of ad deleted)

Gary K9GS

--
****
FROM THE "HOLE": THE RF DIODE / / /
/ / /
GARY SCHWARTZ K9GS / / /
INTERNET: garyk9gs@solaria.sol.net /======/=======/
PACKET: K9GS@WA9KEC.WI.USA.NOAM / /| /
SNAIL MAIL:W328 S8072 HICKORY NUT LN. / / | /
MUKWONAGO, WI 53149 / / | /
USA |
73 and keep your stick on the ice
#**********#

614. Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 06:41:00 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <3fnlts$9ss@agate.berkeley.edu>
Source record: 253500

> Best rule of thumb, UNPLUG and GROUND all your antennas.

> Kevin

I have read this advice before, but I do not understand why the grounding.
Wouldn't grounding the coax end make the antenna "more attractive" to a
lightning strike? I always thought that lightning would try to see ground,
and it seems to me that by grounding the end of the feedline, you are putting
the skyhook side of the system at ground potential.

Perhaps somebody can explain where I am going wrong on this one.

73 DE KD1YV (finally got my new ticket :-0
Jim

PS - if any text follows, it was not added by me or my server.

I made 20 pounds of dynamite. If they make that press release then
we'll blow it up.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.
This message contains automatically generated keyword blocks
that have been designed to resemble a threat. These blocks
are not a statement of intent by the remailer operator or anyone else.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
MI@```$Q^&2?(E<U9BPG1]W7LG=VKH_PEPU$/`1'0EA*X]W(L8PNPNKV=BIZJ
D1M!ZMV6U<EY^9"@"@6GOUD,"'S?[5$*9;K3(-":Q&EH:-.P,
====Encrypted-Sender-End====

615. Famous Ham question????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 06:52:01 UTC
From: sdarragh@cisco.com
Message-ID: <sdarragh-200195145201@171.68.252.87>
Source record: 253498

Wasn't Fred Gwynn (Herman Munster and Judge in My Cousin Vinny) also a ham?

Either way I believe he is now an SK as well.

Scott

--

Scott R. Darragh A.R.S. KE6MGW "When you win you get a feeling of

sdarragh@cisco.com exhilaration. When you lose you get
Cisco Systems, Inc. a feeling of resolution. You resolve
800-326-1941 x7173 never to lose again." -V. Lombardi
---

616. Re: got my first cw qrp dx! need callsign info

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 06:54:42 UTC
From: John Shuster <shuster5647@delphi.com>
Message-ID: <hG7bxz6.shuster5647@delphi.com>
Source record: 253502

Jerry:

Congrats on a great QRP contact. Here's the info:

CO2CJ
Carlos J. Paradela
Calle Remediois 219
Vibora Parck
Habana, 10900
Cuba

correction: Calle Remedios 219
(I can't back up on this interface to correct a line)

73,

John in Seattle,
KC7CKP

617. Re: Baypac BP-1 Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 08:08:34 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.42.0041C471@dlep1.itg.ti.com>
Source record: 253490

In article <rldesD2nnMt.7AC@netcom.com> rldes@netcom.com (Richard Roznoy) writes:
>From: rldes@netcom.com (Richard Roznoy)
>Subject: Re: Baypac BP-1 Help
>Date: Thu, 19 Jan 1995 13:47:17 GMT

>Steven Phillips (sphillip@nyx10.cs.du.edu) wrote:

>: Does anybody know of ANY software other than Baycomm that will work with the
>: above Packet or of any drivers that will let me use it with other programs? I REALLY HATE BAYCOM and Tigertronics said there were Lots of programs that support it. Any help would be appreciated, thanx...

>: 73 DE KB0OLF
>: Steve

>Try to get a copy of tfpcx, this is a Baycom like driver which will work
>with the Baypac modem. It is a driver only and you will still need a
>terminal program such as Super Packet ver 6.1.. I understand that there
>is a more recent version of Super Packet, ie. ver 6.5 that will also
>work.
>73's Rich KA1OF

Richard, where can I find the Super Packet program? Will this program run on a Baycom Modem?

TNX es 73 de DU2BBH (Wasmir)

618. Re: VFX7.0 ATV PROGRAM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 08:12:28 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.43.00455A13@dlep1.itg.ti.com>
Source record: 253491

In article <rldesD2np0u.9xn@netcom.com> rldes@netcom.com (Richard Roznoy) writes:
>From: rldes@netcom.com (Richard Roznoy)
>Subject: Re: VFX7.0 ATV PROGRAM
>Date: Thu, 19 Jan 1995 14:17:18 GMT

>Ken Hopkins (hopken@interaccess.com) wrote:
>: Hi. A friend has asked me to try and locate a file called VFX7.0 or something
>: similar on the Net. It's some sort of ATV program. Anybody know what it
>: is and where I can find it?

>: Thanks for your help!

>: ==
>: Ken Hopkins WA9WCP | Internet - HOPKEN@interaccess.com
>: Disaster Team | AMPRnet 44.72.1.162
>: American Red Cross | AX.25 WA9WCP@W9ZMR.IL.USA.NOAM
>Perhaps you are refering to JVFAX ver 7.0 used for SSTV, ie. slow
>Scan TV...This allows vga quality color picts over HF..Listen 14.230 Mhz.
>73s Rich KA1OF

That's exactly what came to my mind when I read this msg yesterday. If
you're referring to JVFAX ver 7.0 then try anonymous ftp to

ftp.funet.fi /pub/ham/misc/jvfax70.zip

That's where I got my copy last Sept 7, 1994

Good luck and Mabuhay from Philippines.

de DU2BBH (Wasmir)

619. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 08:54:06 UTC
From: LPH006@EMAIL.MOT.COM
Message-ID: <LPH006-200195094811@219.1.162.57>
Source record: 253501

In article <m0rTg2s-0007KLC@minnie.iaccess.za>, sherdev@iaccess.ZA (Tony Campbell) wrote:

> I am considering purchasing a R-7 vertical antenna and would be grateful for
> any feedback
>
> Thanks.
>
> Tony.
> ZS6NAC in Johannesburg

Tony,
I purchased an R5 from Cushcraft and I'm quit satisfied... I have no problems what so ever on SWR on all 5 bands but I agree it should be in the clear. For the moment she is standing next to my house on about 8 meters high and this is not an ideal situation. I also made it rougher so she can stand stronger winds because the weekest point is the connection of the radial with the isolator at the bottem. Especially the R7 has the weekest point there. I made is rougher with Epoxy glue and fiberblades... No problem and very cheap solution.
Have fun

--
Peter Holvoet at Motorola ISG Belgium
Internet : lph006@email.mot.com HamCall : ON6HP
I am not a spokesman for Motorola

620. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 11:02:13 UTC
From: neil.lauritsen.0@hardfacts.com
Message-ID: <9501211800552839@hardfacts.com>
Source record: 253504

```
-> Path:
-> tequesta.gate.net!news.sprintlink.net!howland.reston.ans.net!gatech!s
-> From: Aditya Angrish <aditya@corp.sgi.com>
-> Newsgroups: rec.radio.amateur.misc
-> Subject: Re: Need Words for abbrev KC5LWF
-> Date: 18 Jan 1995 19:22:18 GMT
-> Organization: Silicon Graphics Inc., Mountain View, CA
-> Lines: 25
-> Message-ID: <3fjppa$fv0@fido.asd.sgi.com>
-> References: <3fh5mp$gbm@fohnix.metronet.com>
-> <3fhbet$1l5e@yuma.ACNS.ColoState.E
-> NNTP-Posting-Host: films.corp.sgi.com
->
-> barry@indirect.com wrote:
-> >
-> > In article <3fhbet$1l5e@yuma.ACNS.ColoState.EDU>
-> galen@picea.CFNR.ColoState.E
-> > >From: galen@picea.CFNR.ColoState.EDU (Galen Watts)
-> > >Subject: Re: Need Words for abbrev KC5LWF
-> > >Date: 17 Jan 1995 21:05:33 GMT
-> >
-> > >In article <3fh5mp$gbm@fohnix.metronet.com> copeland@fohnix.metron
-> > >(Charles Copeland) writes:
-> > >>I just got my call sign today! Was issued on Friday 13th 8-\
-> > >>Could use a easy to remember phrase for the last three letters.
-> > >>Haven't had much luch yet. Long Winded Fool .... naaah :-(
-> >
-> > >Like, Wow, Freaky
-> >
->
-> Unless you are one of the 'gifted ones' who understands them wimmen..
-> How about
-> Lousy With Females :-)
->
-> Aditya
-> KE6PRL

Or how about Keeps Chasing 5 Lovely Women Foolishly

Neil KA3DBK
Dirty Blonde Kisser
Data Base Killer
Dirty Bird Killer, etc.
```

--- WILDMAIL!/WC v4.00
* Origin: Cat House BBS! Systems (1:3603/110.0)

621. ESSAI

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 11:35:00 UTC
From: rene.villemure@inno.com
Message-ID: <8116.4299.uupcb@inno.com>
Source record: 253506

Salut Michel je n ai pas eu de reponse encore pour ton logiciel pour ton appel 3. J en ai parler a mon fere qui va faire queles recherche lui aussi se son coter. Je ne sais pas si tu va recevooir ce message mais tu le recoit tu me le confirme sur VE2-RHM 147-345mhz en plus.

73z Michel et ALP.

622. ESSAI

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 11:39:00 UTC
From: rene.villemure@inno.com
Message-ID: <8117.4299.uupcb@inno.com>
Source record: 253507

BONJOUR PAUL JE FAIT UN AUTEE ESSAI POUR VOIR SI TU VA RECEVOIR CE MESSAGE.
NOUS LE 20 JANVIER 11.44 AM JE SERAI A L ECOUTE SUR VE2 TA POUR AVOIR TA
REPONSE.

73z Paul et merci des essai
VE2-VIR Rene.

623. 418Mhz Tx Rx modules

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 12:33:22 UTC
From: 64422348@mmu.ac.UK
Message-ID: <4C550885D27@EXCELSIOR.MMU.AC.UK>
Source record: 253522

Where in the Uk can I buy approved ready built 418Mhz low power
modules, for use in a short distance remote control project?

Thanks, James Salisbury
64422348@mmu.ac.uk

624. Re: CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 12:48:30 UTC
From: brunelli_pc@delphi.com
Message-ID: <p69a5H2.brunelli_pc@delphi.com>
Source record: 253511

All of this CW rhetoric is interesting (NOT!!) but it is also the reason
i stopped reading r.r.a.policy. Enjoy your favorite mode and give thw
CW arguments a rest!

later
pete brunelli
n1qdq

625. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 12:55:36 UTC
From: brunelli_pc@delphi.com
Message-ID: <p4+aR-4.brunelli_pc@delphi.com>
Source record: 253516

Jeffrey Herman <jeffrey@kahuna.tmc.edu> writes:

>Now, we come into ham radio already with the ability to read, speak,
>and write. These skills were involuntarily learned, thrust upon us at
>tender ages. My `acquired mental skill' remark concerns learning a
>new skill (voluntarily) that we didn't possess prior to our interest
>in radio. There is no new learned skill needed to push the PTT button,
>nor to tap the keys on a keyboard, nor to transmit ATV.

Jeff, you have now totally lost your mind. No skill in any mode other
than CW , eh... Not only an insult to all experimenters and pioneers
of new modes, but an unqualified razz at those who have moved "beyond"
manual morse code. If i knew that ATV was an inherent skill i would have
been into long ago! The same for HF digital.

I have actually defended you in the past, at least your right to an
opinion, but this is so idiotic that i beleive that you may have
waived even these basic rights.

Read this quaote from your recent post and see if you can detect the
arrogance and ignorance it represents.

pete brunelli
n1qdq

626. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 13:47:32 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3foetk$4gd@acme.freenet.columbus.oh.us>
Source record: 253510

Howard Lester (hlester@nemo.as.arizona.edu) wrote:
: In article <m0rTg2s-0007KLC@minnie.iaccess.za> sherdev@iaccess.ZA (Tony Campbell)
writes:
: >I am considering purchasing a R-7 vertical antenna and would be grateful for
: >any feedback

: If you don't install ferrite beads on the coax line, your chances for (RF)
: feedback are greatly enhanced! NOT something to be grateful for!

: :)

: Howard Lester
In the former location of my R7 I had once had a Hustler multiband vertical.
I had very much trouble with RF feedback, etc. Without special precautions,
the R7 in the same location gave no evidence of RF in the shack, which was
in a frame house about 75 feet away at the same level. Now the R7 is around
30 feet from the operating position, 10 feet above it, and I have no signs
on RF down here. 73 and GL Gerry K8EF@W8CQK.OH.USA.NA

627. Arizon Rover-DM32,33,34,35,42,43,44,45

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 14:07:04 UTC
From: bob kline <bkline@space.honeywell.com>
Message-ID: <1995Jan20.070705.1624@biivax.dp.beckman.com>
Source record: 253447

Rover N7QJP Sunday 1/22/95 only (N7QJP Stu & N7SKT Bob)

Bands:50Mhz(50.125_usb;52.525_fm);144Mhz(144.200_usb);432Mhz(432.1_usb)

Schedule: (Should I say "Plan")

DM 33 Starting at around 7:00am (Local Az. Time)
DM 34 8:30AM Yarnell(Check in Arizon 2m SSB net In Tucson 144.3_usb)
DM 35 We will proceed North to the Ash Fork area (time unknown)
DM 45 We will procedd East to Flagstaff (Snow Bowl) and Lunch
DM 44 We will go South (Sunset Point? or other High Ground)
DM 43 We will go South To the Carefree area
DM 42 We will go South and East "Picho Peak":(sp)
DM 32 We will then Backtrack WEST on I8 to high ground and Gila Bend
DM 33 We go North to Home (Sometime before the contest ends)

Well move up If there are and pileups, Hope to here you Tim and Al.

(Word has it also there will be a group on Smith Peak both days.
They will have a 16 foot dish, working 1296,432,144,50Mhz, looking
for 6 land contacts. I'm not sure of the call being used.)

73 N7SKT Bob Kline

"My words are my own not HONEYWELLS"
Email bkline@primenet.com

628. Looking for CW radiotelegraph key

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 14:45:43 UTC
From: rdkeys@csemail.cropsci.ncsu.edu
Message-ID: <3foian$rks@taco.cc.ncsu.edu>
Source record: 253449

Fellow Brass Pounders, Telegraphers and CWISTS of the first water:

For a couple of years now, I have been looking for a CW radiotelegraph key. I only want to buy one, and I want it to last for the rest of my life (really), so I am after the very finest that one can lay hands on.

Of all the various keys I have seen/used in about 30 years, the only one that holds a candle is a thing called the ``Swedish Key''. I have only seen three firsthand, one at a hamfest recently in Richmond that had a bent nosepiece (hence I would not even go near it), one that belongs to a good friend from whom I would not dicker about said piece), and the last one is the key from the Queen Mary (same design, but not same manufacturer --- the design is almost identical).

I am sure we all have our opinions about telegraph keys, but most made these days are backwater gear. It is kind of like running a Model-T Ford or a Bugatti, if you know what I mean.

The key I am after is/was made by a company called:

``Lennart Pettersson & Co., Hoverberg'' (Sweden?).

I don't know if it has a particular model number.

If anyone has an address for this company, or for anyone who may be distributing/special ordering these keys, I would love to find out that information. Likewise, if anyone has an address for a company that makes this exact type key, I would love to find out that info.

I gotta get my fingers on one of these beauties....

Thanks!

Bob/NA4G
rdkeys@csemail.cropsci.ncsu.edu

```
**************************************************************************
* 73 TU SU VA DE NA4G ``Boat Anchor Bob'', an ol' CW fart. *
**************************************************************************
* Morse has been in the family for over 100 years. *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914. *
**************************************************************************
* May you have fair winds and following seas on your watch at the key. *
**************************************************************************
```

--

629. ? QSLs from NASA Apollo special event stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 15:31:38 UTC
From: jlockwd@ix.netcom.com
Message-ID: <3fol0q$ifs@ixnews3.ix.netcom.com>
Source record: 253433

This is directed at anyone who worked one of the approximately dozen special event stations operating around July 20 last year to commemorate the Apollo moon landing.

Have you received a QSL certificate yet?

Obviously I haven't or I wouldn't be asking such a question. I don't know if the batch of SASEed QSLs I sent out got lost or if the club stations have simply been overwhelmed with the response workload. Still, it seems odd to me that none of the eight stations I contacted have responded.

So what's deal here? Did you get yours?

Expiring minds want to know.....

73,

Jim Lockwood - km6nk

630. gus sound card and sm4.15

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 15:32:40 UTC
From: wapembe@clark.net
Message-ID: <3fol2o$1l3@explorer.clark.net>
Source record: 253459
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

i found the solution to my sound card problem and supermorse (4.15). first,
a quick recap of events.

i have a gravis ultrasound card (rev 2.4) that was set for base address 240.
the init string for the card was 240,1,1,11,5. this shows, in order, base
address, dma channel (play i think), dma channel (record i think), gus irq
and sb irq. the card works within dos and windows with no problems.

after reading the docs for sm4.15 i decided the init string for the blaster
support should be "A240 I5 D1 T1" for proper use. however, this did not work.

the program would lock-up after i selected the sound card (options->misc menus)
then made a couple of menu choices to select the training type. the only way
to regain control was with a cntrl-alt-del. i did receive a "run time error of
200 at 0F72:2AF6" once. i spent a very frustrating day rebooting my system and
trying various different blaster control strings to no avail. i finally called
the author for his ideas.

the only thing we could come up with was to rejumper the sound card for 220 and
try that. this did the trick. the super morse program is now happily talking
with my sound card.
--
discourse by wapembe@clark.net/veni, vidi, wapembe! "i came, i saw, i snoozed!"

631. Need comments on FUTURE of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 15:45:38 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199501201548.HAA02877@ucsd.edu>
Source record: 253445

> lets hope the future does away with code completly. with all this
>hi-tech communications, whats the point anymore?
>Ron VE3 TDH

if someone wants to send morse code, there's no reason why they shouldn't.

the same logic should apply to other signaling methods as well, instead of having to go get government approval before being able to experiment.

bill wb9ivr

632. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:00:23 UTC
From: jholly@cup.hp.com
Message-ID: <D2poGn.5nu@cup.hp.com>
Source record: 253448

Ken Hopkins (hopken@interaccess.com) wrote:
: Anyone have any thoughts about where I could come up with about 20 orange
: vests or arm bands? I need about 20 of these to identify volunteers at an
: event where they need to be immediately recognizable.
: Thanks for your thoughts!

Have you thought of mugging CalTrans workers for their vests?

633. 359- A look ahead for ACS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:06:11 UTC
From: enge@almaden.ibm.COM
Message-ID: <199501201613.IAA07001@ucsd.edu>
Source record: 253520

Bid: $RACESBUL.359
Subject: 359- A look ahead for ACS

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

Bulletin 359 MGT - An Overview - A look at the year 2000!
Release Date: January 1, l995

If the past few years are an example of changes to come, then we
may not recognize what serving in an Auxiliary Communications
Service will be like in the 21st century!

Today the situation is no longer just that of operation of radios
or packet. It involves much more than that; like assistance with
a wide array of SYSTEMS: telephone, satellite, microwave,
computers. When understood thoroughly, it covers everything from
disaster information and intelligence to the delivery,
installation and operations of systems in support of needs that
may not be even thought of as yet!

Just consider some of the evolving changes of the 1990's:
In the catastrophic Oakland Hills fire a special California
State Office of Emergency Services (OES) ACS-RACES team brought
in a specially equipped van, "RF-1", to setup multiple links to
telephones. By microwave they linked the command center in the
fire storm area (where phone and electric lines were out) to the
toll plaza of the San Francisco - Oakland Bay Bridge (line-of-
sight) and thence into the commercial phone system. This multi-
purpose sophisticated mobile emergency communications platform
is one of three designed, created and implemented by this team
of volunteers in the Bay Area. By-the-way, one of the team
leaders, although a communications volunteer, is not an
Amateur Radio Service licensee.

A CA Department of Forestry Ranger Unit developed and deployed a
Mobile Video Vehicle, a Jeep Cherokee, based on a commercial unit
owned by KGO San Francisco, CA.

State OES ACS/RACES participants developed satellite strike teams to transport and setup portable trailer-mounted satellite dishes as part of the state-wide Operational Area Satellite Information System (OASIS) which provides up to 32 telephone lines to a local jurisdiction via satellite. These units were deployed during l994 to incidents as appropriate.

In on-going preparation for future emergencies, State OES headquarters ACS responders provide DAILY agency administrative support and program management to assist counties and cities by preparation of ACS/RACES plans, writing manuals, producing informational materials, bulletins, flyers, and other support including secretarial and clerical assistance. They conduct tests and analysis of new equipment and systems. They provide support of Public Safety systems, transportation and delivery of equipment, and specialists in support of agency computer systems.

In a situation in late '94 Internet was used as a tool for the flow of vital data. In an earthquake at Eureka, California images and information was made available on the INTERNET.

There are literally scores of interesting and challenging opportunities for an Auxiliary Communications Service as part of its service for government. Can you imagine the possibilities that will abound in the 21st century! It's almost unbelievable what can be done, yet it is up to those who are willing - and who have the foresight - to do it!
-- -- --
ACS Addresses: 2800 Meadowview Rd., Sacramento, CA. 95832.
Ph: 916-262-1600. FAX 916-262-1677. Landline BBS: 916-262-1657.
W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.
eom

634. RB360 Multiple Commit.1/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:06:49 UTC
From: enge@almaden.ibm.COM
Message-ID: <199501201614.IAA07079@ucsd.edu>
Source record: 253517

Bid: $RACESBUL.360
Subject: RB360 Multiple Commit.1/2

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

360 Multiple Commitments 1/2 Release Date: January 9, l995

Query from Emergency Management Agency Official: Why do Amateur
Radio operators sign up with a multitude of places to serve and
then are not available to any particular unit when really needed?

Reply: Here are some ideas, perceptions and practices that result
in that situation:

Item 1. Those who want total control over their activity. They
"pick and chose" where and when to serve - IF at all. This can
also be an excuse for other concepts including a fear of
commitment itself.
This is often heard from those who say that their "unit is
never called on in an emergency" [meaning to operate their radios
and make them feel good about what they want to do but can't]
because:
a: they aren't committed enough to any one program to make it a
viable one. Or
b: they don't grasp the major changes in the government's
communications needs of the 90's. Or
c: the unit isn't an active part of its government and isn't
utilized due to such reasons as the above; or as a result of the
agencies perception of the people or the programs usefulness.

Item 2. Multiple card-carriers who want to feel like they are
"really doing something" when in fact they may be doing little
or nothing in a cohesive and directed manner.
This can be an extension of the need to control described in
item 1.
There will be those of this group who will contend that they
are "never called out and so they belong to several of the groups
so they will be able to actually do something" as they express

it. [review item one and also see next bulletin.] This can also be a person on a real ego trip. In either case it may be best to let them fade away without depending on them until they ask "why?". Generally, those with such attitudes can't be helped until they are ready to look beyond their own perceptions.

There are, of course, other aspects of the above, so please keep in mind that one of the major purposes of these bulletins is to aid on-going dialog between the agency Radio Officer and the paid staff. It isn't a matter of whether this presentation of this is "correct" or not (as there are other possibilities), but that it stimulates interchange of ideas and relationships on the topic. It will help to study the next bulletin before forming an opinion! The entire topic is complex and covered in related bulletins on "reasons" that people give as a justification of their actions. (continues next week)

-- -- --

ACS Addresses: 2800 Meadowview Rd., Sacramento, CA. 95832.
Ph: 916-262-1600. FAX 916-262-1677. Landline BBS: 916-262-1657.
W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.

eom

635. RB361 Multiple Commit. 2/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:07:21 UTC
From: enge@almaden.ibm.COM
Message-ID: <199501201614.IAA07105@ucsd.edu>
Source record: 253521

Bid: $RACESBUL.361
Subject: RB361 Multiple Commit. 2/2

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

Bulletin 361 MGT - Multiple Committments 2/2
Release Date: January 16, l995

Continuation of the reply to the query: Why do Amateur Radio
operators sign up with a multitude of places to serve and then
are not available to any particular unit when really needed?

Item 3. Misunderstanding by the person having multiple
commitments and/or poor leadership. Unit participants want
benefits they can understand, but this may not be apparent to
them. It takes an effort on the part of the leaders to place
benefits into focus for the participants; still, it is also up
to the participant to seek these out.

Item 4. Leaders must make the benefits of commitment to any
program clear, meaningful and purposeful. It doesn't matter
whether it's the RACES, Red Cross or whatever. Its leaders CAN
help participants realize the importance of committing to support
ONE program of the person's CHOICE. Leaders must understand their
own program, communicate its importance and develop participants
with an interest in really making a contribution to a specific
program. When that is done you can have people signed up with
several programs, but whose prime commitment is to one specific
program first and foremost. It's a matter of the mental
understanding and approach of the leaders and of conveying its
importance to the participants. It takes effort and time, but is
worth it in the long run. It begins with expectation.

Item 5. People with undeveloped self discipline have difficulty
pushing themselves into new ideas, applications and concepts;
such as "my commitment to the (unit name) is important to me and
to my community; I willingly agree to serve the unit of my choice
to the best of my ability." Without self discipline there are

people who won't make good operators/participants in any program. It's best to just let them float where they will - basically ignoring them - and build the program around the few really committed participants to whom the work and program is really important.

Since one of the major purposes of these bulletins is to further the rapport between the agency coordinator and the Radio Officer it is recommended that they be discussed in person at an appropriate opportunity planned by the Radio Officer.

-- -- --

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W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.
eom

636. Re: FCC Change of Address form

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:17:47 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Jan20111747@cassandra.bbn.com>
Source record: 253518

In article <D3H554.95Jan19083503@foghorn.pnl.gov> d3h554@foghorn.pnl.gov (Curtis N. Bingham) writes:

I've (not so) recently moved, and need to notify the FCC of a change of address. If I remember correctly, there was a form in the back of the Now Your Talking book, but that has long since been loaned out and never returned. Does anyone have any pointers on obtaining a new form?

That one would have been out of date anyway, probably. Send an SASE to the ARRL* or the FCC in Gettysburg and request a copy of form 610 (yes, the same one that you apply for a license on), fill that out with the appropriate box checked, and you're done.

*ARRL
225 Main Street
Newington, CT 06111

/JBL
=
Nets: levin@bbn.com | "Earn more sessions by sleeving."
pots: (617)873-3463 |
ARS: KD1ON | -- Roxanne Kowalski

637. Re: ? QSLs from NASA Apollo special event stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:19:08 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Jan20111908@cassandra.bbn.com>
Source record: 253519

In article <3fol0q$ifs@ixnews3.ix.netcom.com> jlockwd@ix.netcom.com (Jim Lockwood) writes:
This is directed at anyone who worked one of the approximately dozen
special event stations operating around July 20 last year to commemorate
the Apollo moon landing.

Have you received a QSL certificate yet?

I sent three, have received one so far.

Be patient.

/JBL
=
Nets: levin@bbn.com | "GO TO JAIL. Go directly to jail. Do not pass
POTS: (617)873-3463 | Go. Do not collect $200."
ARS: KD1ON | -- Parker Brothers

638. Latest Version of BayCom (1.7)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 16:57:19 UTC
From: tja@netcom.com
Message-ID: <tjaD2pr3J.82p@netcom.com>
Source record: 253453

I just received the latest version of Baycom. It appears to be version
1.7 and is available via E-Mail FTP, send mail to:

ftp@tdd.in-berlin.de

Subject: FILE BAYCOM17.ZIP

Body of message should be left blank.

Oh, and by the way, it works.

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services MCIMail: 697-7009
P.O. Box 4157
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880
---

639. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:11:47 UTC
From: mosier@fagan.uncg.edu
Message-ID: <mosier.342.0@fagan.uncg.edu>
Source record: 253523

This list has been around before, but here it is again.

SOME FAMOUS HAMS...

9K2CS Prince Yousuf Al-Sabah
9M1 King of Malaya
EAJC Juan Carlos, King of Spain
F5GJ Marlon Brando aka Martin Brandeaux, actor
G3TZH Tony Dolby, brother of "the" Dolby
HS1A Bhumiphol Adulayadej, King of Thailand
JY1 King Hussein of Jordan
JY2 Queen of above
K2ORS Jean Shepard, author
K4LIB Arthur Godfrey, TV performer (SK)
K6DUE Roy Neal, television reporter
K7TA Clifford Stoll, author & scientist
K7UGA Senator Barry Goldwater
KB2GSD Walter Cronkite, newsman
KC4OCA Gordon Barnes, weatherman
KD6OY Garry Shandling, comedian
LU1SM Carlos Saul Menem, President of Argentina
N4KET David French, CNN newsman
N4RH Ralph Haller, FCC Public Radio Bureau chief
N6FUP Stu Cook, baseball player
N6KGB Stewart Granger (born James Stewart), actor
N6YOS Priscilla Presley, actress
NK7U Joe Rudi, baseball player
SU1VN/P Prince Talal of Saudi Arabia
SV2ASP/A Monk Apollo
U2MIR/UV3AM Musa Manarov, cosmonaut
UA1LO Yuri Gagarin, cosmonaut (SK)
VK2KB Sir Allan Fairhall, politician
VU2RG Rajiv Gandhi, Prime Minister of India (SK)
VU2SON Sonia Gandhi, XYL of VU2RG
WORE Tony England, astronaut
W5LFL Owen Garriot, astronaut
W6EZV General Curtis LeMay (SK)
W6QYI Cardinal Roger Mahony
W6ZH Herbert Hoover Jr (ARRL President, son of HH) (SK)
W8JK John Kraus (astronomer/electrical engineer/antenna guru)
WA4CZD Chet Atkins, guitarist
WA4SIR Ron Parise, astronaut
WA7WYV Andy Griffith, actor
WB4KCG Ronnie Milsap, singer
WB6ACU Joe Walsh, singer

WB6RER Andy Devine, actor (SK)
OE3AH Anton Hapsburg, Pretender to throne,
Austro-Hungarian Empire
KZ3Y Prophet Elijah
VR6TC Tom Christian, great (great-great ??) grandson of
Fletcher Christian, from the original Bounty
mutineers. He lives on PitcairnIsland.

EVEN MORE FAMOUS HAMS...

KA9FAT The Maytag repairman
SW1SH Inventor of the intermittent windshield wipers
VLVO Famous car maker (and his true QTH!)
Mc8HAM CEO of McDonald's
PERT A recent presidential candidate
AX1GOP Another recent presidential candidate
JA3NYC Owner of Empire State Building
VE3WON Manager, Toronto Blue Jays
A1PIG Madonna
IM6GUN Matt Dillon (Gunsmoke)
N3POP Orville Reddenbacker
KA4CNN Ted Turner
CU5YRS Mike Tyson
CU8YRS Jim Bakker
N5KKK David Duke
G3BYE Princess Dianna
N6ET Steven Spielberg
W2TOP/10 David Letterman

AND SOME SILENT KEYS...

K1NG Elvis Presley
KMOO Merlin Perkins
W6FLY Amelia Earhart
PLKA Lawrence Welk
KZAP Nicolai Tesla
CORS Adolph Coors
W2UAW Jimmy Hoffa
K2SNL John Balluchi
W8CAR Henry Ford
W4KFC Col. Sanders

AND A FEW OTHER FAMOUS ONES HEARD ON THE AIR...

RG8U
R2D2

640. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:17:43 UTC
From: tja@netcom.com
Message-ID: <tjaD2ps1J.Buu@netcom.com>
Source record: 253524

Ken Hopkins (hopken@interaccess.com) wrote:
-> Anyone have any thoughts about where I could come up with about 20 orange
-> vests or arm bands? I need about 20 of these to identify volunteers at an
-> event where they need to be immediately recognizable.
-> Thanks for your thoughts!

How about a "GALL'S" catalog for police, fire and EMS supplies.
There number is 1-800-477-7766.

Tom
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services MCIMail: 697-7009
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880
---

641. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:22:08 UTC
From: mosier@fagan.uncg.edu
Message-ID: <mosier.343.0@fagan.uncg.edu>
Source record: 253527

Sorry, that last list didn't translate any of the 0's into ASCII.
Sort of ruined it. So here it is again. steve/W3GRG

SOME FAMOUS HAMS...

9K2CS Prince Yousuf Al-Sabah
9M1 King of Malaya
EA0JC Juan Carlos, King of Spain
F05GJ Marlon Brando aka Martin Brandeaux, actor
G3TZH Tony Dolby, brother of "the" Dolby
HS1A Bhumiphol Adulayadej, King of Thailand
JY1 King Hussein of Jordan
JY2 Queen of above
K2ORS Jean Shepard, author
K4LIB Arthur Godfrey, TV performer (SK)
K6DUE Roy Neal, television reporter
K7TA Clifford Stoll, author & scientist
K7UGA Senator Barry Goldwater
KB2GSD Walter Cronkite, newsman
KC4OCA Gordon Barnes, weatherman
KD6OY Garry Shandling, comedian
LU1SM Carlos Saul Menem, President of Argentina
N4KET David French, CNN newsman
N4RH Ralph Haller, FCC Public Radio Bureau chief
N6FUP Stu Cook, baseball player
N6KGB Stewart Granger (born James Stewart), actor
N6YOS Priscilla Presley, actress
NK7U Joe Rudi, baseball player
SU1VN/P Prince Talal of Saudi Arabia
SV2ASP/A Monk Apollo
U2MIR/UV3AM Musa Manarov, cosmonaut
UA1LO Yuri Gagarin, cosmonaut (SK)
VK2KB Sir Allan Fairhall, politician
VU2RG Rajiv Gandhi, Prime Minister of India (SK)
VU2SON Sonia Gandhi, XYL of VU2RG
W0ORE Tony England, astronaut
W5LFL Owen Garriot, astronaut
W6EZV General Curtis LeMay (SK)
W6QYI Cardinal Roger Mahony
W6ZH Herbert Hoover Jr (ARRL President, son of HH) (SK)
W8JK John Kraus (astronomer/electrical engineer/antenna guru)
WA4CZD Chet Atkins, guitarist
WA4SIR Ron Parise, astronaut
WA7WYV Andy Griffith, actor
WB4KCG Ronnie Milsap, singer

WB6ACU Joe Walsh, singer
WB6RER Andy Devine, actor (SK)
OE3AH Anton Hapsburg, Pretender to
throne of Austro-Hungarian Empire
KZ3Y Prophet Elijah
VR6TC Tom Christian, great (great-great ??) grandson of
Fletcher Christian, from the original Bounty
mutineers. He lives on Pitcairn Island.

EVEN MORE FAMOUS HAMS...

KA9FAT The Maytag repairman
SW1SH Inventor of the intermittent windshield wipers
V0LVO Famous car maker (and his true QTH!)
Mc8HAM CEO of McDonald's
PER0T A recent presidential candidate
AX1GOP Another recent presidential candidate
JA3NYC Owner of Empire State Building
VE3WON Manager, Toronto Blue Jays
A1PIG Madonna
IM6GUN Matt Dillon (Gunsmoke)
N3POP Orville Reddenbacker
KA4CNN Ted Turner
CU5YRS Mike Tyson
CU8YRS Jim Bakker
N5KKK David Duke
G3BYE Princess Dianna
N6ET Steven Spielberg
W2TOP/10 David Letterman

AND SOME SILENT KEYS...

K1NG Elvis Presley
K0MOO Merlin Perkins
W6FLY Amelia Earhart
P0LKA Lawrence Welk
K0ZAP Nicolai Tesla
C0ORS Adolph Coors
W2UAW Jimmy Hoffa
K2SNL John Balluchi
W8CAR Henry Ford
W4KFC Col. Sanders

AND A FEW OTHER FAMOUS ONES HEARD ON THE AIR...

RG8U
R2D2

642. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:26:12 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.790622772@melpar>
Source record: 253460

>Jeffrey Herman <jeffrey@kahuna.tmc.edu> writes:
>
>>Now, we come into ham radio already with the ability to read, speak,
>>and write. These skills were involuntarily learned, thrust upon us at

Yes, I acknowledged that in my response.

>>tender ages. My `acquired mental skill' remark concerns learning a
>>new skill (voluntarily) that we didn't possess prior to our interest

Yes, that's what I said in the last paragraph of my previous post.

>>in radio. There is no new learned skill needed to push the PTT button,
>>nor to tap the keys on a keyboard, nor to transmit ATV.

Well, I still think you're making an unfair generalization. Let's take
"tapping on the keys of a keyboard," for example. Because the keys have
letters and numbers on them, I can "type" by the hunt & peck method which
doesn't require me to "learn" where the keys are so I can touch-type
without looking at them. If I want to be a *skilled* typist I must
"acquire the skill" of touch-typing through the development of "muscle
memory" (a decidedly *mental* process, since it involves memory), much
in the same manner that one learns to play a musical instrument (like
a banjo, which I also do).

Now, I can send CW by the "hunt and peck" method by sitting there
with a book, looking up each letter, and sending them one by one. I
can then use a Morse decoder to copy for me off the air. No skill
required other than a small amount of dexterity to push the key handle
up and down. Better yet, I'll just use a Morse translator to convert
my hunt & peck typing to code characters, and I'll need *no* skills.
So what if the guy at the other end can't copy what I'm sending? If
he uses a Morse decoder to print out nothing but strings of letters,
he can read "behind" and separate them into words, can't he?

So, what I'm saying is that you don't *have* to develop some
unique mental skill to send or receive CW; it can be done by other
methods. However, if you *like* the concept of having to develop
the skill necessary to be a good CW operator, meaning you can send
at high speed, copy in your head, copy by typewriter, copy by pencil,
etc., then that's fine; what you're saying is that you find the mode
personally challenging, and that's great. But don't try to say
that one can *only* operate CW by developing some unique mental skill,
because that's an untrue generalization. You do know, of course,
that Morse first used a machine to copy onto an inked paper tape
rather than copying by ear? In fact, copy by ear was not the

original concept of the Morse telegraph at all.

The only justification *I* need for operating CW is simply that I enjoy it - and it's still a legal mode (may it always be so!). That should be all the justification *any* ham needs for operating *any* legal mode. Trying to "make some kind of case in favor" of *any* mode based on technical, social, moral, or whatever grounds is a waste of time. In fact, I'm always suspicious of those who are so insecure tht they feel they must *justify* what they enjoy doing on some scientific basis.....

If you like it, do it. If you don't like it, don't do it. No excuses are required in either case.

73 DE K4MSG

643. HELP-Need ham freqs:DETROIT

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:40:45 UTC
From: rolewis@gopher.chem.wayne.edu
Message-ID: <3fosit$56c@gopher.chem.wayne.edu>
Source record: 253525

Hi ham lovers and operators. I'm new to the scanning world, I received
my BC147XLT for christmas. Now, I'm trying to get hold of HAM frequencies,
but I don't feel like searching through all those freqs. If anyone has
any ham FREQS that can be useful to me in Detroit and any contacts,
information, etc. to help me out with ham freqs would be greatly appreciated!

Note: I'd appreciate any in the 29mhz, 50mhz, 144mhz, and 430mhz

Thanks,
Ronald

--
==--==--==--==--==--==--==--==--==--==--==--==--==--==--==--==--==--==--==--==
Ronald Lewis - Detroit | Web:
rolewis@gopher.science.wayne.edu | http://www.science.wayne.edu/~rolewis
rlewis@freenet2.scri.fsu.edu | Try my page! :)

644. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:43:02 UTC
From: dpbaker@lilly.com
Message-ID: <1995Jan20.124303.3808@inet.d48.lilly.com>
Source record: 253428

In <m0rTg2s-0007KLC@minnie.iaccess.za>, sherdev@iaccess.ZA (Tony Campbell) writes:
>I am considering purchasing a R-7 vertical antenna and would be grateful for
>any feedback
>
>Thanks.
>
>Tony.
>ZS6NAC in Johannesburg
>

I have an R7 as my exclusive HF antenna. I am VERY happy with its
performance on all bands. Although, I use it on 20 meters most.
If you purchase, be sure to get it at minimum 10 feet off the ground.
The sales brochure shows it mounted to a deck at about 4 feet. Not
a good idea. 40 meters will be totally useless. At minimum, the
radials should be about 10 feet off the ground.

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

645. Yaesu 530 or ICOM W2A Turn Burst?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 17:43:59 UTC
From: bparrish@hprpcd.rose.hp.com
Message-ID: <3fosov$ag0@hpchase.rose.hp.com>
Source record: 253526

Does anyone know how to enable toneburst on the US version of either of these radios... I am thinking of using them in Europe.

Thanks and 73.

Bill Parrish / KM6KV

646. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 18:10:19 UTC
From: kd6ozk@cts.com
Message-ID: <kd6ozk.346.2F1FFC8B@cts.com>
Source record: 253463

In article <D2H6HG.80v@indirect.com> grizzarv@indirect.com (Robert V. Grizzard) writes:
>Randy Padawer (padawer@usit.net) wrote:
>: For god's sakes... There was a very popular magazine in the early part
>: of the century called "Home Amateur Mechanics" magazine. They had
>: topical columns which were titled with the acronym of their magazine
>: ("HAM")... One column was called "HAM Horseless" for automobile
>: pioneers, and another was titled "HAM Wireless" (later "HAM Radio").

>I've been told it came from the early days of wireless when the old wire
>ops heard the amateurs on the air and remarked that someone must be usin
>a ham to send code from the sound of it.

I've always understood it to be similar to any person who performs as an
amateur: "A real Ham at it," and "Hamming it up."

647. Novice/Tech Question Pool

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 18:36:40 UTC
From: mosier@fagan.uncg.edu
Message-ID: <mosier.344.0@fagan.uncg.edu>
Source record: 253429

Can anyone point me to an FTP address so I can download a current &
accurate Novice & Technician exam question pool to use in a course
we're teaching?

steve - W3GRG

648. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 18:54:06 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3fp0se$3f17@yuma.ACNS.ColoState.EDU>
Source record: 253452

In article <tjaD2ps1J.Buu@netcom.com> tom@stamford.com (T.J. Alessi) writes:
>Ken Hopkins (hopken@interaccess.com) wrote:
>-> Anyone have any thoughts about where I could come up with about 20 orange
>-> vests or arm bands? I need about 20 of these to identify volunteers at an
>-> event where they need to be immediately recognizable.
>-> Thanks for your thoughts!
>How about a "GALL'S" catalog for police, fire and EMS supplies.
>There number is 1-800-477-7766.

Hunters wear orange vests, try hunting/gun/sporting goods stores. You can
get bright, orange hats too.

649. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 19:05:53 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2px1t.488@news.hawaii.edu>
Source record: 253382

In article <1269.9.uupcb@totrbbs.atl.ga.us> les.scofield@totrbbs.atl.ga.us (Les Scofield) writes:
>Someone posted a msg that we should boycott PepperGun Foggers. Why?
>Don't hams need to protect themselves and their families as much as
>any other responsible group? Perhaps crime is not as bad in your area
>as it is here in Atlanta? Perhaps you are against a fellow ham trying to
>earn/create a job so he is no longer unemployed?

Does this mean that we can expect ads from S&W, Colt, Remington,
Savage, and other manufacturers of defensive weapons?

>Anyway here is the ad in question:
....

>KE4IKT
>73's

It is unlawful to advertise and import pepper spray in the state of Hawaii. So this begs the question: Does advertising on Usenet constitute advertising in the state in which the ad is read? We'll soon see since I've forwarded a copy of KE4IKT's ad to the Hawaii State Attorney General's office. This just might be a historical Internet ruling! Stay tuned.

Jeff NH6IL

650. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 19:36:43 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2pyH7.557@news.hawaii.edu>
Source record: 253432

brunelli_pc@delphi.com writes:

>Jeffrey Herman <jeffrey@kahuna.math.hawaii.edu> writes:

>>Now, we come into ham radio already with the ability to read, speak,
>>and write. These skills were involuntarily learned, thrust upon us at
>>tender ages. My `acquired mental skill' remark concerns learning a
>>new skill (voluntarily) that we didn't possess prior to our interest
>>in radio. There is no new learned skill needed to push the PTT button,
>>nor to tap the keys on a keyboard, nor to transmit ATV.

>Jeff, you have now totally lost your mind. No skill in any mode other
>than CW , eh... Not only an insult to all experimenters and pioneers
>of new modes, but an unqualified razz at those who have moved "beyond"
>manual morse code. If i knew that ATV was an inherent skill i would have
>been into long ago! The same for HF digital.

Pete: You missed an important phrase: ``Operating a mode''. I said
nothing of building equipment, only operating said equipment.
As you know I build my own transmitters - that certainly is an
`acquired skill' but has nothing to do with operating them
(push this button, flip that switch...).

Pioneering, experimenting, and building are quite seperate from
day-to-day operating. This is not to sound arrogant but attempting
to equate operating your ATV or digital station with the mental skill
necessary to decode CW doesn't work.

>I have actually defended you in the past, at least your right to an
>opinion, but this is so idiotic that i beleive that you may have
>waived even these basic rights.
>
>Read this quaote from your recent post and see if you can detect the
>arrogance and ignorance it represents.
>
>pete brunelli
>n1qdq

73 from warm and sunny Hawaii,
Jeff NH6IL

651. Re: Amiga Amateur Radio Users

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 19:42:37 UTC
From: tomb@lsid.hp.com
Message-ID: <D2pyr1.DCA@hpcvsnz.cv.hp.com>
Source record: 253466

25383-anaya (papo@briscas.ctt.bellcore.com) wrote:
: In article <6900XGMSFPCPSLMYVS@ccsnet.com> fisherb@ccsnet.com writes:
: >
: >The Amiga is dead.
: >---

: set flame -on

No need to flame the poor guy. He's just lamenting that _his_ Amiga is
dead and he hasn't had time to have her fixed. ;-)

652. How are the "How's DX" charts in QST produced?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 20:04:35 UTC
From: djenkins@jetson.uh.edu
Message-ID: <3fp50j$cj@masala.cc.uh.edu>
Source record: 253434

QST publishes monthly charts showing MUF, LUF, etc. for various paths, bands, and hours of the day. I believe that those charts are produced by a progam called IONCAP (?) Is that software generally available or proprietary?

TIA es 73,

David F. Jenkins
Decision and Information Sciences
University of Houston
KC5JRR

653. NEC2 ANTENNA MODELLING PROGRAM NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 20:14:20 UTC
From: marko@bigwpi.WPI.EDU
Message-ID: <3fp5is$jmh@bigboote.WPI.EDU>
Source record: 253436

My father is interested in obtaining an antenna modelling
program called NEC2. He said that it is availible somewhere on the
net for free. PLEASE E-MAIL ME (marko@wpi.wpi.edu) any info you have
on this ASAP. Thanks in advance.
Mark

654. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 20:16:25 UTC
From: alanb@sr.hp.com
Message-ID: <3fp5mp$nnv@canyon.sr.hp.com>
Source record: 253435

Aditya Angrish (aditya@corp.sgi.com) wrote:
: How about
: Lousy With Females :-)

Or: "Lucky With Females"

AL N1AL "Number 1 Able Lover"

655. CMOS Super Keyer II resets intermittently

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 20:31:25 UTC
From: djenkins@jetson.uh.edu
Message-ID: <3fp6it$cj@masala.cc.uh.edu>
Source record: 253446

I am using the SK II with a TenTec Argonaut 509. Occasionally, when I move the Argo switch from CW to Tune, the keyer will reset, losing all stored messages, option settings, etc. Other than this anomaly, the keyer works just fine.

Has anyone else experienced this problem? Any suggestions as to what is causing it? Could the keyer be susceptible to RF and the switching of the radio to the Tune position just overwhelming the keyer? If so, any suggested fixes?

TIA es 73,

David F. Jenkins
Decision and Information Sciences
University of Houston
KC5JRR

656. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 20:52:10 UTC
From: cantrell@sparky1.aero.org
Message-ID: <3fp7pq$94k@news.aero.org>
Source record: 253437

You might call GALL's (they have an 800 number).

They sell stuff for public service offcials, police and the
like. They might have just what you're after.

Yours,
cantrell wa2vxu

657. FCC emission mode designators

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 21:03:42 UTC
From: bote@access.digex.net
Message-ID: <3fp8fe$2pe@access1.digex.net>
Source record: 253470

I have been trying to locate the current list of F.C.C. emission mode designators. I understand they have changed since the stone ages.

Naturally, the F.C.C. ftp site has lots of proceedings and press releases, but nothing of substance.

Any pointers to the mode list in net land or must I go downtown and actually get a *paper* copy?

--

rec.nude: Closed for remodeling. Will reopen when Nikkicraft is excised.
finger bote@access.digex.net for PGP key to encrypt email to me.

658. Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 21:57:08 UTC
From: wade@netcad.enet.dec.com
Message-ID: <3fpbjk$767@nntpd.lkg.dec.com>
Source record: 253378

PUT YOUR CALL LETTERS ON YOUR RESUME

We are planning to hire some of this year's college graduates
in engineering. From experience, I will have scanned
about 2000 resumes before June, so most of them only get one
look (by me - many other people also scan them).

One of the things that gets a resume into the other pile for
further consideration is a ham call. I've had good luck
hiring hams, so that's something I look for. And there
are lots of hams out there.

So, please put your call letters on your resume.

paul N1BWT

If you are interested in working in networks and data
communications, either hardware or software, emailing your
resume to me would put it right on top of the pile.

659. Help with DR-590T 9600

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 22:08:38 UTC
From: jcosta@megacom.login.qc.ca
Message-ID: <360717358.30443731@megacom.login.qc.ca>
Source record: 253438

Does anyone have the mods for the Alinco 590T to work at 9600bps on packet?

Any help will much appreciated.

Thanks all

Joao M. Costa

ve2day

ax25: ve2day@ve2csc.#mtl.qc.ca.na

Internet: jcosta@megacom.login.qc.ca

660. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 22:14:41 UTC
From: tmill493@bssbbs.com
Message-ID: <7mZ9yc1w165w@bssbbs.com>
Source record: 253450

> > >(Charles Copeland) writes:
> > >>I just got my call sign today! Was issued on Friday 13th 8-\
> > >>Could use a easy to remember phrase for the last three letters.
> > >>Haven't had much luch yet. Long Winded Fool .... naaah :-(
> > >
> > >Like, Wow, Freaky
> > >
>

How about Lucky With Females :)

Tuck
KC6ZEC

661. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 22:15:59 UTC
From: tanderse@freenet3.scri.fsu.edu
Message-ID: <3fpcmv$2pe@freenet3.scri.fsu.edu>
Source record: 253439

tmill493@bssbbs.com (Tuck Miller) writes:
> ppiercey@random.ucs.mun.ca (Paul Piercey) writes:
>
> > Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
> >
> > : You mean simultaneously valid on different cars and registered in the SAME
>
> What I have is my call sign on my car, (Ham plate), and a vanity plate
> on my motor home, with a "1" at the end.
> KC6ZEC=Car
> KC6ZEC1=Motor home (maybe I should put a hyphen, to designate my mbx.)

or KC6ZEC/M

How abt that?

****
Tim Andersen, NO0C "If you come to a fork in the road,
15 LaPlatte Road take it" - Yogi Berra
Kearney, NE 68847-4802 NO0C@WA0PXW.#SCNE.NE.USA.NA
U.S.A. ARRL DXCC Mixed Honor Roll Member
****

--
****
Tim Andersen, NO0C "If you come to a fork in the road,
15 LaPlatte Road take it" - Yogi Berra
Kearney, NE 68847-4802 NO0C@WA0PXW.#SCNE.NE.USA.NA
U.S.A. ARRL DXCC Mixed Honor Roll Member
****

662. Re:PepperGun Foggers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 22:53:09 UTC
From: jholly@cup.hp.com
Message-ID: <D2q7KL.Eyy@cup.hp.com>
Source record: 253440

I think this is good that this info was posted. Having a Pepper Gun Fogger on Field day will give me a greater sense of security. Since I will be operating CW, I fear some anti-CW crazy may attack me for using a "ancient and useless" mode of operation.

Jim, 'placing my order now', WA6SDM

663. Re: 2m/70cm propagation and the weather

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 23:36:38 UTC
From: strider@oeonline.com
Message-ID: <D2q9L3.3L7@oeonline.com>
Source record: 253328

Zack Lau (KH6CP) (zlau@arrl.org) wrote:
: pruth@ocvaxa.cc.oberlin.edu wrote:
: : I've read how microwaves are greatly attenuated by moisture
: : in the air, but I haven't found a source that explains to what
: : degree moisture affects 2m/70cm propagation. In dry cold
: : weather propagation is good to extraordinary; now in the damp,
: : rainy, warm spell we're having here in northern Ohio propagation
: : is fair to poor. For example, a UHF repeater 8 miles away that

: One effect to watch out for is rain detuning antennas. For instance,
: some New England hams were able to plot the effect of rain on microwaves.
: They eliminated the effect by putting a styrofoam radome around the
: dish feed. Moisture really isn't a problem till you get to 24 GHz.
: At 10 GHz it can actually be an enhancement--you can often get more
: range if your signal is scattered by a thunderstorm.

: --
: Zack Lau KH6CP/1 2 way QRP WAS
: 8 States on 10 GHz
: Internet: zlau@arrl.org 10 grids on 2304 MHz

664. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-20 23:42:46 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <ZP49yc1w165w@voxbox.norden1.com>
Source record: 253444

```
-----BEGIN PGP SIGNED MESSAGE-----

jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT) writes:

> > WB4KCG Ronnie Milsap, singer
>
> Likewise a recent SK.

I was wrong. I was thinking of Conway Twitty. My apologies to the group AND
Ronnie.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLyBK2974r4kaz3mVAQEWbwP+If6PXd6oraeTyl+8W58gqGpiXxh9X3PZ
5RtUwezxreDpnjutXaqUN7Jnb8mTd+Gyq83vyC31GR7lwm0IWCYwwE49J5eSYgcL
ZDNejyX/9TFnWdmOeLL2lL7Ao6+33vQjrHep4n1PFf55K+Eh5u8EYLnyA2IE5iBQ
voKuL/3kvSs=
=O22p
-----END PGP SIGNATURE-----
```

665. Hamfest - Upper Saddle River NJ April 1, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 00:18:32 UTC
From: w2ehd@aol.com
Message-ID: <3fpjso$i8@newsbf02.news.aol.com>
Source record: 253441

Chestnut Ridge Radio Club presents its annual Amateur Radio Hamfest and Flea Market - Education Building - Saddle River Reformed Church - Weiss Rd. and East Saddle River Rd.
Saturday April 1, 1995, 8:30am to 2pm.
Tables: $20.00 each. Tailgating: $15.00/space (Provide your own table)
Talk-in: 146.955 Rpt. Donation: $2.00
Door prizes: Gift certificates to KJI Electronics
Table reservations and information: Jack W2EHD 201 768-8360

666. Re: unsubscribe qrp-l how ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 00:43:47 UTC
From: hbs@crl.com
Message-ID: <3fplc3$jki@crl7.crl.com>
Source record: 253443

hduff@humnet.westonia.com wrote:

: I want to "unsubscribe" to the qrp-l listserver as the vloume of
: traffic is beyong my expectation.
: It tried "unsubscribe qrp-l" as the listserver info states but I keep
: getting the messages (and do I !).
: I beleive I'm attempting to unsubscribe in the correct manner but it's
: not working... HELP !
: Please reply via e-mail... hduff@humnet.westonia.com

: Many thanks ..73 Hugh Duff VE3OYH Toronto

send the following message:
unsubscribe

to:
listserv@netcom.com

--
Henry Smith (hbs@crl.com)

667. TCPIP for Windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 01:45:12 UTC
From: proven@ERE.UMontreal.CA
Message-ID: <proven.790652712@mistral.ERE.UMontreal.CA>
Source record: 253389

I am looking for TCP/IP for Windows. Any information where
to get it if it exist, would be very much appreciated.
Thank you very much.
Richard VE2OTT
Z

668. Re: Novice/Tech Question Pool

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 02:07:00 UTC
From: troyce@bioch.tamu.edu
Message-ID: <20JAN199520074450@bioch.tamu.edu>
Source record: 253472

In article <mosier.344.0@fagan.uncg.edu>, mosier@fagan.uncg.edu (Stephen Mosier) writes...
>Can anyone point me to an FTP address so I can download a current &
>accurate Novice & Technician exam question pool to use in a course
>we're teaching?
>
Try ftp-ing to ftp.cs.buffalo.edu, I think they have files
of the latest pool. Otherwise, try the following ftp sites:

ftp.funet.fi
ftp.amsat.org

Troyce
KC5CBI

669. Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 02:17:53 UTC
From: fisherb@ccsnet.com
Message-ID: <28369DVNJKXRLWPUYGR@ccsnet.com>
Source record: 253451

```
DS> Just for fun, to balance things up a little, and not for public
DS>release, of course; does anyone know of any notorious radio amateurs ?
DS>Axe murderers, bank robbers, cannibals, politicians... etc.

DS> Cheers
DS> David GM4ZNX
```

Mark Rudd was a ham (a 60s radical and a ten most wanted).

• SLMR 2.1a • My pants have fallen and I CAN'T GET THEM UP!

```
--
*********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

670. Re: NEEDED: GIFs of HAMS in Action

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 03:27:56 UTC
From: scotte@ccs.neu.edu
Message-ID: <3fpuvs$asb@narnia.ccs.neu.edu>
Source record: 253471

In article <95018.184424DAR110@psuvm.psu.edu>,
David Raydo <DAR110@psuvm.psu.edu> wrote:
>This is the 3rd time this message has been posted --
>I still have not gotten any leads I can use yet...
>
>I am in need of computer graphic images (GIF, JPG, PCX, etc) of
>HAMs operating amateur radio equipment, erecting antennas, performing
>public service activities, operating Slow/Fast scan TV, using
>2 meter and satellite gear,
>Field Days Activities,
>and once again, Public Service Activities...
>
>IF you know of where I can find a collection of images like this
>PLEASE let me know via E-mail. I need either an US Postal Address,
>or an FTP site of where to obtain these images.
>
>Images should be in the public domain with absolutely NO royality
>whatsoever!
>
>I AM NOT INTERESTED in being referred to receiving SlowScan TV
>(which is inconvient).
>
>Thank you for your time and assistance.
>
>Please respond via Email to DavidR dar110@PsuVm.Psu.Edu KA3AUH
>

I'll also reply direct -

I'll make the Field Day pictures I placed on the Boston Amateur Radio
Club's World Wide Web Page available via anonymous FTP from BARC's FTP site.

This is the first time I've seen your message, so no flames on MY late
response ;-)

I'm not sure where I'll put them, but for this public announcement, check
the file: oak.oakland.edu:/pub/hamradio/0-Index2.txt

When I decide where I'm going to place the files, I'll place them in a
directory called "field-day". Simply perform a text search on
"field-day" and you will see where I end up placing the directory.

Also feel free to view the images directly on the Boston ARC's World Wide
Web page: http://www.acs.oakland.edu/barc.html

Follow the link for information about the Club from the home page, and you'll eventually get to the Field Day page, pictures and all.

Any questions? Feel free to e-mail me.

73 to all,

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

671. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 03:56:47 UTC
From: bob@raddev.com
Message-ID: <3fq0lv$oeo@remus.ultranet.com>
Source record: 253384

In article <3foetk$4gd@acme.freenet.columbus.oh.us>, gfoley@freenet.columbus.oh.us says...
>
>Howard Lester (hlester@nemo.as.arizona.edu) wrote:
>: In article <m0rTg2s-0007KLC@minnie.iaccess.za> sherdev@iaccess.ZA (Tony Campbell) writes:
>: >I am considering purchasing a R-7 vertical antenna and would be grateful for
>: >any feedback
>
>: If you don't install ferrite beads on the coax line, your chances for (RF)
>: feedback are greatly enhanced! NOT something to be grateful for!
>
>: :)
>
>: Howard Lester
>In the former location of my R7 I had once had a Hustler multiband vertical.
>I had very much trouble with RF feedback, etc. Without special precautions,
>the R7 in the same location gave no evidence of RF in the shack, which was
>in a frame house about 75 feet away at the same level. Now the R7 is around
>30 feet from the operating position, 10 feet above it, and I have no signs
>on RF down here. 73 and GL Gerry K8EF@W8CQK.OH.USA.NA
>

I have had and R5 then an R7 mounted at about 30' above
ground on a chimney and have no RF in the shack problems
at all. The R7 is mounted on a mast that has heavy guage
ground wire running down connected to an 8' ground rod and
I use heavy ferrites in all coax as a rule anyway.

Why would an antenna like the R7 be more susceptible to
RF feedback than any other antenna? If properly installed
shouldn't it look like any other 50 ohm load at resonance?

--
==========
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
RD on World Wide Web http://www.raddev.com/biz/raddev/
==========

672. Re: INFO WTD ICOM W2A

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 04:01:04 UTC
From: bob@raddev.com
Message-ID: <3fq0u1$oeo@remus.ultranet.com>
Source record: 253385

In article <3fngk3$nku@news.halcyon.com>, gfiber@halcyon.com says...
>
>In article <Jon.Gefaell-1701951032260001@cisco-slip14.acc.virginia.edu>,
Jon.Gefaell@Virginia.EDU (Jon Gefaell) says:
>>
>>In article <oppD2J1L5.1HI@netcom.com>, opp@netcom.com wrote:
>>
>>>I'sd like to hear pro and con on this unit. a dealer who still has one
of
>>>these discontin ued units in stock says an easy key pad mod give you
most
>>>of 800 and 400 to 500. Is this true? Also, do u think this unit is
still
>>>a player against much more high tech units such as the yaesu ft11
(which
>>>i know isnt a dual-bander) or the 51, which i believe is. E-mail
>>>appreciated. thanks in advance.
>>
>>
>>This radio, without a doubt is the finest dual band HT I've ever owned,
>>and I've owned at least a half dozen in as many years. Solid, wide
band,
>>great features out of band (Hmmmm, whatever is 30Khz step rate for?)
>>

Yes, the W2A was the nicest dual band HT I've owned. The
best receiver and easiest to operate. I now own an FT530
and if the voltmeter and backlit keypad could be incorporated
into a W2A, it would be the best ever made. One weak point
of the W2A is the plastic rails that hold the battery pack on.
Some have had them break. 800rx was very hot on mine.

--
==========
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
RD on World Wide Web http://www.raddev.com/biz/raddev/
==========

673. Dif between novice&tech classes??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 05:07:35 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3fq4qn$bco@floyd.santarosa.edu>
Source record: 253458

hello,

recently I have been studing to take the Technician no-code lisence. If I pass this will be my first HAM radio liscense. I am confused about a couple of things that are not explained in the books; is the order from least privaleges to most novice, technician, etc... For tech class I need to know novice and tech stuff correct? I guess I am just confused about why is Tech higher than Novice if it is possible to get tech without code? If any of this makes any sense please e-mail me or post some answers. Thanks

John

```
**********************************************
** John Thompson ** O O **
** jthompso@nermal.santarosa.edu ** / \ **
** \/\/\/\/\/\/\/\/\/\/\/\/\/\/\ ** \-----/ **
**********************************************
```

674. BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 05:15:57 UTC
From: tja@netcom.com
Message-ID: <tjaD2qpAL.4nG@netcom.com>
Source record: 253380

I recently got a copy of Baycom 1.7 from Germany and I left a copy for
the taking in my FTP directory. If you would like it do an anonymous ftp
to: ftp://ftp.netcom.com/pub/tj/tja/

the file name is: baycom17.zip

Enjoy...

Tom - WB1L

--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services MCIMail: 697-7009
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880
---

675. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 05:57:00 UTC
From: radams@cs.wmich.edu
Message-ID: <1995Jan21.055700.25123@sol.cs.wmich.edu>
Source record: 253474

In article <3fp5mp$nnv@canyon.sr.hp.com>, Alan Bloom <alanb@sr.hp.com> wrote:
>Aditya Angrish (aditya@corp.sgi.com) wrote:
>: How about
>: Lousy With Females :-)
>
>Or: "Lucky With Females"
>
>AL N1AL "Number 1 Able Lover"
>

Robert Adams, P.E.
WA9ZMO
radams@cs.wmich.edu

676. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 06:00:21 UTC
From: radams@cs.wmich.edu
Message-ID: <1995Jan21.060021.25239@sol.cs.wmich.edu>
Source record: 253379

In article <3fp5mp$nnv@canyon.sr.hp.com>, Alan Bloom <alanb@sr.hp.com> wrote:
>Aditya Angrish (aditya@corp.sgi.com) wrote:
>: How about
>: Lousy With Females :-)
>
>Or: "Lucky With Females"

KC5LWF - "Koreans Canned Five Little White Fish

>AL N1AL "Number 1 Able Lover"

N1AL - "No One Asks Less"

Robert Adams, P.E.
WA9ZMO
radams@cs.wmich.edu

* "Bother," said Pooh as he slapped a fresh clip in his smoking Uzi.

677. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 07:09:35 UTC
From: ppiercey@random.ucs.mun.ca
Message-ID: <3fqbvf$7k6@coranto.ucs.mun.ca>
Source record: 253454

Jim Grubs, W8GRT (jgrubs@voxbox.norden1.com) wrote:

: fisherb@ccsnet.com writes:

: >
: > Famous people who got bored than found out what boring was really like:
: >
: >
: > N6KGB Stewart Granger (born James Stewart), actor

: Recently SK.

I hadn't heard this one either. His wife died but I think he's still
above ground.

--
==
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@random.ucs.mun.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca
==

678. Re: Origin of term - radio HAM ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 07:11:13 UTC
From: s2202629@np.ac.sg
Message-ID: <3fqc2h$6m6@nova.np.ac.sg>
Source record: 253455

In article <D2H6HG.80v@indirect.com>,
Robert V. Grizzard <grizzarv@indirect.com> wrote:

>I've been told it came from the early days of wireless when the old wire
>ops heard the amateurs on the air and remarked that someone must be usin
>a ham to send code from the sound of it.

Well, from the books I've read, I've been told that no one knows accurately, nor exactly, the actual origin of the phrase "ham radio", and how it got associated with 'Amateur Radio'.

But they -could- be from one of the many possibilities suggested in this thread, and it's sub-threads. They could be from more than one (coincidence?), they could have been from another origin.

God knows, maybe he doesn't. But it's quite definately here to stay, and I don't mind a bit about it. 8)

But I do use 'Amateur Radio' when introducing myself. Not many people even know what that is, especially since we only have slightly more than 100 licenced amateurs to date.

Just be glad they call us hams... We could have been 'Bacons' or 'Tomato Soup' for all you know. Hell, even if we were, the same situation would probably apply.

a) We probably won't know the actual exact origin
b) We'll be trying to find out if anyone knows it's exact origin.
c) Some won't like it
d) Some won't mind
e) People like me, and definately some others, would just be so dammed proud being a licenced radio operator, we'd like whatever we call ourselves.

73 de 9V1ZY <- not bacon, not tomato soup. A ham who got his call on 27 Dec 1994. And darn hell proud of it. 8)

679. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 07:47:47 UTC
From: sww@csuohio.edu
Message-ID: <1995Jan21.074747.7168@news.csuohio.edu>
Source record: 253386

```
: Anyone have any thoughts about where I could come up with about 20 orange
: vests or arm bands? I need about 20 of these to identify volunteers at an
: event where they need to be immediately recognizable.
: Thanks for your thoughts!

Try Gall's Inc. They are a police supplier and have vests for $13.
1-800-477-7766 for a free catalog.

--
73,
Steve
Internet : no8m@hamnet.wariat.org
Amateur Radio : no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.wariat.org ('info' for title)
```

680. Re: HELP-Need ham freqs:DETROIT

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 09:55:28 UTC
From: n8fow@hamgate.cc.wayne.edu
Message-ID: <3fqlmg$vbu@oak.oakland.edu>
Source record: 253393

Ronald Lewis (rolewis@gopher.chem.wayne.edu) wrote:
: Hi ham lovers and operators. I'm new to the scanning world, I received
: my BC147XLT for christmas. Now, I'm trying to get hold of HAM frequencies,
: but I don't feel like searching through all those freqs. If anyone has
: any ham FREQS that can be useful to me in Detroit and any contacts,
: information, etc. to help me out with ham freqs would be greatly appreciated!

: Note: I'd appreciate any in the 29mhz, 50mhz, 144mhz, and 430mhz

Go to Michigan Radio in Warren and pick up "The ARRL Repeater Directory".
It has the listings for all the repeaters and generally the VHF/UHF
frequencies for the entire country.

PS: And don't login to my convers using my callsign again!

Ron N8FOW

681. Re: FCC electronic filing bogus! Takes 4-6 weeks !!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 10:03:01 UTC
From: ecarp@netcom.com
Message-ID: <ecarpD2r2L1.42w@netcom.com>
Source record: 253461
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Thus spake D Morgan (dmorgan@uoguelph.ca) on 19 Jan 1995 23:51:07 GMT:

: Will F Sopha (willfs@oeonline.com) wrote:
: : copeland@fohnix.metronet.com (Charles Copeland) writes:
: : >I passed no Technician test on 1/1/95 and paid $3 extra for the new
: : >electronic filing that is supposed to take less than one week to
: : >receive a liscense. I just contacted them to get my call letters and
: : >was told they don't have an electronic feed yet and so the wait
: : >will be 4-6 weeks even though I filed electronically !!!

: : I am not sure where you took your test, but there should not have been an
: : extra fee. That would not be legal since the FCC sets the maximum fee
: : that can be charged to any applicant at any exam session. Currently
: : the FCC has set that fee at $5.92

: I paid $5.somethingorotehr to take my tests on January 4th.

: : Since this NEW service only began on Jan 1, 1995, I am not sure how
: : long it is going to take. Our goal is to eventually get the response time
: : down to 48 hours. This would mean that after taking an examination,
: : the candidate could dial via MODEM to the FCC computer and get
: : his/her call sign information.

: I was told that the exam results form the exam session I took part in
: would be electronically filed wit the FCC by the ARRL. I took the exam
: on January 4th, I called today, and my call was granted on January 18th
: [exactly two weeks to the day I took the exam itself], and I now have a
: new <and my first> call: KC7IHY.

: So, I guess electronica filing is working :))

: Deanne Morgan
: KC7IHY

Since you're in Ontario, and will be moving to the states in May, I have
the *perfect* phonetics - KC7 I Hate Yanks ;)
--
Ed Carp, N7EKG Ed.Carp@linux.org, ecarp@netcom.com
801/534-8857 voicemail 801/460-1883 digital pager

Finger ecarp@netcom.com for PGP 2.5 public key an88744@anon.penet.fi
** PGP encrypted email preferred! **

"What's the use of distant travel if only to discover - you're homeless in
your heart." --Basia, "Yearning"

682. GRAYLINE SOFTWARE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 10:03:52 UTC
From: kfisher@freenet.edmonton.ab.ca
Message-ID: <3fqm68$jd5@news.sas.ab.ca>
Source record: 253391

I am looking for some software (pc based) that will help with propogation predictions.(FOT,MUF and HPF predictions) . Prefer freeware or shareware so I can try it out first. If you have found some easy to use software that qualifies, I would appreciate the name and source of appropriate software.

Thanks Kevin Fisher VE6KEV Edmonton Alberta Canada

email : kfisher@freenet.edmonton.ab.ca

683. Re: Battery Eliminator

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 10:39:17 UTC
From: Bill Langton <blangton@sierra.net>
Message-ID: <3fqo8l$j4o@diamond.sierra.net>
Source record: 253464

Joseph Herman <herman@yu1.yu.edu> wrote:
>
>
> I have a Yaesu F-11R, and I cant plug in to an external power source
> without a Battery Eliminator. Does anyone have experience with
> these things - and have any advice they could impart in me?
> Thanx in advance
>
> - Joseph Herman KB2SFT

Joe...I've been using the Yaesu 12v adapters for years and have never had a problem with one. I own 2 FT470's and a FT411 and use the eliminators with all three....never any problems. The power cord is fuse protected which adds to the security of the device.

Good luck...

Bill Langton, KN6ER
Lake Tahoe California
DXCC, WAS, WAC, DXDA, W100N

684. Re: PepperGun Foggers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 11:57:15 UTC
From: Jon.Gefaell@Virginia.EDU
Message-ID: <Jon.Gefaell-2101950657150001@cisco-slip29.acc.virginia.edu>
Source record: 253462

In article <D2q7KL.Eyy@cup.hp.com>, jholly@cup.hp.com (Jim Hollenback) wrote:

>I think this is good that this info was posted. Having a Pepper Gun
>Fogger on Field day will give me a greater sense of security. Since
>I will be operating CW, I fear some anti-CW crazy may attack me
>for using a "ancient and useless" mode of operation.

It's certain it will be a slow and difficult to comprehend attack in that
case. You could just walk away (chuckling) from the OM as he diligently
tries to hack out 'I'm from Long Island, my goiter hurts' in CW until it
kills you...

--
Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
University of Virginia, ITC/Madison Hall | necessary to the security of a
--| free State, the right of the
Monticello Area Virtual Village | people to keep and bear Arms,
Systems Designer and Operations Manager | shall not be infringed."

"I swear to protect the Constitution of The United States (Will chmod (
of America against all enemies, foreign or domestic.") for food)
--

685. ft-720 manual

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 13:15:09 UTC
From: kthompso@WichitaKS.NCR.COM
Message-ID: <kthompso.531.000D410A@WichitaKS.NCR.COM>
Source record: 253303

looking for someone who could give, loan, or sell a manual for the yeasu
ft-720
thanks
ken

686. Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 14:15:38 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.99.0064544D@mindspring.com>
Source record: 253467

There is a tremendous problem on HF that threatens amateur radio as a whole. You see there is a station on 3.975 mhz and 14.275 mhz, that has decided to broadcast a message to the listening world. It is a simulcast of a loop tape.

He plays an endless loop tape often from an unattended transmitter site. He has decided what he wants to do with this frequency is better for amateur radio than what we could do with the frequency. He plays a 45 minute tape every other hour.

Recently, he was able to trick the FCC into giving him a clear frequency. He involved even the state department with his trickery and deciept. When they realized they had been tricked they rescinded there order immediately. I have been informed that the matter created quite an embarassment for everyone involved.

A lot of the guys have moved off of the frequencies rather than put up with this any longer. I can't move. You see if we don't fight Glenn Baxter on this it will pave the way for any one else who wants to do the same thing. Maybe many others will soon broadcast their hearts out all over amateur radio bands. Or even if Baxter wants to expand his coverage even more. I'm telling you this can destroy amateur radio.

The real estate if you will of the amateur radio bands is a very valuable commodity. Some politicians would love to see amateur radio loose ground. This can very well escallate.

The good news is we can stop this man. Not just I but all of us. Collectively we have a tremendous amount of leverage. If all of us mobilize we can force the FCC to make a ruling on the matter.

We owe that to our hobby. Everyone here is currently, has been or will recieve something from amateur radio. We owe it to ourselves to preserve this hobby for the future.

I have been told by a senior official with the FCC that now is the time to move and we should move by writing letters and getting petitions signed.

K1MAN stepped in his own poop when he tricked the FCC and state department into allowing him to broadcast on the emergency channels. I have been told during my conversation with the FCC that they never intend to let that happen again. They are completely fed up with this lunatic.

The ATTORNEY GENERAL in the state of Maine wants his head on a platter. She has recieved many of his fellony affadavidts. These are his generated forms that look threatening and very legal. However they have no value. The ATTORNEY GENERAL has told him to stop his illegal practice of using her

office to intimidate law abiding amateur radio operators.

Now is the time to move. We need everyone's help. We can squash this guy like a pesky mosquito if everyone will take 10 minutes and write three letters. One letter should go to your congresman. One letter to your senator. Finally send a letter to the FCC requesting a ruling on the matter. Please, it only cost 32 cents for a stamp.

Petitions can be passed out. Everyone that can read this can build a form to get out the word to the two meter and Hamfest community.

The address to write at the FCC is :

CID
Compliance Information Division (use to be called the Wireless Telecom Div)
attn: Magalie Salas
cc: Rockie Patterson
1917 M. Street
Washington, D.C. 20554

That's all it will take. But it will take that . It will take all of us collectively to get this done. It will not work if just one or two of us do it. All of us collectively must make an effort. If we mobilize we can absolutely get this man out of our lives and off of our radio.

Please I ask you. Sit down and write your congressmen, senator and the FCC.

Sincerely,

Don Simpson

687. Re: Dif between novice&tech classes??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 14:49:49 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan21.144949.8@ke4zv.atl.ga.us>
Source record: 253469

In article <3fq4qn$bco@floyd.santarosa.edu> jthompso@nermal.santarosa.edu (John Thompson) writes:
>
>recently I have been studing to take the Technician no-code lisence. If I
>pass this will be my first HAM radio liscense. I am confused about a couple
>of things that are not explained in the books; is the order from least
>privaleges to most novice, technician, etc... For tech class I need to know
>novice and tech stuff correct? I guess I am just confused about why is Tech
>higher than Novice if it is possible to get tech without code? If any of
>this makes any sense please e-mail me or post some answers. Thanks

Well John, this requires a bit of history. At one time there were two permanent licenses, General and Technician. The only testing difference was the code test, Generals had to do 13 WPM, Technicians had to do 5 WPM. The written tests were the same. Techs held all priviledges above 144 MHz, where Morse was generally not used. Having a Morse test at all was not really warranted, but inertia kept one alive since all existing licensees had had to go through the ritual and insisted that newcomers do likewise. The idea for the Technician license was to encourage the development of the then empty VHF/UHF spectrum. Initially, Techs were a small percentage of amateurs. Novice was a one time, non-renewable, one year license, designed to introduce newcomers to mainstream HF Morse operations. It had a very simple written exam (apparently Morse operators weren't expected to be very technically astute). Amateur radio was growing vigorously, HF operations dominated amateur activity, but VHF FM started to become popular, and so did the Technician license.

Then in 1968, along came Incentive Licensing. This diluted the privileges formerly held by Generals on HF, and required Generals to take new exams, the Advanced and Extra, to regain the priviledges that they had previously held. This was met with a lot of anger by existing Generals, and a good number went inactive. (Note that most amateur operations were still on HF at this time.) Technicians were unaffected. They retained all of their previous priviledges. There was, following the birth of Incentive Licensing, a 20 year decline in amateur radio growth, though VHF FM, and the Technician class, continued to grow more rapidly than other classes, because Incentive Licensing really had no effect on them.

(Note: growth did not stop completely, except for two or three years, and that was masked by the renewal interval at the time. What happened was that the growth *rate* dropped so that amateurs as a group became increasingly older, with the average age of amateurs actually increasing at a rate of greater than one year per year in some years. Pre-Incentive Licensing, amateur radio was growing at a rate faster than general population growth. Post-Incentive Licensing, growth rates trailed the

general population. A healthy growth rate would match that of the general population.)

Then, to try to reverse the decline in amateur growth (the average age of amateurs had reached 57 years old), the FCC instituted what was called Novice Enhancement. This granted limited voice privileges to Novices on selected frequencies, and made the license renewable. This was met with a yawn by the public, and resulted in little change in amateur growth. At this same time, the Technician exam was changed by splitting out the HF specific parts of the General/Technician written exam and removing them from the Tech exam. Techs were also granted Novice priviledges on HF at this time.

Finally, came the code test free Technician license. This was the Tech license exam of Novice enhancement days, stripped of the 5 WPM Morse exam and stripped of the frequency priviledges below 30 MHz. *This* finally recaptured some public interest, and amateur radio has started to grow at a healthy rate again, albeit mainly at VHF/UHF. The Tech Plus is what was just the Tech in Novice Enhancement days, including the Novice HF frequencies.

So now the public sees two basic licenses for amateur radio, the Tech and the Novice. Since the Tech offers much greater privileges than the Novice, and it isn't burdened with what is perceived to be a largely irrelevant manual Morse decoding requirement, it's the more attractive route for most. The Novice continues to attract some who are interested mainly in HF Morse operations, and who are technically challenged by the Tech Plus written exam, but those are relatively few in the modern world.

HF is currently languishing, with less growth and activity than on VHF/UHF (considering the licensing history, and the relative amounts of spectrum available, this isn't surprising). HF operation is no longer the *dominant defining factor* in amateur radio. Most traditional HF amateurs haven't grasped the significance of this yet. The primary non-voice use of spectrum outside of HF has become machine digital (and it's the second most popular non-voice use on HF already). The typical old school HF amateur hasn't grasped the significance of this either. To quote an AT&T ad, "They will."

Amateur radio is begining a series of demographic changes as radical as those caused by Incentive Licensing (but thankfully in the opposite direction). It's up to us to see that those changes have positive effects on amateur radio, rather than the grossly negative effects that Incentive Licensing has had.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

688. 2m/70cm propagation and the weather

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 15:23:00 UTC
From: bill.seabreeze@wdn.com
Message-ID: <6f.3130.2023@wdn.com>
Source record: 253465

Hi, Being a previous 70 cm ssb/cw enthusiast, I wanted to share a few thots with you. On short paths, air moisture has virtually no effect on 432 propagation, unless the moisture gets into your coax (very common problem). On longer paths, the moisture increases the troposphere index of refraction, and can lead to unusually strong signals. I used to keep a nightly schedule with a guy in MI (was WB8BKC) from Sterling VA. On dry-air nights, (like after a high pressure came in), the signals would be poor. On humid, warm nights, we would get 30dB S/N armchair-copy propagation. You can read more in the ARRL hdbk, or in past QST issues. I look up specifics, if you want. GL es 73 de W3IY/4

689. Re: Intermod; Kenwood, Yaesu, Icom ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 16:28:21 UTC
From: gfiber@halcyon.com
Message-ID: <3frcn5$hgl@news.halcyon.com>
Source record: 253392

In article <3fj6io$e1@ceylon.gte.com>, Grant Youngman <gyoungma@gtetel.com> says:
>
>clmorgan@miavx3.mid.muohio.edu (Carl Morgan) wrote:
>>
>> We've all read of the intermod problems with the Kenwood 731 and 732
>> rigs, but what about Yaesu and Icom? I haven't seen much written about
>> them and wonder if no one has such a brute or if I'm missing something
>> super great.
>>
>> I have three Kenwood `732s. Good radios but terrible when it comes to
>> intermod. Have read of many factory "fixes" but many users have said
>> that their problems remain.
>>
>> What say out there? Is Yaesu and Icom any better? Any good experiences?
>>
>> 73 >< CArl
>> K8NHE
>
>Virtually all of the current crop of rice flavored radios have this
>problem. Its our own fault. Everybody wants a box that with a few keystokes
>or a cliiped diode will cover everything from DC to light. Makes it
>mighty hard to use a good helical front end on a radio like that to handle
>the problem.
>
>Oddly enough, the Radio Shack HT's are supposed to be among the best.
>These radios cannot be modified for wide-band coverage and apparently
>have reasonably tight front ends. Also, I saw a posting on CIS Hamnet
>announcing a new Icom HT and new mobile rig with tracking front end
>filtering. These aren't FCC approved yet for sale, so it remains to be
>seen just how well they will work ... but they appear to be an attempt
>to get to the issue at hand.
>
>Maybe the ham radio buying public will eventually get smart and quit
>buying the JUNK that is coming at us. Somehow, the notion of "radio"
>gets lost among the wizbangs, buttons, video arcade games, and other
>"features" of the present offerings. Now we even have an HT
>with "removable" control panel -- I mean, what are we supposed to do
>with it? Paste it to our foreheads? Good grief!
>
>73 .. Grant Youngman/NQ5T
>
Hi Grant..

The Z 1's removable front panel attaches to an extension cable and becomes the speaker mic, complete with the display. I also think when the Amateur community starts letting the manufacturers make a amateur only radios, We will all be better off.

But I have already purchased my " badge " as advertised in " CQ Magazine " and opened up my radio and stand at ready with my Red Flashing Light and Siren to provide communications on the public service frequencies with my DC to daylight coverage radio " SHOULD the NEED Arise " ;-) <VBG>

73' Gary (boy I feel important) Fiber REALLY BIG GRIN HERE !!!

690. Need info on SX71 and FT203R

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 17:55:28 UTC
From: jwprice@unity.ncsu.edu
Message-ID: <3frhqg$omj@taco.cc.ncsu.edu>
Source record: 253473
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi. I'm posting for a friend who needs a copy of a manual for the
Hollicrafters SX-71 and DTMF info for the Kenwood FT203-R HT.

Please respond to him by mail, NOT BY EMAIL (which would come to me), at:

Izzy Daniels, KB3AOH
c/o RF Connection
213 N. Frederick Avenue
Gaithersburg, MD 20877

Thanks.
N3QYE

691. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 19:39:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <3frnsk$4lg@crcnis3.unl.edu>
Source record: 253475

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>It is unlawful to advertise and import pepper spray in the state
>of Hawaii. So this begs the question: Does advertising on Usenet
>constitute advertising in the state in which the ad is read? We'll
>soon see since I've forwarded a copy of KE4IKT's ad to the Hawaii
>State Attorney General's office. This just might be a historical
>Internet ruling! Stay tuned.

>Jeff NH6IL

Oh good! Just what we need is more regulations! Way to go, Jeff!

Gary

692. Relay #1 from sci.geo.earthquakes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 19:41:53 UTC
From: scotte@ccs.neu.edu
Message-ID: <3fro21$gt2@narnia.ccs.neu.edu>
Source record: 253477

```
From narayan@sut.ac.jp Sat Jan 21 13:08:51 EST 1995
Article: 377 of sci.geo.earthquakes
Path: narnia.ccs.neu.edu!chaos.dac.neu.edu!noc.near.net!bigboote.WPI.EDU!news.mathworks.co
m!news.alpha.net!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!pipex!uunet!news.iij.ad
.jp!nttfgw.ntt-f.co.jp!lab!icot10!wnoc-tyo-news!news.join.ad.jp!news.caren.
net!usenet
From: narayan@sut.ac.jp (Devendra Narayan)
Newsgroups: soc.culture.japan,sci.geo.earthquakes
Subject: NET INFORMATION SOURCES FOR JAPAN QUAKE
Date: 19 Jan 1995 02:29:57 GMT
Organization: Science University of Tokyo
Lines: 36
Distribution: world
Message-ID: <3fkir5$qe7@news.caren.net>
Reply-To: narayan@sut.ac.jp
NNTP-Posting-Host: kagulx4.cc.kagu.sut.ac.jp
Xref: narnia.ccs.neu.edu soc.culture.japan:59059 sci.geo.earthquakes:377

KANSAI EARTHQUAKE IN JAPAN - INFORMATION SOURCES

WWW :

http://www.csl.sony.co.jp/earthquake/index.html
http://turnbull.sk.tsukuba.ac.jp/jishin.html
http://150.26.230.162/Kobe/quake2.html
http://www.kobe-cufs.ac.jp/ ..... also has some images from the disaster
.....- slow link - be considerate.

General information about Earthquakes etc. in Japan :

http://www.eri.u-tokyo.ac.jp/

>From a news post by Shimpei Yamashita <shimpei@leland.stanford.edu> :

U.S. government hot line number for American inquiring about
friends or relatives in Japan: (202) 647-0900. To find out about
U.S. military personnel in Japan: (703) 697-5737.

Net News

fj.misc |
fj.misc.earthquake | In Japanese ( mainly )
fj.misc.earthquake.people |
fj.sci.geo |
kansai.misc |
```

tnn.disasters.earthquake
soc.culture.japan
sci.geo.earthquakes

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

693. Relay #2 from sci.geo.earthquakes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 19:42:34 UTC
From: scotte@ccs.neu.edu
Message-ID: <3fro3a$gt6@narnia.ccs.neu.edu>
Source record: 253476

```
From ptse@isr.harvard.edu Sat Jan 21 13:09:14 EST 1995
Article: 379 of sci.geo.earthquakes
Path: narnia.ccs.neu.edu!chaos.dac.neu.edu!noc.near.net!bigboote.WPI.EDU!news.mathworks.co
m!udel!gatech!howland.reston.ans.net!news.sprintlink.net!ixc.ixc.net!news.ecn.bgu.edu!news
pump.wustl.edu!fas-news.harvard.edu!isr.harvard.edu!ptse
From: Peter Tse <ptse@isr.harvard.edu>
Newsgroups: soc.culture.japan,sci.geo.earthquakes
Subject: Re: NET INFORMATION SOURCES FOR JAPAN QUAKE
Date: Thu, 19 Jan 1995 01:49:46 -0500
Organization: Harvard University, Cambridge, Massachusetts
Lines: 45
Message-ID: <Pine.ULT.3.91.950119014452.25453C-100000@isr.harvard.edu>
References: <3fkir5$qe7@news.caren.net>
NNTP-Posting-Host: isr.harvard.edu
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
In-Reply-To: <3fkir5$qe7@news.caren.net>
Xref: narnia.ccs.neu.edu soc.culture.japan:59067 sci.geo.earthquakes:379

There is also quake information at the following WWW sites:
http://www.niksula.cs.hut.fil~haa/kobe.hml (text and images)

http://www.nando.net/newsroom/nt/world.html (latest news)

On 19 Jan 1995, Devendra Narayan wrote:

> KANSAI EARTHQUAKE IN JAPAN - INFORMATION SOURCES
>
> WWW :
>
> http://www.csl.sony.co.jp/earthquake/index.html
> http://turnbull.sk.tsukuba.ac.jp/jishin.html
> http://150.26.230.162/Kobe/quake2.html
> http://www.kobe-cufs.ac.jp/ ..... also has some images from the disaster
> .....- slow link - be considerate.
>
> General information about Earthquakes etc. in Japan :
>
> http://www.eri.u-tokyo.ac.jp/
>
> From a news post by Shimpei Yamashita <shimpei@leland.stanford.edu> :
>
> U.S. government hot line number for American inquiring about
> friends or relatives in Japan: (202) 647-0900. To find out about
> U.S. military personnel in Japan: (703) 697-5737.
```

>
>
> Net News
>
> fj.misc |
> fj.misc.earthquake | In Japanese (mainly)
> fj.misc.earthquake.people |
> fj.sci.geo |
> kansai.misc |
>
> tnn.disasters.earthquake
> soc.culture.japan
> sci.geo.earthquakes
>
>
>
>
>
>

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

694. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 19:48:00 UTC
From: les.scofield@totrbbs.atl.ga.us
Message-ID: <20177.11.uupcb@totrbbs.atl.ga.us>
Source record: 253398

If someone places and ad in the NY Times and then someone in Hawaii reads the ad in the paper Hawaii could not hold either the NY Times nor the one who placed the ad, responsible.
The reader would be the one held responsible to comply with the laws of the state of Hawaii.

I am sure the internet newsgroups would be treated the same as national newspapers and TV, radio networks as to advertising.
If I advertise Pepperguns on RUSH's radio and/or TV shows and someone in Hawaii listened to or saw RUSH's show, could Hawaii take action against TUSH or the individual who placed the ad? I think NOT.

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
UUCP: totrbbs.atl.ga.us Snailmail: 4181 Wash Lee Ct.
Phone: +1 404 921 8687 Lilburn, GA 30247-7407

695. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 19:52:00 UTC
From: les.scofield@totrbbs.atl.ga.us
Message-ID: <20178.11.uupcb@totrbbs.atl.ga.us>
Source record: 253399

Whereas some forms of advertising can be controlled as to the location
where it is distributed, the internet is open to any users worldwide and
the sender has no possible form of control over the distribution.
therefore the user who places an ad on the net can not be held
accountable for someone reading it.

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
UUCP: totrbbs.atl.ga.us Snailmail: 4181 Wash Lee Ct.
Phone: +1 404 921 8687 Lilburn, GA 30247-7407

696. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 22:28:02 UTC
From: ppiercey@random.ucs.mun.ca
Message-ID: <3fs1pi$mvi@coranto.ucs.mun.ca>
Source record: 253381

Don Simpson (ko4ta@mindspring.com) wrote:
: There is a tremendous problem on HF that threatens amateur radio as a whole.
: You see there is a station on 3.975 mhz and 14.275 mhz, that has decided
: to broadcast a message to the listening world. It is a simulcast of a loop
: tape.

: He plays an endless loop tape often from an unattended transmitter site.
: He has decided what he wants to do with this frequency is better for
: amateur radio than what we could do with the frequency. He plays a 45 minute
: tape every other hour.

(More stuff deleted)

I have listened to some of the transmissions from this station. I used to
try to make contact with the Bermuda Hams on 14.275 on Sundays only to be
swamped by K1MAN. Without trying to start a flame war or really long
discussion, I have a question. Has this station done anything beneficial
for Amateur Radio? I dislike the idea of anyone taking over a frequency
and claiming it for their own but I have been on HF long enough to know
that this station is not the only one that practices this. All DX Nets
and other types of Nets do the same thing. The net controllers boom in on
a particular frequency at a predetermined time regardless the fact that
the frequency may be in use. I have heard people calling skeds over
others on frequencies. The fact that this is one-way transmission
should be sufficient to eliminate it, as I believe most countries have
regulations prohibiting one-way Amateur communications. I would like for
an responses to be directed to my Email address, as it would only block
up the newsgroup. I just would like to know if there is any positive
purpose to K1MAN. I can't believe that the only reason for so much
disparagement is the fact that it just starts transmitting without
listening or without regard for frequency occupation.

Please don't think this is a defense of K1MAN either. I would just like
some clarification as to what the station represents and whether this
purpose has any merit, according to the Amateur population.

Like I said before, please don't respond to the group, respond directly
to me.

73.

--
==
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@random.ucs.mun.ca

SONRA Email Address ppiercey@plato.ucs.mun.ca
==========

697. AX.25 information

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-21 23:25:40 UTC
From: Robert@forex.demon.co.uk
Message-ID: <790730740snz@forex.demon.co.uk>
Source record: 253394

Can anyone point me to information on the AX.25 protocol?

Thanks.
--
- Robert Cain - Forex Computers Ltd. - Colchester - U.K. -
---------------------------v------------------------------

698. 6,2 and 70cm meteor scatter

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 00:49:56 UTC
From: YPAK35A@prodigy.com
Message-ID: <3fsa3k$mbc@usenetw1.news.prodigy.com>
Source record: 253387

I am hunting meteor scatter skeds on these frequencies. I am in EM51JQ in South Ms. and am looking for 6 and 2 meter skeds especially to the west. I run 432 skeds any direction. Experienced or inexperienced operators . All request will be answeared. Let's work soome dx on the " ping mode ". 73 and good dx. WB5KYK

699. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 01:21:06 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3fsbu2$ia4@ixnews3.ix.netcom.com>
Source record: 253390

>Anyone have any thoughts about where I could come up with about 20
>orange vests or arm bands?

From the 1993-1994 ARRL Repeater Directory, page 15:
The Pocket Sized I.D. Vest
Molen Distributing Inc. Tel.206-671-5259
2009 Iron Street
Bellingham WA 98225

Perhaps your local Fire, Police and Civil Defense (Emergency
Management) organizations could supply you with a list of retailers in
your area.
Sporting goods stores that have clothing for hunters.
Check your local Classified Telephone Directory (Yellow Pages)
under appropriate headings.

Arthur, N1NHZ, Boston (MA) Amateur Radio Club, 73

700. Re: BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 02:59:02 UTC
From: tja@netcom.com
Message-ID: <tjaD2sDME.6GL@netcom.com>
Source record: 253395

T.J. Alessi (tja@netcom.com) wrote:

-> I recently got a copy of Baycom 1.7 from Germany and I left a copy for
-> the taking in my FTP directory. If you would like it do an anonymous ftp
-> to: ftp://ftp.netcom.com/pub/tj/tja/

-> the file name is: baycom17.zip

Sorry guys... I fixed the permissions, my fault. For anyone who tried
and got denied, it should work now.
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services MCIMail: 697-7009
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880
---

701. Re: test

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 03:06:34 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.41.002A0826@infinet.com>
Source record: 253397

>Is this msg replying ok???

>(talking to yourself is boring unless you argue!)

It's best to avoid talking to oneself in public. People look at you strangely.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

702. HELP- IDENTIFY THIS LINEAR AMPLIFIER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 03:29:13 UTC
From: uiahmed@uxa.ecn.bgu.edu
Message-ID: <3fsje9$ob9@news.ecn.bgu.edu>
Source record: 253396

[No readable article body recovered]

703. FREE HAM NEWSLETTER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 05:15:12 UTC
From: AMSOFT@EPIX.NET
Message-ID: <NEWTNews.18260.790755434.amsoft@amsoft.epix.net>
Source record: 253400
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

The Jan 95 "The World of Ham Radio" CD-ROM newsletter is now available. This CD-ROM offers more ham programs than any of the others out there! Over 20,000 IBM files for amateur radio are stored on this CD-ROM. Included are the FCC CALLSIGN call book with US & Foreign listings current to 12/94, and AMCALL the new logbook from AmSoft that will auto log from the CD for you. Over 1,350 Radio Modifications. The latest HST, NASA & Space images. Over 700 Megabytes of Amateur Radio Software packed into 1 CD. This CD-ROM is published every 4 months without delay in JAN, MAY, & SEP.

If you would like to get a FREE newsletter about the JAN 1995 AmSoft CD-ROM please send your Internet E-mail address to: amsoft@epix.net

704. rec.radio.amateur.misc Frequently Asked Questions (Part 1 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:12:15 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-1-790755122@oes.amdahl.com>
Source record: 253401
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part1
Revision: 1.7 10/23/94 20:52:50

Rec.radio.amateur.misc Frequently Asked Questions
Part 1 - Introduction to the FAQ and Amateur Radio
------------------------------------------------------------------------------

This is a regular posting of frequently-asked questions (FAQ) about Amateur
Radio, also known as Ham Radio. It is intended to summarize some common
questions on the rec.radio.amateur.misc newsgroup and Info-Hams mail list
as well as to help beginners get started.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good
signal-to-noise ratio in the newsgroup. However, they can't do it alone - you,
the reader, have to use them.
* If you are a new user, please print and review the FAQ articles and look at
the instructions in the news.announce.newusers newsgroup before posting any
articles. If you don't find the answer in the FAQ and you have tried
elsewhere, then you have "done your homework" and it is acceptable to ask
the question on the UseNet newsgroups. Along with your question, please
state where else you have looked for the answer so others also know that
you have done your homework.
* If you are an experienced user, please help by refraining from answering
frequently-asked questions on the newsgroup if they are already answered by
the FAQ articles. Instead, send e-mail to the user who asked the question.
(It will be helpful if you include the part of the FAQ that answers their
question, but not the whole thing.)

The FAQ cannot always prevent people from posting repetitive questions. But
even if hundreds of questions get posted, it saves you from having to answer
them hundreds of times. Also, a friendly pointer to the FAQ in your first
answer can help that person refer to the FAQ in the future. That is when we
can begin to get a real savings of network bandwidth.

To reduce the size of each article, the FAQ information is posted in 3 parts:
Part 1 - Introduction to the FAQ and Amateur Radio
Part 2 - Amateur Radio Organizations, Services, and Information Sources
Part 3 - Amateur Radio Advanced and Technical Questions

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--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 1--

** Introduction to the FAQ

* How to Contribute to the FAQ Articles

We accept suggestions from the Amateur Radio community. Please consider that all new contributions need to be SHORT and concise in order to be included. If a contribution is too long, the FAQ editors can help you find a more appropriate FTP archive or mail server for your article.

We always accept corrections. Please allow some time (often not the next issue of the FAQ) because the FAQ maintainers do this as volunteers so each must give higher priority to their employers.

Send correspondence to hamradio-faq@amdahl.com so that it will reach all the FAQ coordinators: (listed in alphabetical order)

Ed Hare KA1CV ehare@arrl.org (Newington, CT, USA)
Jack GF Hill W4PPT root@jackatak.raider.net(Brentwood, TN, USA)
Ian Kluft KD6EUI ikluft@oes.amdahl.com (Santa Clara, CA, USA)

Paul Schleck KD3FU pschleck@gonix.com (Omaha, NE, USA)
Chris Swartout N6WCP cas30@uts.amdahl.com (San Jose, CA, USA)
Steve Watt KD6GGD steve@wattres.sj.ca.us (San Jose, CA, USA)
Rosalie White WA1STO rwhite@arrl.org (Newington, CT, USA)
Derek Wills AA5BT oo7@astro.as.utexas.edu (Austin, TX, USA)

* Please Send Questions to the Newsgroups, Not the Editors

We wish it wasn't necessary to say this. Please don't send questions to the editors (unless you are sending an answer with it as a submission for the FAQ.) The proper procedure for questions on UseNet is
1) Read the FAQ
2) if it isn't there, check other sources (see Part 2 of the FAQ for electronic sources including Mosaic/WWW)
3) post on the newsgroup

The Internet has become an atmoshpere where questions are asked of everyone as if they have an infinite amount of time to help. The volunteers who maintain the FAQ do not have time to answer questions. Some FAQ maintainers on other newsgroups have been led to believe that no good deed goes unpunished - let's avoid bringing the same end to this effort.

* Call for FAQ Editors

As with any volunteer effort, new volunteers are often needed. The previous paragraph may have already given a hint about this: we need a new editor to post the Ham Radio FAQ. Preferably this should be someone who has enthusiasm for Ham Radio, experience with UseNet, and the ability to work with the other editors. No single person can know all the various aspects of this diverse hobby so the editorial review group is intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is written in PERL. So it would be a plus for volunteers to post the FAQ to have PERL installed on their system and be able to use "cron" or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer should contact hamradio-faq@amdahl.com.

* Acknowledgements

All questions listed as modified "pre-4/92" are entirely Diana Carlson KC1SP's work or her editing of a contributor's work. Diana established this FAQ and credit is due to her for founding this project.

Thanks to Devon Bowen KA2NRC for accepting this FAQ in e-mail every month to keep the FTP archive at ftp.cs.buffalo.edu up-to-date.

* Notes on "Netiquette"

The rec.radio.amateur.misc newsgroup and Info-Hams mail list have a large daily volume of traffic. They can operate more efficiently if the following netiquette guidelines are followed. Please take them seriously.

* If you are new to UseNet, the introductory articles in news.announce.newusers are required reading. Go to that newsgroup now. Definitely, read the instructions there before posting anything. Other rec.radio.amateur.* readers will appreciate it!
* Pick the right newsgroup. Use only the most specific newsgroup for your subject. For example, a question about a homebrew antenna only needs to be posted to rec.radio.amateur.antenna. Also, don't post to rec.radio.amateur.misc when the subject can go in another rec.radio.amateur.* newsgroup. So, when there is a more specific newsgroup, that's the one you want.
* When posting a followup article, ALWAYS try to minimize the number of lines of quoted material from the original article.
* As a general rule when you try to determine whether to reply to someone by e-mail or with a followup article, remember to "praise in public, criticize in private." It's OK to disagree technically but be careful not to attack the person with whom you disagree. Also, be careful with your use of the word "you" when posting a follow-up article. Many unnecessary flame wars have started that way.
* Use a descriptive subject. For example, a message subject of "Ham Radio" tells the reader NOTHING about the contents of your article since the whole newsgroup is about Ham Radio. Other examples of subjects which are so broad that they become useless could include, "Help," "A Question," "Antennas," or "Frequencies." Maybe "Books on Antennas?" or "Where can I find Repeater Frequencies?" would be better, for example. Remember, in a busy newsgroup a lot of users decide which articles to read from the subject line alone. If you post, don't deprive yourself of an audience!
* Before answering a question, check if the FAQ adequately answers it or if someone else already answered it. If you have more to add, make sure to reference either the FAQ or the related articles.
* If a user posts a question which is directly answered by the FAQ, there is no need to post an answer - the information is already available on the newsgroup. Instead, just send an e-mail message which politely explains where to find the FAQ. They will probably appreciate it if you include the answer to their question. (Don't send a "nastygram" - that would just discourage future participation.)
* Pay attention to the size of your audience - use the "Distribution:" header. If you leave it blank, your message will go to every civilized country in the world and occupy disk space in all news systems in all those places. If that's what you intend, that's fine but make sure your article is relevant outside your country. (In particular, Hams should already know there is more to the world than just their own country.)
* If you have an item for sale, please limit the distribution area so that, for example, an article about a radio for sale in New Jersey won't get to California or Europe. If you wish, you may cross-post

your for-sale article to rec.radio.swap.
* Software sources should be posted to either alt.sources, comp.sources.misc, or comp.sources.* for a specific machine type. Software binaries should be posted to the appropriate subgroup of comp.binaries.

** What is Amateur Radio?
Amateur Radio is a non-commercial radio communication service whose primary aims are public service, technical training and experimentation, and communication between private persons. Amateur Radio operators are commonly called hams. Hams often communicate with each other recreationally but also provide communications for others at public events or in times of emergency or disaster.

** Who can become a ham?
The answer to this question differs in every country.

The answer for the USA is listed below. If your country has a newsgroup specifically for it (i.e. UK, Australia, Germany) the most accurate answers can be found there. See Part 2 for the list of region-specific newsgroups.

If that doesn't help, the American Radio Relay League (ARRL) may be able to help because they communicate with similar organizations in other countries, probably including yours. They can be reached by electronic mail or surface mail (see Part 2.)

In the USA, anyone who is not a representative of a foreign government can be an Amateur Radio operator. There are tests that you must pass to get a license, however the tests are not insurmountable. On that general level, the requirements are probably similar in almost every country.

For more information on becoming a Ham in the USA, the ARRL has a toll-free number where you can request information: 1-800-32-NEW-HAM (don't worry about the number being one digit too long - the phone system ignores it.) Other information can also be obtained from the ARRL e-mail information server in the file called PROSPECT. Details on the server are in Part 2.

** Where can I locate information and books on Amateur Radio?
Your local Radio Shack sells some ham radios and Amateur Radio license books. Books can also be obtained through the mail from ham radio organizations, such as ARRL in Newington, CT (203-666-1541) and W5YI in Dallas, TX (1-800-669-9594). There may be one or two ham radio stores in the local area (ie, within 50 miles). Try looking in the Yellow Pages under Radio Communications.

For the Novice license, get a Novice License manual, plus 5-word-per-minute Morse code tapes, costing around $25. For the Technician license, get a combined Novice and Technician License manual, and an FCC

Rules manual, costing around $32. The FCC Rules manual is a good idea for Novice also, but not necessary, since the Novice License manual contains all the FCC Rules that are required for the Novice License.

The ARRL Education Activities Department has several programs to help amateurs (or prospective amateurs) to get started. Ask for a "New prospect package" available free of charge, from ARRL HQ, Educational Activities Department, 225 Main St, Newington, CT 06111.

Information on Ham Radio can also be obtained with your computer. Part 2 of this FAQ contains a significant amount of material on that subject.

** How much does it cost?
To take the tests for any class of amateur radio license, there is a small charge (around $5-$6 currently) to cover copying costs and running the testing sessions. (Due to changes in 1993, Novice tests are under same procedures as the others.) The cost of a radio is really dependent on what you want to do. You can make your own radio and antenna for under $150. You can buy a used single-band radio for $150-$300. Or you can buy a new multi-band multi-mode radio with all the doodads for $300-$3000. I'd suggest you learn more about ham radio, talk to local hams, find out what you want to do with ham radio first.

** Where can I take the tests?
The Novice tests Used to be given by any two qualified hams of General class license or above. Now all the license tests are given by three qualified Volunteer Examiners (VEs) who volunteer their time.

To locate an ARRL testing session in your area, you can contact ARRL at 203-666-1541 x282.

See also the section "Where can I find VE sessions in my local area?" in Part 2 because more information is available via UseNet.

** What are the tests like?
First off, come prepared to VE sessions. Bring: TWO forms of ID, one of which has a picture on it; a calculator (if necessary); a pen and two pencils; the applicable examination fee (around $5-$6 for 1993); the original AND a copy of your current Amateur Radio license (if you have one); the original AND a copy of any CSCEs for tests you've already passed (if you have any).

Each of the written tests (Novice, Technician, General, Advanced, and Extra) are generally a multiple choice test of approximately one-tenth of the question pool. For example, if the question pool is approximately 300 questions, then the test will be a 30-question test. You need to get 75% correct to pass. Note that they truncate to determine the correct number of questions. That means for a 30 question test, you need to get 22 right, which is actually only 73.3%.

Once you've paid the small fee for Technician-Extra tests, it costs no extra to take another test, so I'd suggest you keep taking the next more advanced test until you fail. If you pass the written but not the Morse code (or vice versa) for a specific class license, you have up to one year to take the other test before you would have to retake the written test again. Note that some VEs will not allow you to take the written test unless you've first taken the Morse code test.

The Morse code test is a receiving test only. The test run 5 to 7 minutes. After the test, you are given a 10-question multiple-choice or fill-in-the-blank test. Passing grade is 7 or more. If you fail the 10-question test, the examiner team will examine your copy sheet to see if you have 1 minute of solid copy with no errors. For 5 wpm, that's 25 characters, for 13 wpm, that's 65 characters, for 20 wpm, that's 100 characters. If they can find 1 minute solid copy, you've still passed.

Hints on Morse code tests: Generally, it will be a standard QSO (conversation), and it MUST contain at least one of each of the following:
26 letters A-Z, 10 numbers 0-9, comma (,), period (.), slant or slash (/), question mark (?), double dash prosign (BT), end of message prosign (AR), end of contact prosign (SK).
The letters count as one character, all others count as two characters. There are a couple other prosigns which are worth knowing, but will not be on the test, like "I'm done talking, next" is K, "I'm done talking, back to you" is KN, "Please wait" is AS.

** What can I do with a ham radio license?
There are so many things, it's a difficult question to answer, but here's some ideas:
* Talk to people in foreign countries.
* Talk to people (both local and far away) on your drive to work.
* Help in emergencies by providing communications.
* Provide communications in parades or walkathons.
* Help other people become hams.
* Hook your computer to your radio and communicate by computers.
* Collect QSL cards (cards from other hams) from all over the United States and foreign countries and receive awards.
* Participate in contests or Field Day events.
* Provide radio services to your local Civil Defense organization thru ARES (Amateur Radio Emergency Service) or RACES (Radio Amateur Civil Emergency Service).
* Aid members of the US military by joining MARS (Military Affiliate Radio System).
* Participate in transmitter hunt games and maybe build your own direction-finding equipment.
* Have someone to talk to on those sleepless nights at home.
* Receive weather pictures via satellites.
* Build radios, antennas, learn some electronics and radio theory.
* Talk to astronauts in space, or use the moon to bounce signals

back to people on the Earth.
* Experiment with Amateur TV (ATV), Slow-Scan TV (SSTV), or send
still-frame pictures by facsimile.
* Experiment with amateur satellite communications.

** What can't I do with an Amateur Radio license?
The most important thing you can't do is transact business of any
kind over ham radio. Interference to other hams or services, as
well as obscene, profane or indecent language is not tolerated and
is illegal. Music and broadcasting are not allowed on ham radio.
Some personal conversations may not be appropriate to Amateur Radio.
Do you really want the whole world to hear about Aunt Mabel's
hemorrhoids?

** I'm interested, who will help me?
There are hams who are willing to become "Elmers" (mentors, helpers)
in your local area. Look around and ask local hams. Search out local
radio clubs. As well, some people have volunteered to be an Elmer
over the Usenet. A list of UseNet Elmers and their e-mail addresses
is posted to the newsgroup monthly. If anyone wants to be an Elmer,
send e-mail to
elmers-request@unomaha.edu

There is also a lot to be said for exploring on your own. Take a
look around the FTP archives and e-mail servers listed in Part 2.
There's so much out there on UseNet, you'll find plenty of things
you're interested in.

** Should I build my own equipment or antenna?
[see also rec.radio.amateur.homebrew and rec.radio.amateur.antenna]
"Homebrewing" is a fun and educational part of ham radio. It is a
thrill to build your own transmitter and put it on the air. However,
building your own receiver can be quite complicated; if you don't have
electronics experience, you may want to buy a receiver instead. Most
homebrew transmitters are QRP (transmit very low power). That's fine
for an experienced ham with a very good antenna, but a Novice ham will
just get frustrated. Your first rig, therefore should NOT be a home-
brew.

Antennas can be much simpler projects than the transceiver, though
some types are also quite involved. Most hams build their own anten-
nas for base station use and buy antennas for mobile (car) use. Most
beginner ham books describe how to build different types of antennas.
Order of difficulty, from easiest to more difficult, for some common
antennas are: wire dipole, Zepp, Yagi, Quad, and Log-Periodic. Books
from many sources, including ARRL and several Hams, discuss antennas
in depth.

When building or even understanding antennas, it is good to know the
relationship between the antenna element length and the frequency or
wavelength it is designed for. An antenna performs best at multiples
of 1/4 of that wavelength, though 5/8 wave also has beneficial qualit-

ies. The wavelength is related to the frequency with the following formula:

wavelength (in meters) = 300 / frequency (in megahertz)

You do not need a huge antenna or tower like ones you may see around your neighborhood. Large beam antennas and 40-foot towers are very expensive. As a beginner, a simple dipole antenna is perfectly adequate. As you gain experience (and money :-), you may want to invest in something bigger.

If you can afford new rigs and antennas, there are many mail order stores that advertise in ham radio magazines. If you want to buy a used rig, the best place is at a "hamfest" (ham flea market). You should take along an experienced ham, since some of the used equipment may be inoperative, overpriced or poor quality. You can also answer ads in ham magazines or posted at ham radio stores, although often, by the time you call, the equipment has already been sold.

705. rec.radio.amateur.misc Frequently Asked Questions (Part 2 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:12:27 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-2-790755122@oes.amdahl.com>
Source record: 253402
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part2
Revision: 1.4 10/23/94 20:51:58

Rec.radio.amateur.misc Frequently Asked Questions
Part 2 - Amateur Radio Organizations, Services, and Information Sources
------------------------------------------------------------------------------

Questions discussed in Part 2: (dates indicate last modification)
** Where can I find Ham Radio information with a computer? (8/94)
* Mosaic, World-Wide Web, Gopher, and WAIS (8/94)
* The rec.radio.* newsgroups (2/94)
* The ARRL e-mail server (1/93)
* The KA6ETB e-mail "HAM-server" (10/94)
* The Internet File Transfer Protocol (FTP) (2/94)
* Access to FTP archives via electronic mail (1/93)
* The Ham-Radio mail list: rec.radio.amateur.misc by mail (9/93)
* Telephone BBS's with Ham-related information (9/93)
* Callsign servers and geographical name servers (1/94)
* FTP access to FCC Part 97 and FCC Amateur Radio question pools (1/94)
* Lists of radio modifications and extensions (2/94)
** Can I send ARRL or W5YI electronic mail? (11/92)
** "Why doesn't the ARRL do...?" (11/92)
** What magazines are available for Ham Radio? (pre-4/92)
** How do I use the incoming and outgoing QSL bureau? (11/92)
** Are there any news groups for CAP? (11/92)
** What's the name of the QRP club that issues QRP numbers? (9/93)
** How do I become a 10-10 member? (9/93)
** How do I join MARS? (9/93)
** How do I join RACES? (pre-4/92)
** What organizations are available to help handicapped hams? (pre-4/92)
** I am looking for a specific ham, can anyone help me find him? (6/93)
** Can I post my neat new ham related program on rec.radio.amateur.misc?
(pre-4/92)
** Where can I get ham radio software for my computer? (9/93)
** Are there Dialup News services or BBSs for Amateur Radio? (4/92)
** Where can I find VE sessions in my local area? (9/93)
** Why isn't XXX available electronically? (1/94)
** I'd like to volunteer to help ham radio through electronic
information services like those mentioned in this FAQ list.
Where should I start? (2/94)

--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 2--
```

** Where can I find Ham Radio information with a computer?
This question has many answers spanning several electronic media including WWW, UseNet, electronic mail, the Internet, dialup BBS's and others. Various electronic information sources are summarized under the subheadings that follow.

All electronic mail addresses listed are in Internet format. If your site is not connected to the Internet and does not support Internet-style mail addresses, you will need to contact either your system administrators or a local "guru" to find out how or if you can send mail to the sites listed. Ask them, "how can I get mail to the Internet?" and show them the address you're interested in.

* Mosaic, World-Wide Web, Gopher, and WAIS
A new generation of information retrieval tools exploded into great popularity on the Internet in 1993 and 1994. They are the gopher protocol, wide-area information server (WAIS) and World-Wide Web (WWW). They are indeed complete topics of discussion unto themselves which can be found, among other places, in the following newsgroups:

comp.archives
comp.infosystems.announce
comp.infosystems.gopher
comp.infosystems.wais
comp.infosystems.www

Please read those newsgroups if you have questions about the software or how to use it.

At the current rate of growth, we can never hope to list all the servers. We would like cooperation from people who assemble WWW servers to add references to other useful Ham Radio information available at other WWW, gopher, WAIS, and FTP sites. That way the FAQ can direct readers to servers that can reference more servers with more information than we can include on a periodic UseNet posting.

Some useful URLs (uniform resource locators) which can be used with WWW (Mosaic, Lynx, etc.) are as follows:

General Ham Radio Information:

Amateur Radio Virtual Library
http://buarc.bradley.edu/wwwvl-ham.html
Ham Radio FAQs & info: (The OSU server turns this into WWW hypertext)
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/top.html
file://rtfm.mit.edu/pub/usenet/radio/ham-radio
all radio FAQs & info:
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/top.html
wais://rtfm.mit.edu/usenet/radio
Federal Communications Commission:
http://www.fcc.gov/
http://www.fcc.gov/1/Private_Radio
North Carolina State HamRadio WWW Server:
http://www.acs.ncsu.edu/HamRadio

Yahoo's Ham Radio Index:
http://akebono.stanford.edu/yahoo/Entertainment/Hobbies_and_Crafts/Amateur_Radio/
EINet Galaxy's Ham Radio Page:
http://www.einet.net/galaxy/Leisure-and-Recreation/Amateur-Radio.html
O'Reilly's Whole Intrernet Catalog's Ham Radio Page:
http://nearnet.gnn.com/gnn/wic/hobbies.02.html (Eastern USA)
http://www.digital.com/gnn/wic/hobbies.02.html (Western USA)
http://bond.edu.au/gnn/wic/hobbies.02.html (Australia)
http://quasar.sba.dal.ca:2000/gnn/wic/hobbies.02.html (Eastern Canada)
http://www.wimsey.com/gnn/wic/hobbies.02.html (Western Canada)
http://www.Germany.EU.net/gnn/wic/hobbies.02.html (Germany)
http://www.ntt.jp/gnn/wic/hobbies.02.html (Japan)
http://www.elvis.msk.su/gnn/wic/hobbies.02.html (Russia)
http://src.doc.ic.ac.uk/gnn/wic/hobbies.02.html (UK)
University of Buffalo's FTP server:
file://ftp.cs.buffalo.edu/pub/ham-radio
Oakland University's FTP server:
file://oak.oakland.edu/pub/hamradio

Specialized Topics:

SAREX: Shuttle Amateur Radio Experiment
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html
Morse Code Demo
http://macgwy-mac2.gsfc.nasa.gov/GARC/exp/morse.html

Although still very much works-in-progress, the last two URL's
are excellent examples of WWW servers with numerous references
to other resources.

* The rec.radio.* newsgroups
The primary distribution mechanism for this FAQ is UseNet. There
are several newsgroups dealing with Amateur Radio and other aspects
of radio. The full list is as follows:

rec.radio.amateur.misc (*) Ham Radio - misc/general topics
rec.radio.amateur.antenna Ham Radio - antenna construction/theory
rec.radio.amateur.equipment Ham Radio - manufactured equipment/mods
rec.radio.amateur.digital.misc Ham Radio - digital radio modes: packet/
AMTOR/RTTY/etc (formerly r.r.a.packet)
rec.radio.amateur.homebrew Ham Radio - radio experimentation, kits
rec.radio.amateur.policy Ham Radio - policy & regulation
rec.radio.amateur.space Ham Radio - satellites, EME, shuttle/MIR
rec.radio.broadcasting public broadcast radio
rec.radio.cb Citizens' Band Radio
rec.radio.info (*) periodic info from all rec.radio groups
rec.radio.noncomm misc non-commercial radio topics
rec.radio.shortwave Shortwave Radio
rec.radio.scanner Utility Radio above 30Mhz
rec.radio.swap radio equipment wanted and for sale

Country- or region-specific newsgroups include the following:
aus.radio Australia (misc radio topics)
aus.radio.amsat Australia (amateur satellites)
aus.radio.packet Australia (packet radio)
de.comm.ham Deutschland/Germany
fj.comm.ham Japan
uk.radio.amateur United Kingdom
in.ham-radio USA, Indiana
sbay.hams USA, CA, South Bay Area/Silicon Valley
triangle.radio USA, NC, Research Triangle area

This FAQ is cross-posted to the newsgroups marked with asterisks (*).
It is also cross-posted to rec.answers (the archive for FAQs in the
rec.* newsgroups) and to news.answers (UseNet's general repository for
FAQs.) These should be the first places to look for new current
copies of the FAQ.

Most of the rec.radio newsgroups have their own FAQs as well.

* The ARRL e-mail server
ARRL is the American Radio Relay League, representing and promoting
Amateur Radio in the USA. They have established an automated file
server which responds to information requests via electronic mail.
To use the server, send mail to info@arrl.org with any number of
one-line commands in your message. Valid commands are as follows:

help sends more detailed instructions about the e-mail server
index sends a list of the files currently available
send file sends a file (replace "file" with the file's name)
several files are referenced by name in parts of this FAQ
quit ends command processing - use it if a signature will be
appended to your message

The server program will respond to the commands, each in a separate
message. Among many other informative files, a current copy of the
FAQ (updated monthly) can be obtained from the ARRL e-mail server.
Other parts of this FAQ refer to specific files on the ARRL server.

* The KA6ETB e-mail "HAM-server"
Steve Harding KA6ETB has an e-mail server on his 486 PC at home with
over 70 megabytes of Ham Radio-related files (at the time of this
writing.) You can request any of those files with an e-mail message
to the HAM-server at "ham-server@grafex.sbay.org". This site
has a mostly-different selection of files than the ARRL, though some
overlap is unavoidable. The HAM-server contains many plain-text
articles along with programs for MS-DOS & Windows, Unix, Mac, and
OS/2.

Use these commands to send requests to the KA6ETB HAM-server.
HELP instructions and info about the HAM-server
INDEX list of files available from the system
GET <file> send a file (see the HELP notes for more info on
getting binary files in uuencode or xxencode format)

NEWFILES <date> list of new files since the given date
PING used for testing your path to the HAM-server, it just
sends a simple reply so you can look at the path data
QUIT makes the HAM-server stop reading the message (so it
won't try to read your .signature)

Submissions for inclusion in the HAM-server may be mailed in UUENCODED
format to "incoming@grafex.sbay.org".

* The Internet File Transfer Protocol (FTP)
Sites connected to the Internet can access large amounts of data
almost anywhere in the world, often at high speeds. One common way
to transfer the data you want is FTP. Some sites offer a service
called "anonymous FTP" which allows remote users to access a set of
public files without requiring a password.

Perry Rovers coordinates a fairly definitive list (formerly
maintained by Tom Czarnik) of anonymous FTP sites, their IP
IP numbers, time zones, general contents, and access policies
which he posts to several newsgroups, including comp.archives,
comp.sources.wanted and news.answers. It is itself available
via anonymous FTP (how about that?? :-) from (among other places)
rtfm.mit.edu under directory /pub/usenet/news.answers/ftp-list.

For specific information about exact locations of files by name,
the Archie database server may be of help. First check if anyone has
installed the "archie" program on your machine and use it. Archie may
also be accessed by telnetting to one of many sites. The list
of archie sites is numerous and growing fast. For a current
list of sites, telnet to archie.sura.net (login "archie"), then
please use the one closest to you to conserve network bandwidth.

For those without telnet capability, the database may be accessed non-
interactively via mail server. Send E-mail with the word "help" to
archie@host where host is one of the Archie sites above.

The above two resources (the FTP list and the Archie server) are
extremely powerful tools for finding out "what's out there" at various
FTP sites around the world. *PLEASE* exhaust their capabilities
before posting requests to the net.

The following is a brief summary of major ham-related FTP sites and
places where you can obtain a current copy of this FAQ:

ftp.cs.buffalo.edu:/pub/ham-radio
(submissions to this ftp site should be made to
bowen@cs.buffalo.edu) - Contains many ham radio files,
including the FAQs, Elmer list, SWL and scanner info, Packet
FAQ, examination opportunities, information on various
regulations, information on commercial radios (i.e. GE or
Motorola), SSTV (slow-scan TV), HTs (handheld transceivers).
Recently, the rec.radio.amateur Working Group (rra-wg,
see below for more information about their mailing list)

has started to encourage archivers of radio modification
instructions to mirror them at this site. In this way,
maintainers may come and go but the collection of
mods will remain continuously available (and undergo
constant positive growth). This FAQ is updated monthly
here.
grivel.une.edu.au:/pub/ham-radio
Australian mirror of ftp.cs.buffalo.edu
nic.funet.fi:/pub/ham
This is one of the largest FTP sites in Europe and maybe the
most popular. /pub/ham/info contains a mirror of Buffalo.
Other topics available here include amiga, antenna, HF, packet,
satellite, scanners, program sources, VHF and others.
This site is also one of the article archives for the
rec.radio.info newsgroup.
ftp.uu.net:/networking/ka9q
A large FTP site in the USA - UUNET contains sources and
binaries for many different types of computers.
ftp.ucsd.edu:/ (site was down when we were looking for the new path)
The "home" site (with the most recent versions for the largest
number of different computer platforms) of the KA9Q TCP/IP
Network Operating System (NOS), other ham-related software,
and the archives for the Info-Hams, Packet-Radio, Ham-Policy,
Radio-Info and TCP-Group digests.
vixen.cso.uiuc.edu:/pub/ham-radio
This site contains the HyperCard Hamstacks written by Diana
Carlson as well as ASCII readable ham radio question pools.
ftp.apple.com:/pub/ham-radio
Ham software and information, especially Macintosh software
rtfm.mit.edu:/pub/usenet/news.answers/radio/ham-radio
all participating FAQs and periodic informational postings are
archived here, including those from the rec.radio.* newsgroups
which can be found in pub/usenet/news.answers/radio.
Participating FAQs are automatically archived here when they
are posted on UseNet.
ftp.amdahl.com:/pub/radio/amateur
cd pub/radio/amateur - the most up-to-date copy of the FAQ
(updated nightly when changes are made)
world.std.com
The Ham Radio archive at this site has been moved to
oak.oakland.edu.
oak.oakland.edu:/pub/hamradio
oak.oakland.edu:/pub/hamradio/arrl
Mac, Amiga, Atari, PC files in their own subdirectories.
Also radio mods and an Internet mirror of the ARRL info
server.

See also the file FTP-INFO on the ARRL e-mail server.

If you experience difficulty connecting to the above FTP sites, some
troubleshooting hints are shown below. The unfortunate situation here

is that Netnews is far more prevalent than direct Internet hookups, accurate name servers, smart mailers and routers, and of course, telnet and FTP client services. What this means is that your trouble may be caused by MANY factors.

Here's some hints to check what's wrong:
* It may very well be that your newsfeed and email are via dialup line and UUCP (Unix-to-Unix copy) in the wee hours of the morning. If this is the case, then you have no direct connection to the Internet and thus cannot use real-time interactive services like FTP and telnet.
* If you are at a college or university, your host (ie, the computer you are logged onto) may be on the Bitnet network, which has an email gateway to the Internet, but no direct connect capability.
* If you do have a direct connection to the Internet, does your host have telnet and/or FTP client programs? (ie, if you type "ftp" or "telnet" at your command prompt, do you get anything?) Many hosts, particularly IBM mainframes not running Unix, do not support these services!
* Can you telnet to other hosts and get a login prompt?
It may very well be that some hosts are "not recognized" due to misconfigured connections and inaccurate host tables/name servers (*.mil computers are *NOTORIOUS* for this!)
* If you get "host not in host table" or "host unknown" or similar error, try telnetting via the IP number, a set of four 1-3-digit numbers separated by periods (eg, 198.137.220.1). The exact IP number for the site can be obtained via the nslookup utility, if your computer supports it. (The FAQ does not print IP addresses any more because they change so often.) Your system may not recognize the "fully-qualified domain name" (like callsign.cs.buffalo.edu), but it should ALWAYS recognize an IP number if their network is reachable from yours.
* If you get "network unreachable" check with some more knowledgeable users if your site is actually connected to the Internet. If it is, a link in the network may be temporarily disconnected for maintenance (or by accident.)
* In the case of telnetting to a non-default port (as in the case with the callbook servers), if telnet <host> <port#> doesn't work, but you can telnet to the default login port (ie, no qualifiers), then the manner at which the port qualifier is entered may be system dependent. Also, at many education sites, it is common practice to block telnet connections above TCP socket 1000 or so in a somewhat misguided attempt to block usage of "recreational" TCP socket applications such as Multiple User Dungeons (MUD's) or Internet Relay Chat (IRC). In most cases, a polite word to the system administrators, pointing out the worthwhile services available on sockets 2000 and 3000 will get telnet service unblocked, at least for those ports.
* Syntax for telnetting from different operating systems differ. Some common command syntaxes are: (angle brackets are for

readability, do not type these in literally)
Berkeley Unix or VMS with Wollongong TCP/IP uses syntax:
telnet <host> <socket#>
Other possibilities to try:
telnet console <host> (for 2000 port)
telnet <CR> open <host>:<port#>
telnet <host>/<port#>
telnet <host>/port=<port#> (for Multinet on VMS)
* Compression techniques are different for different operating systems.
However, these hints should help:
foo.sit needs Macintosh UnStuffit to unstuff
foo.hqx needs Macintosh BinHex to uncompress
foo.tar needs Unix or GNU tar utility to extract archived files
foo.Z needs Unix 'uncompress' to uncompress or VMS
compress_vms.exe (on gatekeeper.dec.com) will work too.
foo.z needs the GNU gzip utility (from prep.ai.mit.edu) to
uncompress it. gzip will also uncompress *.Z files.
If more than one method was used,
like for foo.hqx.Z, start at the outside and work in (so uncompress
on Unix with 'uncompress' first, transfer to MacIntosh, then
uncompress with BinHex to get uncompressed file).
* There is an excellent introduction to FTP and archiving software
regularly posted to comp.binaries.ibm.pc and news.answers.
* If all else fails, ASK your system administrator or check system
documentation.

* Access to FTP archives via electronic mail
ANY BITNET, EARN, or NorthNET site can access the Princeton mail
server. It will be most efficient if you know the complete path
and filename for anything you wish to transfer, but you can use
'cd' and 'ls -l' commands to move about and browse the remote site's
directories. The Archie database server may also be useful to search
for files and their directory locations on FTP sites around the world
(see below). Please be patient when using non-interactive mail
servers such as BITFTP as each request may take several hours (or
longer) to be fulfilled.

For access to the FTP server, send email to bitftp@pucc.bitnet (for
BITNET, EARN and NorthNET users ONLY!). Subject doesn't matter.
The text of the email is the FTP commands one after another. For
example, suppose you wanted to access the FTP site lcs.mit.edu:
FTP lcs.mit.edu
USER anonymous
PASS yourname@yoursite (not required)
ASCII
CD telecom-archives
GET filenames
BYE
A help file is available giving detailed instructions by putting
the single word HELP into the text of the email.

For nonBITNET users, there is also a FTPMAIL server at
ftpmail@decwrl.dec.com. Commands include: REPLY <mailaddr>,
CONNECT [HOST [user [pass]]], ASCII, BINARY, COMPRESS, COMPACT,
UUENCODE, BTOA, LS <directory>, DIR <directory>, GET <file>, QUIT,
HELP. Get the help file for more information by sending mail with
the single line "help". The ftpmail site may complain if you try
try to get more than 1 file per email request. Here is an example of
a request:
reply your_name@your_site
connect vixen.cso.uiuc.edu
binary
uuencode
get pub/ham-radio/extra-pool.txt
quit

A note on the use of FTP mailservers: If you want to use FTP
mailservers, like FTPMAIL, please be considerate of any systems that
your mail must pass through. The quickest way to find yourself cut
off from the world is to make the admins of sites that pass your mail
pass 60Mb of X11 graphics system source. If you need large amounts
of information from a mailserver, contact your admin for help -- it
may already be available, or he may know a better way to get it.

* The UCSD Ham-Radio mail list: rec.radio.amateur.misc by mail
You can use rec.radio.amateur.misc even if your site has no NetNews
feed. To subscribe to rec.radio.amateur.misc, send email to:
Ham-Radio-Request@ucsd.edu
In the body of the message, write:
subscribe Ham-Radio
If your local e-mail software does not provide a valid return address
(i.e. Bitnet, many Milnet sites, and many non-Unix e-mail packages)
you can provide your return address between the "subscribe" and the
name of the mailing list (i.e. "subscribe myname@here.org Ham-Radio".)

Similarly, to subscribe to some other rec.radio.* newsgroups, use
the following directions: (all addresses here are @ucsd.edu)
Request address List address Newsgroup
Ham-Radio-Request Ham-Radio rec.radio.amateur.misc
Ham-Digital-Request Ham-Digital rec.radio.amateur.digital.misc
Ham-Policy-Request Ham-Policy rec.radio.amateur.policy
Ham-Equip-Request Ham-Equip rec.radio.amateur.equipment
Ham-Ant-Request Ham-Ant rec.radio.amateur.antenna
Ham-Homebrew-Policy Ham-Homebrew rec.radio.amateur.homebrew
Ham-Space-Request Ham-Space rec.radio.amateur.space
Radio-Info-Request Radio-Info rec.radio.info

IMPORTANT NETIQUETTE NOTE: never ever send a request to subscribe
or unsubscribe from *any* mail list to the list itself. Always use
the REQUEST address. Otherwise you'll end up broadcasting your
request to everyone on the list and getting lots of people angry at
you. (Seriously - this is a completely avoidable mistake and it
does irritate a lot of people.)

TO UNSUBSCRIBE, follow directions above, changing the command word "subscribe" to "unsubscribe"
DON'T POST TO THE NEWSGROUP ITSELF! USE THE REQUEST ADDRESS!
Help is available by using the command word "help". Note that command words MUST be the first word on each line of the message.

You can post to rec.radio.amateur.* by sending your posting email to the mail list addresses at ucsd.edu. Since rec.radio.info is a moderated newsgroup, requests to post to it may be sent to Radio-Info but they will be mailed to the moderator, rec-radio-info@ve6mgs.ampr.ab.ca, for posting.

All of the Amateur radio newsgroups are archived for FTP on ucsd.edu under subdirectory mailarchives/{mail-list-name}. However, Radio-Info is not archived at UCSD because almost everything is either on one of the other lists or in the news.answers archives at rtfm.mit.edu (see also funic.funet.fi above).

To subscribe to rec.radio.shortwave, send email to listserv@cuvma.columbia.edu, message is "subscribe swl-l (your name)"

* Telephone BBS's with Ham-related information
Among many, a large one is WB3FFV. Use 8/N/1. The phone numbers are
(410)-661-2475 1200-38400/MNP5/V32bis/V42bis
(410)-661-2598 1200-38400/MNP5/V32bis/V42bis/PEP
(410)-661-2648 1200-19200/MNP5/V42bis/PEP
Login is bbs, no password. This BBS is also available via UUCP, login is uucpanon, no password. For a list of available files, try:
uucp wb3ffv!~/FILES /usr/spool/uucppublic

Another one is N8EMR at phone 614-895-2553, login hbbs. Data settings are 8 bits, NO parity, 1 stop bit. N8EMR has a comprehensive list of other ham-related BBS's on-line.

ARRL has a BBS called "HIRAM", named after the League's founder. The number is 203-666-0578. More information can be obtained from the file ARRL-BBS on the ARRL e-mail server.

For a more complete list of Ham Radio BBS's, see the file BBS on the ARRL server. See also the file BBS_LIST.TXT on the KA6ETB HAM-server. Also see many of the FTP sites listed earlier in this section. There is now way to keep a list like this anywhere near up-to-date so giving you a lot of sources is the next-best thing!

* Callsign servers and geographical name servers
We know of online callsign servers for the USA, Canada and UK.

If you are at an Internet site you can connect using telnet to the following callbook server (covering the USA and Canada):
callsign.cs.buffalo.edu

There is also a general geographical name server at
martini.eecs.umich.edu

For the UK, you can use a WWW client to access the following URL:
http://www.mcc.ac.uk/htbin/callbook

The callbook server sits on port number 2000 and the geographical name server sits on port 3000. These are different port numbers than what telnet usually defaults to. So if you just telnet to these machines, you will get a login prompt instead of the server. How you tell your telnet program to connect to port 2000 or 3000 instead of the default port is operating system dependent but it is usually done with a line like

telnet callsign.cs.Buffalo.edu 2000

If this doesn't work, check the telnet/FTP troubleshooting hints above or consult your local systems guru for the proper command string.

The interactive servers are designed to be somewhat self-explanatory and they support fairly detailed help facilities. The first command you should execute when connecting to one of these servers is "info". This will list general info about that server and how to use it. You should then type "help" to list the various commands available. Typing "help" followed by a command name will give you a little more detail about that command. Servers allow searches by call, last name, zip code or city and also provide regular expression filters to trim your searches so you get a reasonable amount of output.

Both these servers are built from a database distributed by Rusty Carruth, N7IKQ. This database currently contains US and Canadian callsigns and it does not contain club calls. A new version of the database is sent around approximately once a year.

There is also an email callsign server at callbook@sat.datapoint.com (The UUCP address is ...!uunet!dptspd!callbook). In the body of the text, say "lookup" followed by callsigns you want to look up. If your mailer appends signature files, you should put a line "quit" at the end of your request (before the signature file). If you want help, put the word "help" on a line by itself. Here is what a request might look like:
help
lookup kc1sp wn4bbj
lookup n0fzd
quit

There is another email callsign server at callbook@n8emr.cmhnet.org. The subject line is the list of callsigns to lookup. All other lines are ignored. This same callsign server can be accessed with packet radio via cbook@n8jyv.#cmh.oh.usa.na. The body of the message should include "REPLY n8jyv!HOME_BBS!CALL" (where HOME_BBS is YOUR home BBS, and CALL is YOUR callsign), carriage return, "CALL call1 call2 ..." (where call1 call2 .... is space separated list of callsigns you want to lookup).

If you are a packet radio station, callserver data is available from REQQTH@WA4ONG.VA.USA.NA, subject line should be up to 5 US callsigns,

separated by spaces. For Canadian calls, use the callserver at
REQQTH@VE3JF.ON.CAN. Body of message is ignored. The server is an
OS interface to the MBL packet BBS using the Buckmaster CD-ROM
callsign database.

The FCC "call sign hotline" at 717-337-1212 is available for those
who wish to listen to the call signs allocated in each group for each
district. This requires only a touch-tone telephone to use.

* FTP access to FCC Part 97 and FCC Amateur Radio question pools
Part 97 is part of the FCC regulations and only applies to the USA.
As of 1/94, a current copy can be found at ftp.cs.buffalo.edu in
the /pub/ham-radio directory.

An ASCII copy of the question pools are available by ftp from
the ARRL e-mail server.

* Lists of radio modifications and extensions
[see also rec.radio.amateur.equipment]
The largest collection of mods data that we know about is kept at
ftp.cs.buffalo.edu in the /pub/ham-radio/mods directory. The
maintainer of this archive strongly encourages all existing
archivers of mods to mirror their collections on this site.
in this way, maintainers will come and go, but the collection
of mods will remain stable and accessible.

There is a packet radio Mods Server. To get the directories, send
a packet as follows:
SP REQFIL@N2IMC.NJ.USA.NA
Subject: MODS\Dir.1
/EX
To get the mod, send to same place, with Subject MODS\Filename.ext.

REMEMBER that any modification is likely to void your warranty and
that these mods are NOT guaranteed to work. This list is supplied
here because it is a frequently-asked question on the newsgroup.

** Can I send ARRL or W5YI electronic mail?
Several ARRL HQ staffers can be contacted via the net. Their e-mail
addresses are available from the ARRL e-mail file server in the
file called "EMAIL".

ARRL requests that you include your postal address (the slow kind) in
case they need to send you nonelectronic material in answer to your
request.

W5YI, a large VEC, can be reached at the following address:
Fred Maia, W5YI 3511297@mcimail.com

** "Why doesn't the ARRL do...?"
If you want the ARRL to do something, tell them! Direct input from a
concerned member (or, actually, any concerned Ham) carries a lot more
weight than hearsay from any source. Their e-mail addresses are

available from the ARRL e-mail file server (see above). They want direct input - that's why those addresses are available.

** What magazines are available for Ham Radio?
Your local ham store may have some, but here's some popular ones (this is NOT a complete list!):
QST, ARRL, 225 Main St, Newington, CT 06111 - basic projects and contesting
CQ The Radio Amateur's Journal, 76 North Broadway, Hicksville, NY 11801 - beginner ham radio articles
73 Amateur Radio Today, WGE Center, Forect Rd, Hancock, NH 03449, FAX (603) 525-4423, email: COMPUSERVE 70310,775 or Internet 70310.775@compuserve.com - more technical ham radio articles
QEX, ARRL, 225 Main St, Newington, CT 06111 - more technical projects
WorldRadio, 2120 28th St, Sacramento, CA 95818, (916) 457-3655. Subscriptions to 201 Lathrop Way, Ste D, Sacramento, CA 95815, (800) 365-SUBS - lots of special interest columns, like QRP, ATV, YL, etc.
W5YI Report, PO Box 565101, Dallas, TX 75356, 1-800-669-9594 - up-to-date information on Amateur Radio happenings, including VE information and statistics

** How do I use the incoming and outgoing QSL bureau?
To use the outgoing QSL bureau, you must be a member of ARRL. In general, you send a bundle of foreign (not States!) QSL cards to the outgoing bureau in Newington, Connecticut, along with a label off of your QST magazine (which shows ARRL membership), along with $2 per pound of cards (approximately 150 cards) or $1 for 10 cards or less.

To use the incoming QSL bureau, you do NOT have to be a member of ARRL. Send one or more Self-Addressed Stamped Envelopes (size 5x7 or 6x9, NO BIGGER, NO SMALLER) with one ounce of postage attached and with your callsign in 3/4" letters in top left hand corner where the return address label would go. If you expect a large quantity of foreign QSL cards, attach extra money or postage with a paper clip; do NOT affix extra postage to envelope. Send the envelopes to the QSL bureau for your callsign area. If your callsign is xx3xxx/5, you would send it to the 3rd call area, NOT the 5th call area. Addresses for QSL bureaus are listed in QST and on the ARRL e-mail server (see below); if you don't have access to a QST magazine, ask another ham. IMPORTANT: BE PATIENT! Turnaround time for a US QSL bureau, not considering foreign QSL bureaus, is about 3 months. Foreign QSL bureaus and hams can be as fast as 2 months or as slow as TEN YEARS, while average is about 6-12 months.

Addresses for the US incoming and outgoing QSL Bureaus are available from the ARRL e-mail server in the files called "QSL-IN" and "QSL-OUT". See the question above

** Are there any news groups for CAP?
There is no news group just for Civil Air Patrol discussions. However,

rec.aviation.misc is appropriate for CAP aviation discussions and for CAP radio information, these rec.radio.amateur.* groups are available. CAP-related files are also stored on the FTP site sunburn.cps.udayton.edu in pub/capital.

** What's the name of the QRP club that issues QRP numbers?
QRP Amateur Radio Club International, c/o Bill Harding K4AHK, 10923 Carters Oak Way, Burke, VA 22015.

See also the file QRP-ADDRESSES on the ARRL e-mail server.

** How do I become a 10-10 member?
10-10 is simply an organization to sponsor the use of the 10 meter band. It was first conceived when propagation was poor on 10 meters, as a method to get more hams to use 10 meters. The past few years have been great for 10 meters worldwide. However, "the bands are closing down" again, and 10 meters will once again be limited more for local communications, except for sporadic band openings, until the next sunspot cycle.

To join 10-10, work ten 10-10 members and LOG each 10-10 number, call sign, operator's name and location. Send the list to your numeric call sign or DX area manager (as shown below), with $5.00 U.S. new membership registration fee ($6.00 for foreign addresses).

10-10 International Area Managers:
USA 1 - Al Kaiser N1API, 194 Glen Hills Rd, Meriden, CT 06450
USA 2 - Larry Berger WA2SUH, 9 Nancy Blvd, Merrick, NY 11566
USA 3 - Chester Gardner N3GZE, 9028 Overhill Dr, Ellicott Cty,MD 21042
USA 4 - KY, TN, FL, VA, NC, SC only
Rick Roberts N4KCC, 7106 Ridgestone Dr,Ooltewah, TN 37363
USA 4 - GA, AL, Puerto Rico only
Jim Beswick W4YHF, 112 Owl Town Farm, Ellijay, GA 30540
USA 5 - Grace Dunlap K5MRU,* Box 445, LaFeria, TX 78559
*summer addr Jun-Oct Box 13, Rand, CO 80473
USA 6 - Dick Rauschler W6ANK, 4371 Cambria St, Fremont, CA 94538
USA 7 - Willie Madison WB7VZI, 10512 W Butler Dr, Peoria, AZ 85345
USA 8 - John Hugentober N8FU, 4441 Andreas Ave, Cincinatti, OH 45211
USA 9 - Jim Williams N9HHU, 240 Park Rd, Creve Coeur, IL 61611
USA 0 - Debbie Peterson KF0NV, RR 1 Box 35, Duncombe, IA 50532
All DX- Carol Hugentober K8DHK,4441 Andreas Ave, Cincinatti, OH 45211

For more info, see the file 10-10-INFO on the ARRL e-mail server.

** How do I join MARS?
To join MARS, you have to be 14 years or older (parental consent required under age 17), be a US citizen or resident alien, possess a valid Amateur Radio license, possess a station capable of operating on MARS HF frequencies, and be able to operate the minimum amount of time for each quarter (12 hours for Army and Air Force; 18 hours for Navy-Marines). Novices must upgrade to Technician within 6 months, else be dropped from MARS. No-Code Techs can apply, provided

they have transmit and receive HF capability for MARS frequencies (they don't need transmit capability for Amateur HF frequencies). For application forms contact:

Chief, Air Force MARS
HQ AFC4A/SYXR
203 W. Losey St. Room 1020
Scott AFB, IL 62225-5219
(618)256-5552 Fax: (618) 256-5126

Chief, US Army MARS
HQ USA Information Systems Command
ATTN: ASOP-HF
Ft. Huachuca, AZ 85613-5000
800-633-1128

Chief, Navy-Marine Corps MARS
Naval Communication Unit
Washington, DC 20397-5161

** How do I join RACES?
Contact your nearest Civil Defense or Emergency Management Agency. The Radio Amateur Civil Emergency Service is a part of a municipal, county, or state government. This does not mean, however, that every such government has a RACES program. If your government does not have a RACES, ask them to refer you to the nearest jurisdiction that does have a RACES program.

** What organizations are available to help handicapped hams?
Courage Center
Handihams
2915 Golden Valley Rd
Golden Valley, MN 55422
(612) 520-0515
ARRL has a Handihams information package (get it by requesting it through 2155052@mcimail.com) and a book called "The ARRL Plan for the Disabled", available at no charge from the ARRL Regulatory Information Branch.

** I am looking for a specific ham, can anyone help me find him?
Rather than sending out a message on Usenet, you might first try the "Radio Amateurs on Usenet" listings, maintained and posted by Mark Salyzyn VE6MGS. The articles can be found monthly on rec.radio.info and rec.radio.amateur.misc. If the copy in your news spool has expired for some reason, you can look up an entry in the list by sending an e-mail to reqnet@ve6mgs.ampr.ab.ca with either of the following commands in the body of the message:
lookup keyword keyword keyword ...
return user@machine.subdomain.domain
(Fill in the proper info for the search keyword or e-mail address.)
An automated server program will reply to your message.

If you have his/her callsign or name, you should also try one of the on-line callservers shown above. This works in most cases. (!!!)

Also try directory assistance from the phone company or the locator service provided by the Salvation Army. A Salvation Army post in your local area may be able to help you. Also, the Quarter-Century Wireless Assn maintains a collection of callbooks going back to "the beginning of time". Their address is: 1409 Cooper Drive, Irving, TX 75061. Also, the Callbook has a dial-in line for accessing new ham callsigns. Try (1-708-234-8011) at 2400 baud.

** Can I post my neat new ham related program on rec.radio.amateur.misc?
This is really not a good idea, since many of the readers receive these newsgroups as mail digests. Posting is also a one-shot thing. If you post and someone missed it, it is gone. A better way would be to announce the existence of your program here, along with information on how to obtain a copy of your program. You can also submit it to one of the FTP archive sites, which will allow the world to access it without you having to mail it to each requestor. If you just GOTTA post it somewhere, post it to more appropriate groups, like comp.sources.unix or alt.sources or comp.binaries.ibm.pc.

** Where can I get ham radio software for my computer?
See the information about Anonymous FTP, e-mail servers, and ham-related telephone BBS's above. For PC-clones, see the KA6ETB HAM-server. For Macintosh computers, see the file SOFTWARE-MAC on the ARRL e-mail server for locations to look.

** Are there Dialup News services or BBSs for Amateur Radio?
There are two major news services for ham radio. Both are run by volunteer hams and provide bulletins of specific interest to amateurs, hence they are perfectly legal to rebroadcast on ham bands according to FCC Regulation 97.111B(6). To lessen the load on the dialup lines, consider getting your local repeater operator to rebroadcast it, or tape record it to play at your favorite HF net.

RAIN (Radio Amateur Information Network) is produced by Hap Holly, KC9RP, located in Illinois. The news is typically updated 8am CST Fridays. Phone numbers are 1-708-299-INFO (299-4636) and 1-708-827-RAIN (827-7246).

NEWSLINE is another, produced by Bill Pasternak, WA6ITF. Donations for NEWSLINE are accepted at Newsline Support Fund, c/o Dr. Norm Chalfin K6PGX, Pasadena, CA 91102. Phone numbers are:
Chicago 1-708-289-0423
N.Florida 1-407-259-4479
West Palm Beach 1-407-965-1234
Los Angeles 1-805-296-2407 (Instant Update Line)
Los Angeles 1-213-462-0008
NYC 1-718-353-2801
Ohio 1-513-275-9991
Seattle 1-206-368-3969

** Where can I find VE sessions in my local area?
VE sessions are often announced in the local newspapers, but more often, they are announced by local radio bulletin boards. The local packet BBS will most likely have a monthly updated schedule for VE sessions. ARRL or W5YI can generally be called and asked for local VE sessions as well. Don't forget that you will need the following when you go in for an upgrade: a copy of your current Amateur license; your original Amateur license; any CSCEs (duplicate not required), if applicable and less than a year old; a picture ID, preferably a driver's license, passport or visa; and the VE test fee (approximately $5 right now).

Bart Jahnke, KB9NM, the ARRL VEC Manager (bjahnke@arrl.org) posts a listing of VE exams indexed by state (and some overseas sites, usually at embassies and military bases) to the net every 6 weeks or so. The same list can be obtained from the ARRL e-mail server under the file EXAM-SCHEDULE. Another file of interest is EXAM-INFO.

The ARRL list is the definitive list for ARRL VEC sessions. There are other smaller VECs around the USA. ARRL includes their schedules when the info is available. The other VECs phone numbers are listed with the ARRL info so you may wish to give them a call to check their schedule if they didn't provide it to ARRL.

** Why isn't XXX available electronically?
This is a theme for a lot of common questions. For the "XXX" above, substitute any of the following:
Callbooks
DX QSL Lists
Radio station lists
various publications
and more...

Except for the Callbook (via callsign servers), these are not available because of any of several reasons. Either there are copyright restrictions, royalty fees, or the source just may not have done the work. Also, not everyone that has information has reliable UseNet access.

** I'd like to volunteer to help ham radio through electronic information services like those mentioned in this FAQ list. Where should I start?
This FAQ would not be complete without a reminder that useful resources on the net do not grow on trees, they are the work of many dedicated volunteers. The rec.radio.amateur.* newsgroups are very fortunate to have quite a number of such volunteers providing everything from FAQ lists to telnettable callsign servers. This doesn't mean, however, that there isn't room for more information and services from additional volunteers. One such service would be more detailed FAQ lists for the recently--created special-interest rec.radio.amateur.* newsgroups (such as those for antennas, homebrew electronics, equipment and ham radio in space) to supplement this general FAQ.

Recently an electronic mailing list for amateur radio FAQ maintainers, archive custodians, service providers, and other volunteers was set up. It is the rec.radio.amateur.* Working Group (rra-wg). Anyone with a sincere interest is welcome to subscribe by sending E-mail to rra-wg-request@amdahl.com. The readers of that forum would be more than happy to provide advice and guidance with regard to an existing information project, or even suggest a new one to fill a currently-unmet need.

706. rec.radio.amateur.misc Frequently Asked Questions (Part 3 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:13:29 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-3-790755122@oes.amdahl.com>
Source record: 253403
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

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Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part3
Revision: 1.3 10/16/94 03:00:01

Rec.radio.amateur.misc Frequently Asked Questions
Part 3 - Amateur Radio Advanced and Technical Questions
------------------------------------------------------------------------------

Questions discussed in Part 3: (dates indicate last modification)
** What are the different US amateur classes and what can each of them do?
(pre-4/92)
** What is the best way to learn Morse Code? (10/92)
** What is the standard for measuring Morse code speed? (pre-4/92)
** What is the standard phonetic alphabet? (10/94)
** I'm confused. What do all those abbreviations mean??? (6/93)
** What do all those "tones" mean? (pre-4/92)
** Where can I learn more about Amateur Radio if I live outside the US?
(9/93)
** How can I get a "reciprocal license" if I am a licensed ham from another
country or if I am a FCC licensed ham who wants to operate in another
country (on vacation)? (9/93)
** My apartment or housing complex does not allow outdoor antennas, now what
do I do? (9/93)
** I got TVI...HELP!!! (9/93)
** On what frequencies do JPL and GSFC retransmit the shuttle audio?
(10/92)
** Can I take my HT on an airplane and operate it if I get the permission
of the captain? (4/92)
** How do I modify my current Amateur license? (9/93)
** I'm confused about XXX, should I ask the FCC? (9/93)
** Is there any information on antique radios? (pre-4/92)
** Where can I buy vacuum tubes? (9/93)
** What do I need to get started in packet radio? (9/93)
** What do I need to get started in satellite communications? (9/93)
** What is available to get started in ATV, SSTV and WEFAX? (9/93)
** What are these contests I sometimes hear, and how do I participate? (9/93)

--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 3--

** What are the different US amateur classes and what can each of them do?
Novice - has CW (Morse code) privileges on 4 HF bands (80, 40, 15,
and 10 meter), Voice privileges on 10 meters, and privileges
on 2 VHF/UHF bands (220 MHz and 1290 MHz).
Required are 5 wpm Morse code test and 30-question Novice test.
```

Technician - has full privileges on all VHF/UHF bands above 30 MHz.
Required are Novice test and 25-question Tech test.
Technician may access Novice HF bands by passing the 5 wpm Morse
code test.
General - has all Technician privileges, plus larger access to more
HF bands, including CW and Voice on 160, 80, 40, 30, 20, 17, 15,
12, and 10 meter bands. A General class amateur can give Novice
tests.
Required are 13 wpm Morse code test, Novice, Tech and 25-question
General test.
Advanced - has all General privileges, plus wider band access on 80,
40, 20, and 15 meter bands. An Advanced class amateur can
also become a VE and give tests to Novice and Tech tests.
Required are 13 wpm Morse code test, Novice, Tech, General and
50-question Advanced test. The Advanced test is the most difficult
of the five written tests.
Amateur Extra - has full privileges on all amateur bands. An Extra
can become a VE and give all amateur tests.
Required are 20 wpm Morse code test, Novice, Tech, General,
Advanced and 40-question Extra test.

** What is the best way to learn Morse Code?
This is becoming an increasingly common question as many "no-code"
Technicians realize they can add more privileges to their license if
they learn Morse Code. The following list of suggestions should
be helpful in finding ways to approach the effort.

* Listen to code at a rate faster than you can copy.
* Participate in Novice-Roundup and/or Field Day. Practice whenever
you get the chance!
* Avoid the "deciphering" plateau around 5 WPM and and character
plateau at 10 WPM by listening to the fast Farnsworth-paced
"beat" of each letter and the "beat" of common words. (See the
question on Morse code speed for more information on Farnsworth
pacing.)
* Practice to develop a "copy buffer" so you copy about 5 characters
behind. (This is not easy but it's how the higher speeds are done.)
* Practice both with headphones and "open-air" copy as the code test
may be in either format. (If you only practice one, you may fumble
on the other.)
* Most of all, don't give up! Recognize when you reach plateaus
and keep trying until you break through them.

** What is the standard for measuring Morse code speed?
The word PARIS was chosen as the standard length for CW code speed.
Each dit counts for one count, each dash counts for three counts,
intra-character spacing is one count, inter-character spacing is three
counts and inter-word spacing is seven counts, so the word PARIS is
exactly 50 counts:

```
PPPPPPPPPPPPP AAAAA RRRRRRRRR IIIII SSSSSSSSS
. - - . . - . - . . . . . .
1 1 3 1 3 1 1 3 1 1 3 3 1 1 3 1 1 3 1 1 1 3 1 1 1 1 1 7 = 50
^ ^ ^
^Intra-character ^Inter-character Inter-word^
```

So 5 words-per-minute = 250 counts-per-minute / 50 counts-per-word or one count every 240 milliseconds. 13 words-per-minute is one count every ~92.3 milliseconds. This method of sending code is sometimes called "Slow Code", because at 5 wpm it sounds VERY SLOW.

The "Farnsworth" method is accomplished by sending the dits and dashes and intra-character spacing at a higher speed, then increasing the inter-character and inter-word spacing to slow the sending speed down to the desired speed. For example, to send at 5 wpm with 13 wpm characters in Farnsworth method, the dits and intra-character spacing would be 92.3 milliseconds, the dash would be 276.9 milliseconds, the inter-character spacing would be 1.443 seconds and inter-word spacing would be 3.367 seconds.

** What is the standard phonetic alphabet?
Though no standard phonetics are required on amateur radio, good operating procedures include using the standard phonetic alphabet to help communicate more clearly. The recommended phonetics are those also in use by aviation (internationally by ICAO treaty) and some militaries (in most English-speaking countries.)
alfa bravo charlie delta echo foxtrot golf hotel india juliet kilo lima mike november oscar papa quebec romeo sierra tango uniform victor whiskey x-ray yankee zulu

The numbers are spelled differently to suggest a particular pronunciation. Also, nine was changed to "niner" to avoid confusion with the German word "nein" for "no", though that change is not commonly used by Hams. (Usually you'll only hear "niner" from Hams who are also pilots.)
zero one two tree fower fife six seven eight niner

When first making contact with another Ham, it is a good idea to say callsigns in phonetics to give the other side a better chance of understanding them correctly.

See also: http://aviation.jsc.nasa.gov/alphabet.html

** I'm confused. What do all those abbreviations mean???
AM Amplitude Modulation
AMSAT Amateur Satellite Corporation [see rec.radio.amateur.space]
AMTOR Amateur Teleprinter Over Radio. A more sophisticated version of RTTY. Also used commercially as SITOR (Simplex Teleprinter Over Radio). [see rec.radio.amateur.digital.misc]
ARRL American Radio Relay League
ATV Amateur Television - a way to see who you're talking to!
CAP Civil Air Patrol is a volunteer organization that searches for downed aircraft and missing kids and uses frequencies just

outside of the ham bands and often uses modified Amateur radios
CB Citizen's Band radio, this is NOT part of Amateur Radio and
does not require any license to operate [see rec.radio.cb]
CQ An on-the-air request for a conversation with anyone
"dupes" A dupe sheet is a duplicate check sheet, in matrix format, used
to quickly check that you have not had a "duplicate" contact
with someone (on a specific band or mode) in a contest
Elmer An amateur radio mentor, or "Master Craftsman" to a new ham.
Could refer to anyone, regardless of age or gender.
FCC Federal Communications Commission, the "law enforcers"
FM Frequency Modulation
FieldDay A June activity to practice emergency communications for
24 hours....wives call it 'an exercise in male bonding' :-).
HF High Frequency - 3 MHz to 30 MHz
HT Handy-Talky, a shorthand for "hand held radio"
LF Low Frequency - 30 kHz to 3 MHz
MARS Military Affiliate Radio System, military affiliated Amateurs
who provide free communications for overseas GIs and other
Federal services. MARS operators are licensed under DoD
instead of FCC.
NTS National Traffic System, a way to send radiograms
OF Old Friend, or Old F#$%, used to denote an older ham
OM Old Man, refers to any ham, including female hams
packet computer bulletin boards/electronic mail via Amateur Radio
[see rec.radio.amateur.digital.misc]
PRB Private Radio Bureau, administers Amateur and CB services
QSO One of the Q signals used in Morse code to mean "conversation"
QCWA Quarter Century Wireless Association, membership means you've
been a ham for more than 25 years
RTTY Radio Teletype - older form of computer communications on HF
[see rec.radio.amateur.digital.misc]
SAREX In Amateur Radio talk, Shuttle Amateur Radio EXperiment, a
chance to talk to astronauts in space. In CAP talk, Search
and Rescue EXercise, practicing for the real thing.
[see rec.radio.amateur.space]
SK Silent Key, a nice polite way to say a ham has passed on "to
that great antenna farm in the sky"
SSB Single Side Band - need less band width than AM or FM
SSTV Slow Scan TeleVision - REALLY slow, low data rate, typically
used on the lower frequency bands
SWL shortwave listening [see rec.radio.shortwave]
UHF Ultra High Frequency - 300 MHz and above
ULF Ultra Low Frequency - 30 Hz to 300 Hz
VHF Very High Frequency - 30 MHz to 300 MHz
VLF Very Low Frequency - 300 Hz to 30 kHz, audio frequencies
WARC World Administrative Radio Conference, a summit meeting that
occurs every few years, required by international treaty to
determine how the spectrum get sliced up to all vying
communications services (last one was in 1992)
XYL eX-Young Lady, or wife

YL Young Lady, non-ham girlfriend or female ham
2m Shorthand for "2 meters" (144-147.995 MHz), which is a reference to the wavelength of a common Amateur frequency band used for local communications

** What do all those "tones" mean?
Sub-Audible Tone: A low tone that you're not supposed to be able to hear. It's used as a "PL Tone." PL is "Private Line", a trademark of Motorola for their implementation of CTCSS (Continuous Tone Coded Squelch System). Basically, the transmitter sends the signal with the Sub-Audible tone and the receiver only opens when it hears signals with that tone. Signals without the proper tone are ignored. This is useful for "closed" repeaters, or for repeaters on the same frequency that have overlapping geographic areas.
Tone encode refers to the feature of providing the tone on transmit. Tone decode refers to the feature of responding to the tone on receive. Tone squelch refers to all of the above. DTMF refers to Dual Tone Multi-Frequency, or "Touch Tone" which is a trademark of AT&T. DTSS probably means Dual Tone Squelch System and refers to the feature of providing a predefined sequence of Touch Tone digits to open the repeater for transmit. DTSS is an alternate method from CTCSS, which provides a way to use a "closed" repeater even if your radio doesn't do Sub-Audible Tones.

** Where can I learn more about Amateur Radio if I live outside the US?
First, check if there is a Ham Radio-related newsgroup specific to your country. See the country-specific newsgroups in "the rec.radio.* newsgroups" in Part II of this FAQ.

Also, write to the ARRL and ask. They can usually tell you how to get a license in your country. See also the ARRL e-mail server. (Details are in Part 2.)

If you know of any location where this information is available electronically, whether by an e-mail server, anonymous FTP, or a contact person, please mail it to us so we can include it here. Send it to hamradio-faq@amdahl.com.

** How can I get a "reciprocal license" if I am a licensed ham from another country or if I am a FCC licensed ham who wants to operate in another country (on vacation)?
Editor's note (11/92): the regulations affecting this question are being changed. Contact your local Volunteer Examiner (VE) and ask about a VE 60-day pass. More details will be included in future revisions of the FAQ.

This paragraph is soon to be obsolete:

You need to submit a FCC Form 610-A to the FCC, PO Box 1020, Gettysburg, PA 17326. They will then send you a reciprocal permit for alien amateur licensee (FCC Form 610-AL). You must be a citizen of a country with which the United States has arrangements to grant

reciprocal operating permits to visiting alien Amateur operators.

This information is still current:

For FCC licensed hams operating abroad, the following guidelines
apply:
* A reciprocal license is required in all foreign countries (that have
a reciprocal operating agreement with the US), except Canada, where
the FCC license is automatically valid.
* Send a SASE to ARRL Regulatory Information Branch, telling them
which country you are going to visit and they will send you the
info and an application form. Foreign hams can likewise request
information from their national Amateur radio society.
* Submit your application with a certified copy of your Amateur
license (ie, notarized copy), and fee if applicable (use a bank draft
of a bank that does business in that country) to the appropriate
licensing administration of the foreign country. Processing may
take 30 to 90 days.
* If less than one month, you could try sending the application and
pick up the permit upon arrival in that country.
* Most countries will not allow you to bring communications equipment
into their country without a license or permit. If you applied, but
haven't received the permit yet, show the copy and your FCC license
to the customs officer, however, the equipment may still be held at
customs until your departure.
* Be sure to use only those frequencies covered by your FCC license
which are also used in the foreign country, unless otherwise
authorized.

See also the file RECIP-OP on the ARRL e-mail server. (See Part 2.)

** My apartment or housing complex does not allow outdoor antennas, now what
do I do?
[see also rec.radio.amateur.antenna]
First of all, don't despair. Many hams have similar problems. Many
books offer advice for the growing group of hams that cannot put up
antennas. Some options are:
* Install an "invisible" antenna made of magnet wire.
* Disguise an antenna as a flag pole.
* Install an antenna in the attic.
* ASK the apartment manager. You may find they will let you put up
something as long as it "is invisible" or "doesn't disturb your
neighbors" or "doesn't attract lightning".
* Operate primarily from your car.
* If the restriction is due to local ordinance, you may have relief
via PRB-1. Meet with the local government and seek an informal
compromise. It is possible to win in court...but it's expensive and
time consuming.
* If you are restricted by "covenants" attached to the deed of your
home, your options are severely limited. Covenants are considered
to be private, voluntary contracts between individuals and are

outside of the intended application of PRB-1. In many cases, you
can petition the Homeowner's Association for an exception. Sometimes
you can win in court on the basis that other violations of the
covenants by others without action taken constitutes abandonment
of the agreement.
* For further information, contact the General Consel's office of the
ARRL, 225 Main St, Newington, CT 06111.

See also the file ANTS-INDOOR on the ARRL e-mail server.

** I got TVI...HELP!!!
Here's some hints on Television interference, but this is not a
complete list. There are also books on the subject available from
ARRL.
* If cable TV is an underground feed, look for central distribution
box. Check for a grounding rod.
* Try installing torroids on the cable TV cable close to the TV, and
maybe torroids on the AC cord as well.
* VCRs are notorious for RF leakers, try disconnecting the VCR.
* Check to see if interference is better or worse when cable is
disconnected and you use rabbit ears instead. It could be the
cable company's problem!
* Calling the cable company may get results, since they are also
responsible for RF leakage from their equipment. However, they
are very often obstinate. Good luck! Try some or all of these
suggestions before calling the cable company:
1. Log the interference, noting geographical location, frequency,
and characteristics.
2. Bring it to the cable company's attention in writing, preferably
addressed to "Chief Engineer", or "Technical Staff".
3. Don't be accusatory, instead ask for assistance in resolving
the problem. Try to work it out with someone technically
knowledgeable.
4. Do mention your "licensed radio system", but try not to be too
specific about "ham" or "CB" unless requested.
* Try moving the radio antenna further away from the TV sets. Make
sure the SWR is LOW.

See also the series of files on the ARRL e-mail server on various
aspects of electromagnetic interference. The filenames start with
"EMI-" like EMI-CATVI (cable TV), EMI-GEN (general notes on EMI),
EMI-AUDIO (interference to audio devices), etc.

** On what frequencies do JPL and GSFC retransmit the shuttle audio?
[see also rec.radio.amateur.space]
Station VHF 10m 15m 20m 40m 80m Video
WA3NAN 147.45 28.650 21.395 14.295 7.185 3.860
W6VIO 224.04 21.280 14.282 7.165
K6MF 145.585 7.165 3.840
W5RRR 146.64 28.495 21.350 14.280 7.227 3.850
W6FXN (temporarily out of service - looking for new frequency)

KA9SZX 146.88 426.25
K4GCC 146.94
WA4VME 145.17
W6TRW 145.32

All frequencies are in MHz. Use FM on VHF, USB on 10-20m, LSB on
40-80m.
WA3NAN - NASA Goddard Space Flight Center (GSFC), Greenbelt, MD
W6VIO - NASA Jet Propulsion Laboratory (JPL), Pasadena, CA
K6MF - NASA Ames Research Center (ARC), Moffett Field, CA
W5RRR - NASA Johnson Space Center, Houston, TX
W6FXN - Los Angeles, CA
KA9SZX - Champaign-Urbana, IL
K4GCC - Titusville, FL (near or at Kennedy Space Center)
WA4VME - Melbourne, FL (near or at Kennedy Space Center)
W6TRW - TRW ARC, Redondo Beach, CA (shuttle audio may be overridden
by repeater usage)

** Can I take my HT on an airplane and operate it if I get the permission
of the captain?
Technically, maybe. But don't count on it. In general, you can't use
a radio or scanner on an airline (or charter) *unless* the airline
allows it and the pilot-in-command (PIC) determines that it will not
interfere with the instruments and radios on that specific aircraft.
Very few US airlines allow passengers to use radios so be ready to
disconnect the antenna when you ask. (Don't even ask to transmit.)
For reference (in the US) the pertinent portion of the Federal Aviation
Regulations (FARs) is Part 91, paragraph 91.21.

Due to airport security, you may have a little difficulty carrying the
HT (or any electronic equipment) onto the airplane. Generally, you
can appease the security guards, simply by showing that the unit is
operational and doesn't have a bomb inside. For a radio, just turning
it on and opening the squelch satisfies them. Expect more difficulty
during periods of increased security.

On a private airplane, it is legal to operate an amateur radio if you
have the permission of the PIC. It is still possible for the radio to
interfere with the plane's navigation or communication equipment, so
be sure to ask first. Always obey the requests of the PIC. He knows
his airplane and radios better than you do.

** How do I modify my current Amateur license?
To modify your license (change of address, change of station location,
change of name, renewal, or even change of callsign), submit an FCC
Form 610 to the FCC. Forms are available from the FCC or ARRL or a
local VE session or ham radio store. Do NOT use a photocopy. Check
off the appropriate boxes, fill in the new/changed information, SIGN
THE FORM, and attach a copy of your current license (or a brief letter
of explanation for its absence, ie, "my dog ate it"). NOTE: If you
check the box to change your callsign, YOU WILL GET A NEW CALLSIGN,
even if all you wanted was to supply a new address; if you want to keep

your callsign, DON'T CHECK THAT BOX. Send the form to FCC, POB 1020, Gettysburg, PA 17326. Turnaround time (for CURRENT licensees only) is about 2-4 weeks.

ANY ham can apply for a new callsign (this is different from the past where you can only get a new callsign if you move or upgrade). You can't specify WHICH ONE you want, a new one comes from the same pool as new licensees for that class of license. The callsign is based on your mailing address. For overseas military and civilians, be sure to specify a station location that is within FCC jurisdiction.

New licenses are for 10-year terms. If you apply for renewal before its expiration date, the expired license is valid for 60 days after expiration to allow for the new license to arrive. You have up to 2 years after expiration (5 years for an old 5-year license) to renew before re-examination is required (but you can't operate with an expired license). You will lose your current callsign after 1 year after expiration if you don't renew.

For more information on FCC Form 610, see the file FCC-610-INFO on the ARRL e-mail server. (See Part 2 for details.)

** I'm confused about XXX, should I ask the FCC?
[see also rec.radio.amateur.policy]
Whatever "XXX" is in this case, the overwhelming ARRL and net opinion is a resounding "NO!", at least not as a first step. Amateurs are generally very law-abiding people and have historically written the FCC asking for clarification on some operating practice or another. This is a very dangerous practice, for several reasons.

Most amateur radio regulations (contained in Part 97) are generally very loosely-worded, so as not to restrict experimentation and new techniques. But asking the FCC for a clarification will set in motion the process of "clarifying" it for everyone (i.e. new rulemaking.)

Examples of such restrictive rulings include varying topics like when Hams can help non-profit agencies or effectively forcing packet BBS sysops to screen messages before forwarding them. They were the result of well-intentioned questions by Hams that forced the FCC to make a ruling where they previously allowed the amateur radio community to police itself.

Under all circumstances, it is better to first read the rules yourself. Then, if there's a problem, ask your national amateur radio organization (such as the ARRL in the US) which can give qualified advice about interpretation of FCC regulations. Organizations like the ARRL also have the influence to ask the FCC informally, without forcing a ruling.

Even if asking the FCC doesn't result in a restrictive ruling, it is generally a good idea to not overburden an under-staffed and under-funded government agency with a lot of correspondence. The Amateur Radio Service has traditionally been a low-workload "hands-off" service, and has enjoyed a wide latitude from the FCC. Please don't

ruin this image for your fellow amateurs.

For more discussion on how and when to contact the FCC, see the file FCC-CONTACTING on the ARRL e-mail server. (See Part 2 for details.)

** Is there any information on antique radios?
Antique radio classifieds: ARC, PO Box 802-B6, Carlisle, MA 01741 - old radios, TVs, ham equipment, 40s and 50s radios, telegraph, books, etc.
Hallicrafter Service manuals: Ardco Electronics, PO Box 95, Dept Q, Berwyn, IL 60402
Antique Wireless Association, Bruce Kelley, W2ICE, Route 3, Holcomb, NY 14469 - sponsors the Wireless Museum

** Where can I buy vacuum tubes?
Kirby, 298 West Carmel Drive, Carmel, IN 46032 (1-317-843-2212)
Antique Electronic Supply, Box 1810, Tempe, AZ 85281 (1-602-894-9503)
Fair Radio Sales, Box 1105, Lima OH 45802
Fala Electronics, Box 1376-1 Milwaukee, WI 53201
Southern Radio Supply, 1909 Tulane Ave, New Orleans, LA 70112 (10504-524-2343)

See also the file VACUUM-TUBES on the ARRL e-mail server. (See Part 2)

** What do I need to get started in packet radio?
[see also rec.radio.amateur.digital.misc]
Packet radio is a digital form of communication using radios. There are OTHER digital forms, as well, like CW, RTTY and AMTOR. To use packet radio, you'll need a radio (2 meters and 70 centimeters are most popular), a box that converts radio signals to digital signals that a computer can understand (called a TNC or terminal node controller) and a computer or terminal. For some computers or TNCs you may need special software as well. However, most TNCs and computers get along quite well with just a terminal emulator software package. Most personal computers can be interfaced to use with packet radio. Since there are many digipeaters, generally even an HT will work with packet radio.

Your first source of information on Packet Radio should be the rec.radio.amateur.digital.misc newsgroup. It has its own regularly-posted FAQ that goes into much more depth on the subject than this one can. See also the mailing list and archives info in Part 2.

For more information on packet radio, you might try TAPR (Tucson Amateur Packet Radio), PO Box 12925, Tucson, AZ 85732 (602-749-9479).

See also the files PACKET-INTRO, PACKET-NEW, and PACKET-GLOSSARY on the ARRL e-mail server or the directory /hamradio/packet on the KA6ETB e-mail HAM-server. (See Part 2.)

** What do I need to get started in satellite communications?
[see also rec.radio.amateur.space]
For more information about Amateur Satellite Communications, try

AMSAT (Radio Amateur Satellite Corporation), PO Box 27, Washington, DC 20044 (301-589-6062). They also have an international net on Sundays on 14.282 MHz at 1900Z.

ARRL publishes a book on this subject: The Satellite Experimenter's Handbook. Ham Radio stores in your area may either have it or be able to order it. Or you can order it direct from ARRL.

See also the contents of the directory /hamradio/satelite on the KA6ETB e-mail HAM-server. The ARRL e-mail server has a bibliography on satellite materials in the file SATELLITES-B.

** What is available to get started in ATV, SSTV and WEFAX?
This is a large subject area in itself. Amateur Television (ATV), Slow-scan TV (SSTV), and Weather FAX (WEFAX) all deal with transmitted pictures. (ATV includes moving pictures and audio just like your household TV.)

Equipment is available to interface to most common microcomputers including PC clones, Amigas (which are prominent in most video applications anyway), Atari ST, and others. (At last check, we didn't see Macintosh on the list.) There are also a handful of publications on the subject.

All this information is available via FTP in the /pub/ham-radio directory at ftp.cs.buffalo.edu. (See Part 2 for more information on FTP.) The file called sstv_wefax_info is maintained by John Langner WB2OSZ (johnl@avs.com).

The ARRL e-mail server contains an introduction to SSTV in the file SSTV-INFO. (See Part 2 for more information on the ARRL e-mail server.) There is a bibliography of ATV articles from QST in the file TV-B. (See Part 2 for details.)

The KA6ETB e-mail HAM-server has files on SSTV and WEFAX in the directory /hamradio/sstvfax.

Another resource is the regularly-posted UseNet Elmers Directory. The list contains a volunteer Elmer who can help with ATV, SSTV, and WEFAX questions.

** What are these contests I sometimes hear, and how do I participate?
Dozens of contests are held each year, usually at weekends, and can provide useful operating experience. They typically last for 24 or 48 hrs, and are usually on SSB or CW only (the Russian CQ-Mir contest is on both modes at the same time). You can participate by making one QSO or several thousands. In most contests you send a signal report (traditionally 59 or 599) followed by a number that is different for different contests - the most common one is a serial number (so you send 599 001 for your first QSO, then 599 002 etc). The exchange may, however, be your age (All Asian contests), your CQ or ITU zone (CQWW and IARU contests, respectively), your state (ARRL contests) or something else. Read "Contest Corral" in QST for the rules for all

major contests - the more serious contester may wish to subscribe to the National Contest Journal, or join the e-mail contest mailing group (write to Trey, WN4KKN, at garlough@tgv.com). Knowing the rules can prevent embarrassment - you will get a cool reception if you are a W or VE and call a W/VE in the ARRL contests, since they can only work non-W/VE stations. Otherwise, QSOs made in contests are just as valid for DXCC (DX Century Club - more than 100 contacts), WAS (worked all states) and other awards as are 30-minute ragchews. Although not strictly a contest, the annual Field Day provides very useful operating experience under less than optimal conditions and is highly recommended for new operators - check with your local club for their Field Day plans some weeks before the (late June) event.

For more information on contests, the ARRL e-mail server has the following files: CONTESTS-93 (as of this writing, substitute current year), CONTEST-LOGS (for contest log formats), FORM-10M (10m contest entry form), FORM-VHF (VHF contest entry form), and others.

707. Info on ICOM 2340

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:28:23 UTC
From: Steve Pollmann <spollman@cts.com>
Message-ID: <D2snBC.3yp@crash.cts.com>
Source record: 253404

I am looking for information on how to increase the Rx range on
the ICOM 2340 Radio. Could someone please send me E-Mail with
how I can do this ? My E-Mail address is:
spollman@cts.com

Thanks...

708. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:29:38 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Jan22.062938.13365@grian.cps.altadena.ca.us>
Source record: 253406

On rec.radio.amateur.misc, js024b@uhura.cc.rochester.edu (Jonathan Schulman) posts:
> I received my tech license in 1990 and promptly got my driving license. The
> car I was driving was under my father's name so I was not able to get Ham
> Plates. However, we got them as vanity plates (had to pay more than for
> ham plates). Now I have my own car (under my own name), however my call
> sign is on another car. My father refuses to turn in those plates to the
> DMV so I can't use them. Does anybody have any ideas how I can get my
> call sign on my new car? Would the DMV issue the same plates if one is
> a Ham plate and one is a vanity plate? The state in question in NY.

The Calif. DMV has a plate swap form - maybe yours has the same. If
your situation happened here in CAlif. you could get regular plates for
your car, then take both cars to the DMV and pay something like $15 and
they would exchange them in the computer. You'd swap them on the cars
and the dirty deed is all done.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

709. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:34:32 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Jan22.063432.13646@grian.cps.altadena.ca.us>
Source record: 253407

galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:

>In article <3fh5mp$gbm@fohnix.metronet.com> copeland@fohnix.metronet.com (Charles Copeland) writes:
>>I just got my call sign today! Was issued on Friday 13th 8-\
>>Could use a easy to remember phrase for the last three letters.
>>Haven't had much luch yet. Long Winded Fool .... naaah :-(

>Like, Wow, Freaky

Likes Whiskey Frequently

Loves Women Frequently

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

710. Re: Need Words for abbrev KC5

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 06:44:09 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Jan22.064409.14127@grian.cps.altadena.ca.us>
Source record: 253408

brian.carling@acenet.com (Brian Carling) writes:

>CC>Haven't had much luch yet. Long Winded Fool .... naaah :-(

>Lessee.... Large-Waisted Fanatic.
>Likes Whiskey Fine.
>Loves Water Fine
>Listens While Flaming
>Looks While Firing.
>Leather Whip Fanatic.

>I'm sure you will get dozens of replies on this one.
>It's a LOT easier than trying to make phonetics for mine.
>AF4K
>brian.carling@acenet.com

Always Fingers 4 Keyboards ?

Another Flaming 4 Killowats

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

711. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 07:26:58 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3ft1c2$320o@blue.weeg.uiowa.edu>
Source record: 253412

If anyone feels the need for pepper spray, I suggest you
get it from K-Mart, Wal-Mart, Target, or some other
source that doesn't advertise on rec.radio.amateur.misc

NE0R

712. Re: AX.25 information

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 08:11:31 UTC
From: tgm@netcom.com
Message-ID: <tgmD2ss37.7Aw@netcom.com>
Source record: 253405

Robert Cain (Robert@forex.demon.co.uk) wrote:
: Can anyone point me to information on the AX.25 protocol?

I think the Linux operating system now supports AX.25 in the kernel.
The AX.25 code is based on Phil Karn's work modified by Alan Cox.
Take a look at the source code to the Linux kernel. Linux is a
freeware clone of the Unix operating system, available via FTP from
sunsite.unc.edu in /pub/Linux.

tgm@netcom.com KI4N

713. "no-code" bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 11:50:48 UTC
From: buddy.sohl@shivasys.com
Message-ID: <9501221150.0GN4X00@shivasys.com>
Source record: 253420

Ne> every ham has met and conquered. And being >united and of one mind is
Ne> important for amateur radio to survive. For me >CW is that common
Ne> unifying bond, because it has been around forever.
Ne> the "common ground" comment has been invalid since february 1991.

It may now be invalid but for us to just let tradition die because
the government changes regulation equates us to sheep who follow
wherever the shepherd leads. Ham operators have always been in
the forefront and should remain there. Without the solidarity of
something in common, we will become extinct.

Ne> radio is actually many hobbies, not one hobby...
Ne> HF, VHF, UHF
Ne> voice - AM, FM, SSB, PCM, etc.
Ne> code - morse, baudot, ascii, ax.25 etc.
Ne> building, operating, experimenting
Ne> qrp, qro...

I agree wih you here, but just as in Boy Scouts, Church groups,
etc, to become a member you must pass through an inital test or
comon bond. Morse will forever be that common bond for me, something
easy to relate to, and remove from a simple government testing process.

I have never met someone, who with a little effort and support could not
master the minimal requirements of morse.

BS KC4WQ

... Give a man a fish, fed for a day. Teach a man to fish, fed for life
___ Blue Wave/QWK v2.12

714. Finally an opportunity to

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 14:02:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.4575.545@acenet.com>
Source record: 253409

Newsgroups: rec.radio.amateur.misc

ROTFLL! STILL beating that dead hobby horse of yours eh?!
Give it a rest Don!

DS>There is a tremendous problem on HF that threatens amateur radio as a whole
DS>You see there is a station on 3.975 mhz and 14.275 mhz, that has decided
DS>to broadcast a message to the listening world. It is a simulcast of a loop
DS>tape.

DS>He plays an endless loop tape often from an unattended transmitter site.
DS>He has decided what he wants to do with this frequency is better for
DS>amateur radio than what we could do with the frequency. He plays a 45 minu

DS>tape every other hour.

DS>Recently, he was able to trick the FCC into giving him a clear frequency.
DS>He involved even the state department with his trickery and deciept. When
DS>they realized they had been tricked they rescinded there order immediately.

DS>have been informed that the matter created quite an embarassment for everyon
DS>involved.

DS>A lot of the guys have moved off of the frequencies rather than put up with
DS> this any longer. I can't move. You see if we don't fight Glenn Baxter
DS>on this it will pave the way for any one else who wants to do the same
DS>thing. Maybe many others will soon broadcast their hearts out all over
DS>amateur radio bands. Or even if Baxter wants to expand his coverage even
DS>more. I'm telling you this can destroy amateur radio.

DS>The real estate if you will of the amateur radio bands is a very valuable
DS>commodity. Some politicians would love to see amateur radio loose ground.
DS>This can very well escallate.

DS>The good news is we can stop this man. Not just I but all of
DS>us. Collectively we have a tremendous amount of leverage. If all of us
DS>mobilize we can force the FCC to make a ruling on the matter.

DS>We owe that to our hobby. Everyone here is currently, has been or will
DS>recieve something from amateur radio. We owe it to ourselves to preserve
DS>this hobby for the future.

DS>I have been told by a senior official with the FCC that now is the time to
DS>move and we should move by writing letters and getting petitions signed.

DS>K1MAN stepped in his own poop when he tricked the FCC and state department
DS>into allowing him to broadcast on the emergency channels. I have been
DS>told during my conversation with the FCC that they never intend to let

DS>that happen again. They are completely fed up with this lunatic.

DS>The ATTORNEY GENERAL in the state of Maine wants his head on a platter. She
DS>has recieved many of his fellony affadavidts. These are his generated forms
DS>that look threatening and very legal. However they have no value. The
DS>ATTORNEY GENERAL has told him to stop his illegal practice of using her
DS>office to intimidate law abiding amateur radio operators.

DS>Now is the time to move. We need everyone's help. We can squash this guy
DS>like a pesky mosquito if everyone will take 10 minutes and write three
DS>letters. One letter should go to your congresman. One letter to your
DS>senator. Finally send a letter to the FCC requesting a ruling on the matte

DS>Please, it only cost 32 cents for a stamp.

DS>Petitions can be passed out. Everyone that can read this can build a form
DS>to get out the word to the two meter and Hamfest community.

DS>The address to write at the FCC is :

DS>CID
DS>Compliance Information Division (use to be called the Wireless Telecom Div)
DS>attn: Magalie Salas
DS> cc: Rockie Patterson
DS>1917 M. Street
DS>Washington, D.C. 20554

DS>That's all it will take. But it will take that . It will take all of us
DS>collectively to get this done. It will not work if just one or two of us d
DS>it. All of us collectively must make an effort. If we mobilize we can
DS>absolutely get this man out of our lives and off of our radio.

DS>Please I ask you. Sit down and write your congressmen, senator and
DS>the FCC.

DS>Sincerely,

DS>Don Simpson

 SLMR 2.1a You ARE what you think about all day long!

715. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 15:16:39 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3ftssn$qnf@yrkpa.kias.com>
Source record: 253410

Jonathan Schulman (js024b@uhura.cc.rochester.edu) wrote:
: DMV so I can't use them. Does anybody have any ideas how I can get my
: call sign on my new car? Would the DMV issue the same plates if one is
: a Ham plate and one is a vanity plate? The state in question in NY.

: Jonathan Schulman University of Rochester
Your father doesn't have to turn in his old plates. Go to a car dealer
or tag service and tell them you want to change plates to a different car.Yo
You exchange plates and nothing has to be mailed in. Once plates are
RETURNED, that plate cannot be reissued. They fall into the same catagory
as a stolen plate. That ID is gone .
It seems to be a matter of convenience on you dads part. I sure wouldn't
want your plate on my car.

John K3NXU

716. Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 15:31:27 UTC
From: sjm8725@ucs.usl.edu
Message-ID: <3fttof$qtn@rouge.usl.edu>
Source record: 253411

I am in the process of building remote receivers for a cross-band linked repeater system. Can anyone point to a regulation that indicates the ID must be audible to the human ear ? I see the reg that states that speech must not impact the ability to copy, but it doesn't seem to require copy by ear (like they do for the code exams).

As a side bar, this system uses the same link freq for all remote receivers. The user will select the desired receiver via its freq and PL combination. SO the system has no voter and random IDing of links will impact performance, so the desire is to ID every transmission with a sub-audible ID.

... Tnxs for your input ... Steve

717. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 15:49:06 UTC
From: bob@texas.net
Message-ID: <3ftupi$plu@cactus.texas.net>
Source record: 253375
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <NEWTNews.18260.790755434.amsoft@amsoft.epix.net>, AMSOFT@EPIX.NET says:
>
>
>The Jan 95 "[deleted]" CD-ROM newsletter is now
>available. This CD-ROM offers more ham programs than any of the
>others out there! blah blah blah bullcrap

/\/\/\/\/\/\/\ Chainsaw inserted here /\/\/\/\/\/\/\/\/\/\

I, for one, do not wish to see the internet become a medium which
presents a non-hostile environment for those who wish to use it to
spew forth electronic junk mail. Many other would-be advertisers
have had their mailers crashed by angry replies to such electronic
fecal matter. I wish the same on the hoseheads at AMSOFT.

Bob | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

718. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 16:49:47 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan22.164947.4079@ke4zv.atl.ga.us>
Source record: 253413

In article <3fh8og$341@mrnews.mro.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:
>In article <1995Jan16.151814.9208@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
>>In article <027709GCBMNHDMTGIPDU@ccsnet.com> fisherb@ccsnet.com writes:
>> > WHAT IS C W
>>
>> There are several such used, though you probably have a character encoding
>> using the International Morse Code in mind.
>
>Morse code was the first, and is pretty much the only code which has
>traditionally been known as "CW", correct or not.

I'll pass over whether Continous Wave equals the International Morse Code. It doesn't in a technical sense, but in the popular amateur imagination it does. However, American Morse encoding was first, though it's rarely used on the air today. Baudot encoding was also sent using on/off keying rather than FSK at first, though that isn't much used today either because FSK is better than on/off keying under noisy or fading conditions. Coherent FSK is even better, but that hasn't caught on much with amateurs yet. (All of that is still Continous Wave, of course.)

>> > * It is a unique,intimate,concise and effective communications skill still
>> > employed throughout the world.
>>
>> Unique? Well yes, in the sense that any alphabetic encoding can be considered
>> unique from any other. Otherwise you couldn't tell them apart.
>
>Unique in its ability to be sent by a person with transmitter and a switch.
>No computer, keyboard, teletype, or video terminal required. Unique in that
>it can be translated directly, without machine intervention other than the
>obvious receiver.

The same could be said for any encoding that uses a series of on/off pulses, *if sent slowly enough*. As I mentioned previously, some people can recognize Baudot characters by ear a 60 WPM, and if the speed were low enough, anyone could decode Baudot by ear with a similar amount of effort as is required to decode Morse at a similar speed. Sendng slow Baudot, or ASCII for that matter, by hand with a switch is possible. Of course, machines do it faster and better, as they do with the International Morse Code for that mattter. And indeed, voice transmission also requires simple equipment (the receiver is simpler, requiring only an envelope detector, though the transmitter is slightly more complex), and is recognizable by more people than any other method.

>> Intimate? I think sterile would be a more descriptive word,
>
>Intimate in the sense that it's within you. It's personal. YOU send. YOU
>receive. No complex processing occurs between sending key and receiving ear.

Same could be said for voice, or manually sent and received slow Baudot
or ASCII. Voice in particular could be called intimate because of the
emotional overtones it conveys, which sterile character encodings do
not. The complex processing occurs between the ear and the centers of
the brain devoted to drawing meaning out of the noises in any case,
regardless of the input forms. It's the wetware modem that holds the
most complexity, regardless of the encoding used.

>> Concise? I think not. Lets take the word "world". The smallest time unit of
>> Morse is the dit. There are 55 such elements in the word "world"
>
>Concise in its simplicity vs its utility. A radio, a key, and your hand;
>communicate with the other side of the Earth.

So do a radio and a microphone, and without the tedious wetware conditioning
required for slow International Morse decoding. In all cases, communications
requires complexity. Where to partition the complexity, in hardware or wetware,
is a choice we all make. Hardware complexity is cheaper today in time, and
often in dollars, than is wetware complexity. It's often faster and more
error free as well.

>> Effective? Well yes, but so are carrier pigeons and smoke signals. :-)
>
>Yes, effective. Some folks simply prefer things simple. Others have no choice
>- put a simple radio on the air, or go without, because nothing else is
>available where they are or with the money they can raise.

People are free to choose to make things as simple as they like of course.
But they should realize that there's more to simplicity than meets the
eye. Programming the wetware to send and receive Morse isn't simple, and
requires many man-months of effort that could be spent more profitably
elsewhere (enough more profitably in almost every case to push the
complexity off onto hardware instead).

On the issue of cheapness, nothing is cheaper than a diode envelope
detector, and almost every third world family has a shortwave receiver
employing one. A modulation form detectable by an envelope detector is
certainly the cheapest method for them. Good old AM transmitters, though
shunned now in western amateur circles, still do a fine job of covering
the third world, and are only slightly more complex than a pure carrier
source. However, most third world amateurs don't live in mud huts devoid
of any of the castoffs of modern civilization. They don't grind their
own galena or smelt their own copper. Even in the thirdest of third
world countries, teletype machines are hitting the dumps as government,
military, and commercial communications systems are upgraded. I've had
several pleasant RTTY chats with third world fellows who put their
stations together completely from surplus castoffs. It seems, however,
that most amateurs outside the US are using Kenwood/Yaesu/Icom rigs

just like we are, even those operating manual Morse.

>> While that may be acceptable to some, for some purposes, it's a less
>> effective method in general than several other modulation methods and symbol
>> encodings currently available.
>
>True, but beside the point. Most of us don't need to transmit an
>encyclopedia. The fun of amateur communications often lies in simply seeing
>how far you can go with what you have. A one-transistor (or tube!) crystal
>rig can be as much or more fun than a sophisticated digital radio
>communications system. Not to mention that begining builders need to start
>with a simple mode while learning the basics.

Well here we come to the central disagreement I suppose. Distance to
me is irrelevant except in so far as the system is sufficient to cover
the distance to the person with which I wish to exchange communications.
It's the *content* of the contact that matters to me, not the mere fact
of bridging a distance. That seems a rather pointless exercise. I know
how to cheaply blanket the planet with an RF signal detectable anywhere
on the globe, but that's not the goal of communications. The goal of
communications is, oddly enough, to *communicate* thoughts and ideas
from one person to another. I want to do that as well as possible
within the constraints of amateur radio. Morse encodings don't offer
the information density or throughput required for the types of content
exchanges I desire.

>> > * It is the most efficient mode in terms of power required for long-
>> > distance communication ,least susecptible to interference,and conserving of
>> > the radio frequency spectrum.
>>
>> Absolutely, positively, and completely false.
>
>Yes, you're right. However, in terms of work required to get on the air, it's
>still the most efficient. A QRP rig can be put together over a weekend, from
>scratch. Most folks couldn't easily design a RTTY terminal.

But the several man-months of effort needed to program the wetware modem
can't be done over a weekend. Devoting similar time and effort to puttting
together more competent transmission, reception, and transcoding equipment
will pay a higher dividend in content exchanged.

>> > * It involves no accent or pronunciation problems,therefore providing a
>> > widely understood international language.
>>
>> Morse is not a language. It's an encoding of the Roman alphabet.
>
>Not unlike these words before you. Do you read each individual letter here,
>or do you read the words as words? Many good ops can copy Morse that way, you
>know. I'm not there yet.

Yes, these glyphs are not language. They are a pictorial encoding of
language. They could encode Spanish, French, Russian, etc with equal

facility as they encode English (though I'd have to use some additional glyphs to encode some of those languages properly). The glyphs are not language in and of themselves, and the ability to form or recognize these glyphs, absent an understanding of the underlying language they are representing, does not equal the ability to convey information from one person to another who does not share that underlying language. The same is true for Morse encoding. It's not language, it's a representation of symbols which *may*, when combined, represent an underlying natural language. They can equally represent meaningless noise if no common language is shared by the Morse operators.

>> > * It employs simpler,more reliable and easily maintained equipment than any
>> > other communications mode.
>>
>> Well certainly the *transmitter* can be trivially simpler than, say, a
>> FSK transmitter, which would require the addition of a switchable reactance
>> in the frequency determining part of the oscillator circuit.
>
>You forgot to add the computer.

No, I did not. A computer is not necessary to convey information by digital means, though use of one can certainly be a simplifying factor in many cases today. Silicon is cheap, iron is expensive, wetware even more so. However, there was RTTY before computers, and it can still be done that way. Baudot can even be decoded by ear if sent slowly enough, or it can be used to make marks on a moving paper strip that can then be sight read, the way Samuel Morse intended *his* code to be done. Baudot can still be sent using punched paper tape over a pattern of switches, much in the same way Samuel Morse intended Morse to be sent using a suitably notched port rule dragged across a set of contacts.

>> The receiver, however, has to be as complex as one used for other modes,
>> say, SSB or AM or FM voice. Thanks to modern solid state electronics,
>
>You forgot to subtract the computer. Oh, now you're talking about SSB or AM
>or FM voice, instead of the sophisticated digital modes that are better than
>CW.

If you insist, a computer can be used, not necessarily a multi-thousand dollar general purpose computer, however. A $5 single chip micro will suffice for any of the modern encodings at the low speeds employed at HF. A PIC processor can even directly drive a simple LCD display that can double as your receiver's frequency readout. With it's 25 MHz clock rate, it can easily handle the signals by bit banging without any special modem chip, in the same fashion as the zero crossing counting "modemless" systems do. Of course, a $12 PIC71 has A/D too, so it could easily do more sophisticated processing. With it's 1.25uS conversion time, it can handle sample rates as high as 800 kilosamples/sec. Silicon is cheap, nan-hours are expensive. Even at minimum wage, I can earn enough to obtain a competent digital decoder in a fraction of the time it would take to do the wetware programing for manual Morse decoding at a similar

throughput.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

719. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 16:51:41 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan22.165141.4158@ke4zv.atl.ga.us>
Source record: 253414

In article <D2L791.K3G@news.hawaii.edu> jeffrey@math.hawaii.edu writes:
>myers@Cypress.West.Sun.Com writes:
>>fisherb@ccsnet.com writes:
>>>WHAT IS C W
>
>>It is, for some people, a religion.
>
>It is the only mode requiring some level of acquired mental skill.

<snicker> Perhaps if the only mental skill you're capable of mastering
is emulating a modem.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

720. Good press for Amateurs!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 17:06:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.26138.2099@nitelog.com>
Source record: 253418

[Hammond, J., 1995, "Ham Radio Enthusiasts Gather At MPC," The Sunday Monterey County Herald, 22 JAN, p. 1A.]

HAM RADIO ENTHUSIASTS GATHER AT MPC
Judy Hammond, Herald Staff Writer

The crackle of radio transmissions filled the college center at Monterey Peninsula College yesterday as ham radio operators from all over the West Coast gathered to fine-tune their skills and compare notes.

The sixth annual Winterfest of the Naval Postgraduate School Amateur Radio Club drew about 1,000 people. They came to swap ideas, attend clinics, buy equipment and talk to colleagues.

Amateur radio operators spend a lot of their time preparing for emergencies or disasters, such as earthquakes, floods and hurricanes, said Greg Pool [WH6DT], 29, of Monterey, emergency coordinator for the Amateur Radio Emergency Service.

"We spend our time making sure we can provide a secondary communications resource" for agencies such as the county Office of Emergency Services, Red Cross and Salvation Army, Pool said.

The local group of about 60 volunteers last went into action during the recent flooding in Carmel and Carmel Valley. They also were on the job during the 1989 Loma Prieta earthquake and the fires in Pebble Beach and Oakland.

During the recent local flood, they set up their transceivers at Carmel Middle School to assist the Red Cross with communications, Pool said.

"When the Red Cross can't use the phone or a cellular phone, then they've always got us," he said. "We're a phone booth. If we're not needed, we stand by."

Referring to earthquakes, Larry Earlix [KC6JEV], 47, of Monterey, also an amateur radio operator, said "we're prepared for the big one. We spend a lot of time keeping our skills up."

Unfortunately, amateur radio operators in the United States are unable to offer much assistance in the major earthquake that hit Kobe, Japan, last week, Pool said, because the United States and Japan do not have an agreement to allow third-party communications via amateur radio.

When a disaster strikes somewhere, Earlix said, amateur radio operators follow a sequence of priorities.

First, they monitor emergency radio traffic for about a week, he said, adding that at that phase, "we only listen."

Next, they take incoming calls from amateur radio operators who have messages to pass on to friends and families.

And finally they pass on outgoing messages from people who want to know about the welfare of those in the place that has been hit by a disaster.

Ken Teunis [KK6CS], 64, of Marina has been active in the emergency work of the local amateur radio operators, but he also enjoys talking with people in far-off lands.

Teunis said he and his wife, Barbara [N6XCX], got involved about 10 years ago in order to talk with family members in Arizona. "Now," he said, "I'm involved in everything."

He has a weekly schedule to talk to missionaries on distant Pacific islands, such as New Guinea, and in several South American countries.

"They have family living nearby," Teunis said, "and we can pass messages to them."

Amateur radio operators must be licensed and they cannot take money for their services, Earlix said. The NPS club has between 150 and 200 members, most of them civilians, he said.

More information on amateur radio operator training is available by calling Rick Lagerstrom [KN6FR] at 394-2347.

[Monterey County Herald, PO Box 271, Monterey CA 93942 (408) 372-3311]

721. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 17:10:22 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan22.171022.4265@ke4zv.atl.ga.us>
Source record: 253415

In article <3fttof$qtn@rouge.usl.edu> sjm8725@ucs.usl.edu (Mahler Stephen J) writes:
>I am in the process of building remote receivers for a cross-band linked
>repeater system. Can anyone point to a regulation that indicates the ID
>must be audible to the human ear ? I see the reg that states that speech
>must not impact the ability to copy, but it doesn't seem to require copy
>by ear (like they do for the code exams).
>
>As a side bar, this system uses the same link freq for all remote receivers.
>The user will select the desired receiver via its freq and PL combination.
>SO the system has no voter and random IDing of links will impact performance,
>so the desire is to ID every transmission with a sub-audible ID.

IDing links is always a nuisance, but it has to be done. I think that
a subaudible tone ID would skirt the spirit of the regulations, if not
the letter of the law. There is another way. Use a pure keyed tone near
the upper edge of the link transmitter passband, and simply notch it out
at the central transmitter site before passing the link receiver audio
to the repeater transmitter. This gives an audible ID on the link
frequency without retransmitting it over the main repeater transmitter
where it could annoy users. Since the notch is narrow, and at the upper
edge of the passband, it'll have negligible effect on the voice signal.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

722. Re: Dif between novice&tech classes??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 17:23:07 UTC
From: wjturner@iastate.edu
Message-ID: <3fu49r$fb5@news.iastate.edu>
Source record: 253416

In article <1995Jan21.144949.8@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>Well John, this requires a bit of history. At one time there were two
>permanent licenses, General and Technician.

Nice explanation, Gary! I really liked it.

However, I'd want to point out that the Extra Class license actually
pre-dates the all the other current licenses, but it was non-existant
for many, many years. So, it is both the oldest, and the second-newest
(after Technician Plus) license in use today. (Of course, priviledges
for all licenses have changed...)

Also, the Advanced Class license is as old as the General Class license,
and it has been around the entire time. Of course, it was not open to
new applicants for many years, and it had the same priviledges as the
General Class license.

Just wanted to point that out to anyone who is interested in those
little tid-bits of history...

723. Re: BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 17:34:10 UTC
From: kino@uhunix3.uhcc.Hawaii.Edu
Message-ID: <D2tI4z.JLv@news.hawaii.edu>
Source record: 253341

Do you know what the differences are between version 1.50a and 1.7?
The 1.7 manual seems identical to the 1.50a manual except for making
reference to version 1.7 in the footers.

Thanks. Jensen KH6IFZ

724. Software for MFJ1278T Modem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 17:37:49 UTC
From: Yoram Gottesman <YGott_+a_DH7_+lYoram_Gottesman+r%Comverse_Technology@mcimail.com>
Message-ID: <3fu55d$7ob@elron2.elron.net>
Source record: 253355

I am trying to promote the use of the Internet among Radio Amateurs
so we can get free accounts on the Internet for recreational
activities.

A friend of mine is running a free BBS service for Radio Amateurs on
the 2 Meter band using a MFJ1278T modem. He is currently looking for
software to support SSTV and Picture Packet services for all members.
I am looking for a source of such S/W. Please reply via E-mail or
forward any information to:
Yoram Gottesman 4Z5GY
Efrat Future Technology
P.O.Box 43096
Tel-Aviv, Israel 61430

725. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 19:03:18 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.103.014CCF30@mindspring.com>
Source record: 253417

Please use the following as a sample of a letter to be mailed to the
addressee. This letter was donated by a fellow ham to the cause.

Nagalie Salas
FCC - Complaint Information Division
1917 M Street
Washington, DC 20554

RE:Glenn Baxter- - KIMAN
Ms Salas,
I am joining thousands of other amateur radio operators by registering
this complaint against Glenn Baxter, K1MAN, of the state of Maine. Mr. Baxt
er has been interfering with on-going communications of other hams for many y
ears.
During 1994 to present time, the problem has increased to an incredibl
y high level. Mr Baxter- is flagrantly violating: Part 97.103(a) . . . . good
amateur radio practice; 97.3.01(b). . . .No frequency will be assigned for the
exclusive use of any station; 97.101(d) willfully interferring with or cause
interference to any radio communication or signal.
Mr. Baxter operates under the guise of a supposed organization called
IARN,
International Amateur Radio Network. He conducts one-way transmissions of a
taped radio show a total of 100 times per week at 45 minutes per broadcast.
He insists that he should be given a clear frequency to conduct his broadcasts
because he has "established a schedule". If there is on-going communication
on the frequency used by him, he airs his broadcasts regardless. In
addition
to the taped broadcasts, he holds a two hour live telephone call-in talk show
on Sunday nights.
Mr. Baxter has tried to register felony complaints and has
written letters of a threatening and abusive nature to hundreds of hams, the
FCC and the U.S. Attorney office in Maine. He is not using good amateur
practice, he is not entitled to a clear fruency, and he is practicing
willful interference by allowing his station to me on e air, on top of
on-going communication.
While Part 97.111(b)(6) allows one-way "Transmissions
necessary to disseminate information bulletins", there is where in Part 97
that grants a clear frequency be provided for such transmissis. No where does
Part 97 indicate that amateurs using a frequency must linquish it so that an
information bulletin or telephone call-in talk show n be aired interference
tree.
It is for these reasons of Mr Baxter's abuse of his amateur radio
license and privileges that register this formal complaint and ask that the

FCC take whatever action necessary to resolve a long time and ever increasing problem.

Sincerely,

_____ _____

_____

Thanks guys,

Don Simpson

726. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 19:22:32 UTC
From: Steve.Hideg.1@nd.edu
Message-ID: <Steve.Hideg.1-2201951422320001@hideg.cc.nd.edu>
Source record: 253419

In article <1995Jan22.171022.4265@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> IDing links is always a nuisance, but it has to be done.

I had a long chat about this with Doug Hall (of Doug Hall Electronic fame) a couple of years ago at the Dayton Hamvention.

His take on the link ID issue is that is really not necessary from a practical point of view. If the repeater itself properly identifies, the FCC has no problem with the rest of the system. It should be obvious what the callsign is for the links based on the repeater ID.

Just one man's opinion I guess, but he said that he got that directly from an FCC engineer.

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing E-mail: Steve.Hideg.1@nd.edu
G034 Computing Center/Math Building Telephone: (219) 631-EXAM
University of Notre Dame Amateur Radio: N8HSC/9
Notre Dame, IN 46556

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727. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 20:21:56 UTC
From: battin@cyclops.iucf.indiana.edu
Message-ID: <3fuep4$4o8@usenet.ucs.indiana.edu>
Source record: 253421

In article <20178.11.uupcb@totrbbs.atl.ga.us>, Les Scofield
(les.scofield@totrbbs.atl.ga.us) wrote:
> Whereas some forms of advertising can be controlled as to the location
> where it is distributed, the internet is open to any users worldwide and
> the sender has no possible form of control over the distribution.
^^

Since when has the "distribution:" field disappeared?

> therefore the user who places an ad on the net can not be held
> accountable for someone reading it.

> ----
> Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
> UUCP: totrbbs.atl.ga.us Snailmail: 4181 Wash Lee Ct.
> Phone: +1 404 921 8687 Lilburn, GA 30247-7407

--
Gene Battin, N9XAM
battin@iucf.indiana.edu

728. Ohio/Penn DX Bulletin #191

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 20:33:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.191.1995@ampr.org>
Source record: 253365
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.191
Ohio/Penn DX Bulletin No. 191

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 191
BID: $OPDX.191
January 23, 1995
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, W5IJU, KF5ZC, AA8JK, NW8F, WB8LFO, NS0B, JH2PDS/1, JA6VZB, OH1KAG, ON6TT, PB0ALB, DF4RD, DK7UY and DL7VEE the DXNL for the following DX information.

40M DX ROUNDTABLE. In an effort to get some organized DX activity going, K0VVV and others are now meeting at 0600z daily on 7185 kHz and listening on 7085 kHz at the same time for DX stations outside of Region 2. The format of this group is a bit different than a "list net". DX stations will run themselves instead of having a net control feeding stations back and forth. It's been more like a "roundtable" than a "list net'. Everyone, DX and domestic, are invited to join.

4U1UN CARDS UPDATE. The backlog on 4U1, 4U47 and 4U48 cards are complete as of January 20th. The 4U49 cards are being processed and will be released as soon as all the cards are filled out (probably February 1st). If you do not have your cards by the end of February, contact Jerry, WB8LFO. The backlog on bureau cards are to follow. Just a reminder! During 1995 the United Nations will be celebrating its 50th anniversary. Throughout the year, the 4U1UN station will be signing 4U50UN during many of the major contests and various times. QSL "ONLY" to W8CZN or WB8LFO.

9M8, EAST MALAYSIA. Peter, PB0ALB, will be active from Serian in Sarawak, as 9M8PFB, January 31st to March 8th. Activity will be on 80-10 meters (no WARC and 160 meters) and SSB only. QSL via CBA.

D6, COMOROS. Wolfgang, DK7UY, will be here from February 3-24th. His callsign is unknown at this time, but he plans to be active on CW, RTTY and SSB on 80-10 meters. Wolfgang mentions that QSLs will be send out via the bureau to everyone in the log, but please note that there will be "NO" direct QSLing.

KP1, NAVASSA ISLANDS. A DXpedition is being planned to take place in late April or early May with possibly 5 operators. This will be a one

week operation with emphasis on the lower bands and some satellite activity. Operators mentioned so far are W5IJU, KB4VLO, and K0IYF. More details are forthcoming.

ON6TT ON THE ROAD AGAIN! Peter, ON6TT, has taken up a two months contract as a telecom consultant for UNHCR based in the refugee camps of Goma, Zaire. He will be replacing (his old friend) Paul, F6EXV (9Q5EXV). On his way to Africa, Peter will be active first from ITU Headquarters in Geneva as 4U1ITU. Look for him during the European evenings bewteen January 30th and February 5th. He should be active from Zaire (9Q) during the week of February 6th. His tentative callsign should be 9Q5TT. Peter will try to make some weekend trips to Rwanda (9X) and Burundi (9U), depending on available transport, time and personal security. His tentative callsign would then be 4U/ON6TT (with the necessary paperwork for DXCC approval). With time permitting, he will also try to be active in the CQWW WPX, CQWW 160 and ARRL DX Phone Contests. During Peter's stay in Africa, he will concentrate on WARC bands and lower bands, however he wants to remind everyone this is not a DXpedition, so his time on the air might be limited, but he will do his best. QSLs for this tour go to ON5NT - Ghis, CBA or bureau.

TF, ICELAND. Juha, OH1KAG, will be active as OH1KAG/TF from January 27th to February 3rd. He will be active on CW and SSB but is unsure how active he will be. His special interest on this trip will be the CQWW 160m DX Contest. QSL via OH3NE.

V3, BELIZE. Alan/NS0B and John/WC0W/V31TP will be traveling here February 15th, to be a Multi/Single entry in the ARRL CW DX Contest. V31TP will probably be the callsign used during the contest unless an arrangement can made for another callsign. There will be some activity outside the contest on CW and SSB. They leave V31-land on the 20th. QSL info will depend on what callsign they use but it will either be to WC0W or NS0B.

V6 & KC6, MICRONESIA AND BELAU. JA2NQG and friends will be active from Pohnpei, February 17-23th, as V63WW. They plan to participate in the ARRL CW DX Contest and be active on the lower bands. From February 24th to March 1st, the group will travel to Belau to be active as KC6CW and KC6WW. QSL via JA2NQG.

VK, AUSTRALIA. Steve, AA8JK, will be traveling with his wife Andrea, KB8LBQ to participate/compete in the 1995 World Police and Fire Games in Melbourne, Febraury 26-March 4th. These games are the Olympics for police and firefighters worldwide. Steve is a firefighter with the Miamisburg (south of Dayton) Fire Department. After the games, Steve and his wife will travel to Queensland (VK4) were Steve plans to be active in the 1995 ARRL International DX Phone Contest as VK4SID. Steve reports that his callsign VK4SID and his wife's call VK4JAK have been OKed by the WIA, but they have not received the paperwork as of yet. After the contest, they plan to travel to some of the Austrailian islands of Queensland for some IOTA activity. Their IOTA operations will be limited by sunshine and warm water. On or about March 12th, they will travel to Hawaii for more sun and

fun. They hope to be active from KH6-land, March 13-17th. QSL to: AA8JK, P.O. Box 273, Beavercreek, Ohio 45434-0273.

VK9C, VK9L & VK9X, COCOS KEELING, LORD HOWE AND CHRISTMAS ISLANDS. Joerg/YB6AVE/DL8WPX, Rudi/DJ5CQ, and Dietmar/DL3DXX, will be active from these islands during the month of February. Their activity will be on all bands, but they will put their emphasis on CW working Europe on the lower bands. Look for VK9XY on Christmas Island, February 2-8th and again on February 18-March 2nd. Look for VK9CR on Cocos-Keeling, February 8-18th. They will fly to VK4-land after their last Christmas Island stay and probably spend some more days on Lord Howe Island working as VK9LM. QSL via DJ5CQ, Rudi Mueller, Alter Main 23, D-96179 Ebing/Bamberg.

VP2M, MONTSERRAT. Art, WA2UJH, will operate from February 16-26th. Art will be a Single/Op entry in the ARRL DX CW Contest. Their callsign is unknown, but while there Art will operate mostly CW on 40, 80 and 160 meters including activity on the WARC bands. QSL via NW2F.

VR2/VS6 & XX9, HONG KONG AND MACAO. Leo, K8PYD, will be leaving February 1st (returning February 28th) to be active from these two areas. He starts in VR2/VS6 and then as XX9YD in Macao. Leo mentions he has no problem switching from SSB to CW (if asked) anytime while he is on the air. He also mentioned he may venture elsewhere in the Far East pending access and permission to operate.

YA, AFGHANISTAN. A station signing YA/PA3BTQ appeared Sunday morning on 14200 kHz around 1245z. Activity was for about one hour. WFWL!

ZK3, TOKELAU. "The 59 Magazine" (Japanese DX magazine) reports 5W1MM will be active from January 22-26th. No callsign was mentioned, but he will be active on all bands (especially the lower bands) and operating on all modes including RTTY. QSL via JE6IBJ.

ONLY 8 MORE DAYS LEFT TO PARTICIPATE IN THE OPDX/NODXA DX SURVEY!!!! KEEP THOSE BALLOTS COMING! Ballots for the Fourth Annual OPDX/NODXA DX Survey can be found in OPDX.184. Ballots can be sent to the following packet and online addresses listed below.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW

InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

729. OPDX/NODXA 1994 DX Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 20:35:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdxnodxa.8@ampr.org>
Source record: 253363
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB ALL @ ALLBBS $OPDXNODXA.8
OPDX/NODXA 1994 DX Survey

THE FOURTH ANNUAL OPDX/NODXA DX SURVEY FOR 1994
Here is your chance to be counted. Deadline will be January 31, 1995,
with results in February. The questions of the survey will deal with:

1) The DXer of the year. This is a DXer who you thought was outstanding
in operating and handling the pile-ups from their DXpedition.
2) DXpedition of the Year (Group and Indivdual). Choose the best and most
well organized DXpedition that met the needs of the DX community.
3) The 30 Most Wanted Countries. Choose your 30 most wanted countries.
4) OPTION: Your personal comments about DXing in 1994.

Please use the ballot below. Votes will only be accepted in the
following format below.

```
---------------------------------------------------------------------
Your | DXer of the Year| DXpedition of the| DXpedition of the
Callsign | (Person) | Year by a person | Year by a group
and QTH | | |
---------------------------------------------------------------------
CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most
wanted countries. List CW and SSB modes separately.
CW - AB,CD,EF
SSB - GH,IJ
---------------------------------------------------------------------
I work: [ ] only CW [ ] only SSB [ ] both CW/SSB
---------------------------------------------------------------------
Comments on DXing in 1994: (Text Any Length)
---------------------------------------------------------------------
```

* Just Fill-in The Blanks And Send It To One Of The Three Address:
"Packet Radio" - KB8NW @ WA8BXN.OH.USA.NA
"InterNet" - DX-SURVEY@barf80.nshore.org
"PRODIGY" - DFJH48A

1994 OPDX/NODXA DX Survey

Example Ballot:

```
---------------------------------------------------------------------
| | |
| | |
---------------------------------------------------------------------
CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most
```

wanted countries. List CW and SSB modes separately.
CW -
SSB -

I work: [ ] only CW [ ] only SSB [ ] both CW/SSB

Comments: (Text Any Length)
I think DXing in 1994 was.....

/EX

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

730. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 20:37:53 UTC
From: battin@cyclops.iucf.indiana.edu
Message-ID: <3fufn1$4o8@usenet.ucs.indiana.edu>
Source record: 253422

In article <3fnlts$9ss@agate.berkeley.edu>, Tommy the Tourist (Anon User)
(nobody@csua.berkeley.edu) wrote:
> > Best rule of thumb, UNPLUG and GROUND all your antennas.
>
> > Kevin

> I have read this advice before, but I do not understand why the grounding.
> Wouldn't grounding the coax end make the antenna "more attractive" to a
> lightning strike? I always thought that lightning would try to see ground,
> and it seems to me that by grounding the end of the feedline, you are putting
> the skyhook side of the system at ground potential.

> Perhaps somebody can explain where I am going wrong on this one.

Grounding your antenna isn't suggested in order to _prevent_ lightning
from striking it. When a lightning bolt strikes _anything_ near your
antenna it will induce a very high voltage surge in your antenna
(think of the lightning bolt as being a _very_powerful_ spark transmitter
and your antenna as being the unwilling receiver). Providing a low-impedance
path to ground for these induced voltages is a good idea.
Last year, a particularly strong bolt in my neighborhood actually caused one
on my kid's toy ambulances which uses I.C. circuitry to activate its siren and
voice routine. "Rescue 9-1-1 rrrrrrrrRRRRRRRRRRrrrrrrrrr!" Darn near scared
the kid to death. He was across the room at the time, and is rather scared of
thunderstorms. We were reminded of the scene in the movie "Close Encounters
of the Third Kind" where the kid's toys came alive in the alien presence.
Spooky.

--
Gene Battin, N9XAM
battin@iucf.indiana.edu

731. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 20:49:01 UTC
From: decastro@netcom.com
Message-ID: <decastroD2tr5p.5qI@netcom.com>
Source record: 253350
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

cliffkot@netcom.com (Cliff Kotchka) writes:

>: >Remember the guy in San Diego County who broadcast on the S.O. freq to
>: >request medical aid for a crashed mtn. biker with a severe head injury.
>: >He was out of range of ham rptrs but was able to access the Sheriff's.
>: >He had his radio confiscated and was facing possible criminal charges.
>: >The DA decided to drop the charges when faced with public outcry.

>: >I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
>: >he radio although hams in the area offered to replace the one commandeered
>: >by the San Diego Sheriff.

>: All of his grief came from the SO. The SO (illegally) confiscated his
>: radio, harassed him, tried to have him charged. What they were

No, the radios were illegally confiscated. The federal government is
by regulation, law and case law the only level of government that can
enforce communications law. The FCC didn't confiscate the radios, the
sherrif did, having no right to do so - in other words, they stole them.
B
Furthermore, as has been quoted by me and others here, the applicable
section of part 97 of the FCC regulations allows an operator in an
emergency to use whatever means of communications are at his disposal
to request assistance. In fact, every part of the FCC regs taht I've seen
has a similar section, so they couldn't even claim he was operating
a non-type accepted commercial radio.

The FCC didn't elect to do anything to the ham, including give him a
notice of violation. The reason is, that according to FCC regulations,
common practice, and in fact case law, what he did was completely acceptable.

The resaon the ham didn't persue the amtter of the stolen radios is simple -
he couldn't afford the cost of taking the County to trial, and the
radios were replaced by a donation from other hams in the area.
.
>His radio was legally confiscated because all commercial radios must be
>*type accepted*. Ham radio gear is not type accepted and it is illegal
>to modify an amateur radio transmitter to transmit on non-amateur
>frequencies under any circumstances. The Ham was not charged with
>*operating* illegally because of the emergency circumstances surrounding
>the transmission. His radio, however, was unlawful and was therefore
>confiscated.

>A lousy deal, but what are you going to do. You can't fight the FEDS.
>Even when you are right, remember, they are bigger than you are.

>
>Cliff Kotchka
>Riverside, Illinois
>USA
>
>--
> cliffkot@netcom.com
--
==========
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==========

732. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 21:28:37 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan22.212837.6278@ke4zv.atl.ga.us>
Source record: 253423

In article <Steve.Hideg.1-2201951422320001@hideg.cc.nd.edu> Steve.Hideg.1@nd.edu (Steve Hideg) writes:
>In article <1995Jan22.171022.4265@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) wrote:
>> IDing links is always a nuisance, but it has to be done.
>
>I had a long chat about this with Doug Hall (of Doug Hall Electronic fame)
>a couple of years ago at the Dayton Hamvention.
>
>His take on the link ID issue is that is really not necessary from a
>practical point of view. If the repeater itself properly identifies, the
>FCC has no problem with the rest of the system. It should be obvious what
>the callsign is for the links based on the repeater ID.
>
>Just one man's opinion I guess, but he said that he got that directly
>from an FCC engineer.

Well that just goes to prove that FCC engineers don't always give good answers. Lets look at a hypothetical situation.

Suppose we have a 2 meter repeater with multiple 2 meter remote receivers connected by 70 cm link transmitters. Now lets further assume that one of those link transmitters has a problem. It has a mixing product in it's output stage due to the neglect to include a circulator. This mixing product falls on the input to the local police department repeater. How is the 2 meter transmitter IDing itself of any use in identifying the malfunctioning link transmitter? *It* doesn't retransmit the 2 meter machine's ID. It transmits no ID at all. Yet *it* is causing harmful interference.

All the police hear on their repeater is an occasional half of an amateur QSO, and parts of some other transmitter's signals. That could be either a commercial machine, or another amateur. They can try to nail the stations who *are* IDing, of course, but that isn't really the source of the problem. How would you like to be that *other* amateur, totally blameless, who gets a visit from the FCC, or the police, because they're hearing you on their repeater? No matter how loudly you protest your innocence, there's no evidence that a third transmitter is really to blame because it never IDs. (And if your HT is modified for out of band operation, you're going to be toast.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

733. IC3SR

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 22:26:55 UTC
From: ac579@rgfn.epcc.EDU
Message-ID: <9501222226.AA12517@rgfn.epcc.Edu>
Source record: 253424

I have a friend who does not have net access.
He has an IC3SR Icom handi that is 430-440 transmit with the
25-900 MHz receiver. Does anyone have the mod to make it
transmit on 440-450?
He is going to be in the states for about 6 months and then
return to Japan.
Thanks Roland

--
Roland Cowan WF4P/AAT6MC
ac579@rgfn.epcc.edu

734. Re: BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 22:39:12 UTC
From: ve4mjm@draco.bison.mb.ca
Message-ID: <3fumqg$gg1@draco.bison.mb.ca>
Source record: 253321

szinski@prairienet.org (Steve Zinski) writes:

>Jensen Kino (kino@uhunix3.uhcc.Hawaii.Edu) wrote:
>: Do you know what the differences are between version 1.50a and 1.7?
>: The 1.7 manual seems identical to the 1.50a manual except for making
>: reference to version 1.7 in the footers.

>: Thanks. Jensen KH6IFZ

>I noticed the same thing also. Even the file sizes of the binaries are
>identical for v1.5 and 1.7. Seems a bit fishy to me. I have not noticed
>any differences (other than "1.7" appearing throughout) between the two
>versions.
> --Steve

You should be suspicious. Version 1.7 is a hacked version of 1.5a. There
is not and never will be a v1.7. I suggest that you delete any and all
files you have of v1.7. Who knows what virus the hacker may have planted
in there.

Michael
--
Michael Markmann VE4MJM | Univ. of Manitoba Computer Engineering
ve4mjm@draco.bison.mb.ca (Internet) |
ve4mjm@ve4umr.ampr.org (Internet) | ERROR! REALITY.SYS Corrupted!
VE4MJM@VE4KV.#WPG.MB.CAN.NA (AX.25) | Reboot UNIVERSE.EXE!
Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

735. Meteor Scatter Data For 2/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 22:50:29 UTC
From: YPAK35A@prodigy.com
Message-ID: <3funfl$u4i@usenetw1.news.prodigy.com>
Source record: 253425

METEOR SCATTER DATA for Feb., 1995
Feb.3- zhr 15 Feb. 8, 1995- ZHR 14 Feb. 13, 1995- ZHR
15
These days represnt a zhr's that support ms on both 6 and 2 meters
Sked distance of 800 - 1000 miles on these days.
Try 30 min skeds on 6 and 1 hr skeds on 2 on these days
Try 1200 to 1330 utc
Good luck and dxing. E=mail for skeds
73, WB5KYK EM51 JQ

736. K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 23:05:13 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3fuob9$idc@geraldo.cc.utexas.edu>
Source record: 253426

Is this guy actually doing anything illegal? You may not like it, it may spoil your "traditional" net frequency, you may not like what he says, but on what grounds are "we" supposed to object to what he does, and not to what W1AW does?

I have heard his stuff a few times, I just tune right past it, the same as I do with many other things on the bands that are annoying, dumb and objectionable but still legal.

I understand that there is a world of difference between what K1MAN and W1AW are doing, but it's not clear to me whether we are supposed to be petitioning for a change to the rules, or for this operator to be banned from the air because we don't like what he is doing legally. I don't like what a lot of people do with their licenses, but they are operating legally and I don't have to listen to it, so I don't.

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

737. "no-code" bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 23:07:26 UTC
From: unique@mcube.com
Message-ID: <7734-284357602@mcube.com>
Source record: 253339

IB> Ne> every ham has met and conquered. And being >united and of one mind is
IB> Ne> important for amateur radio to survive. For me >CW is that common
IB> Ne> unifying bond, because it has been around forever.
IB> Ne> the "common ground" comment has been invalid since february 1991.

IB>It may now be invalid but for us to just let tradition die because
IB>the government changes regulation equates us to sheep who follow
IB>wherever the shepherd leads. Ham operators have always been in
IB>the forefront and should remain there. Without the solidarity of
IB>something in common, we will become extinct.

IB> Ne> radio is actually many hobbies, not one hobby...
IB> Ne> HF, VHF, UHF
IB> Ne> voice - AM, FM, SSB, PCM, etc.
IB> Ne> code - morse, baudot, ascii, ax.25 etc.
IB> Ne> building, operating, experimenting
IB> Ne> qrp, qro...

IB>I agree wih you here, but just as in Boy Scouts, Church groups,
IB>etc, to become a member you must pass through an inital test or
IB>comon bond. Morse will forever be that common bond for me, something
IB>easy to relate to, and remove from a simple government testing process.

IB>I have never met someone, who with a little effort and support could not
IB>master the minimal requirements of morse.

IB>BS KC4WQ

IB>... Give a man a fish, fed for a day. Teach a man to fish, fed for life
IB>___ Blue Wave/QWK v2.12

--
Mainframes, Minis & Micros | Running MajorBBS and Internet!
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Bakersfield, CA 93313 | Discounted Hardware & Software
LandLine == 800-949-1959 | BBS == 805-397-2063 14.4 n-8-1

738. Where to take Ham radio test?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 23:11:43 UTC
From: rachel@ritz.mordor.com
Message-ID: <D2txrK.CKB@ritz.mordor.com>
Source record: 253360

Can anybody tell me where in Northern NJ over the next week or so I can take the Novice test?? I really want to suprise some "ham" friends of mine.. *snicker*
Thanks!
Rachel

PS if anybody has a schedule to email me that would be great!! :)))

739. Re: AX.25 information

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 23:18:29 UTC
From: gerner@login.dknet.dk
Message-ID: <3fup45$gm0@news.dknet.dk>
Source record: 253427

From: tgm@netcom.com (Thomas G. McWilliams)
Subject: Re: AX.25 information
Message-ID: <tgmD2ss37.7Aw@netcom.com> :

T> Robert Cain (Robert@forex.demon.co.uk) wrote:
T> : Can anyone point me to information on the AX.25 protocol?
T>
T> I think the Linux operating system now supports AX.25 in the kernel.
T> The AX.25 code is based on Phil Karn's work modified by Alan Cox.
T> Take a look at the source code to the Linux kernel. Linux is a
T> freeware clone of the Unix operating system, available via FTP from
T> sunsite.unc.edu in /pub/Linux.
T>
T> tgm@netcom.com KI4N
T>
T>
I think Robert wants a Teknical Standard of AX25 Protocol as
implimented in the AX25 Packet Protocol.
This 'manual' Robert, is a textfile, found in many ham-BBS, all
over the world. If that is what you want, and you are not on packet
yet, then call back, and I will see if I can locate the 'manual'
I downloaded many years ago.

****
* Gerner Mortensen *
****
gerner@login.dknet.dk

* Offline Orbit 0.70b *

740. Re: FREE HAM NEWSLETTER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-22 23:20:51 UTC
From: bob@texas.net
Message-ID: <3fup8j$s21@cactus.texas.net>
Source record: 253376
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <NEWTNews.18260.790755434.amsoft@amsoft.epix.net>, AMSOFT@EPIX.NET says:
>
>
>The Jan 95 "[deleted]" CD-ROM newsletter is now
>available. This CD-ROM offers more ham programs than any of the
>others out there! blah blah blah bullcrap

/\/\/\/\/\/\/\ Chainsaw inserted here /\/\/\/\/\/\/\/\/\/\

I, for one, do not wish to see the internet become a medium which
presents a non-hostile environment for those who wish to use it to
spew forth electronic junk mail. Many other would-be advertisers
have had their mailers crashed by angry replies to such electronic
fecal matter. I wish the same on the hoseheads at AMSOFT.

-

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

741. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 00:06:15 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3furtn$clv@bubba.ucc.okstate.edu>
Source record: 253329

In article <28369DVNJKXRLWPUYGR@ccsnet.com>, <fisherb@ccsnet.com> wrote:
>
>DS> Just for fun, to balance things up a little, and not for public
>DS>release, of course; does anyone know of any notorious radio amateurs ?
>DS>Axe murderers, bank robbers, cannibals, politicians... etc.
>Mark Rudd was a ham (a 60s radical and a ten most wanted).
>---
I don't remember his call or his name but the guy that shot up the
Edmond, OK post office 6 or 7 years ago was a extra and a VE. So be
careful how you threat the VE's.

Gordon AB5DG VE with ARRL & W5YI

Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

742. Internet mail to shortwave voice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 00:16:13 UTC
From: dews@wwa.com
Message-ID: <3fusgd$jvg@sashimi.wwa.com>
Source record: 253330

I am interested in finding out if there is someone out there who can take internet email messages and pass them on
to a boat in the Caribbean on a rountine basis. I have a friend living aboard a sailboat. He has HAM radio.
I have only internet access. I can get his call sign and the shortwave frequency he is on, and when.

With all of this in hand, is there someone or some group that routinely does this sort of thing. Somewhere I can send
the email to be passed on? I would assume he doesn't get packets for a PC, it would have to be voice delivered.

Thanks in advance for whatever :)

743. QSL info for XE2EBE/I2VRN/IO4GNH/VP5V needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 00:22:08 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <3fusrg$1fb@spool.cs.wisc.edu>
Source record: 253331

Well, the subject pretty much says it all. I need QSL info for:

XE2EBE
I2VRN
IO4GNH
VP5V

Thanks!

--
Jason J. Hanson | 1013 Milton St. #203 | (608) 251-0561
University of Wisconsin | Madison, WI 53715 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =*+++*= Proud Democrat, Badger fan, speeder --

744. ANARTS NEWS BULLETIN 842 22/1/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 00:24:04 UTC
From: dave@eram.esi.com.au
Message-ID: <3fusv4$igb@eram.esi.com.au>
Source record: 253332
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 842 22/1/95

The usual preliminaries and post-scripts which precede and
follow the RTTY/FEC versions of the Australian National
Amateur Radio Teleprinter Society news broadcasts, will be
included with the Packet version this week as a "one off",
in the hope that within the larger audience reached there
may be amateurs who wish to follow up a contact with the
organisation.

If only some of the hundreds of members who cut their
digital teeth on RTTY through ANARTS responded, we could be
able to provide a wider spread of items to interest others.

SUNDAY BROADCAST SCHEDULES...
3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC VK2CTD (Col)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (Alan)
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

ryryryryryryryryryryryryryryryryryryryryryryryryryryryryryryryry

Enquiries to the society should be addressed to
the Secretary A.N.A.R.T.S., PO Box 860, Crows Nest,
N.S.W. 2065, accompanied by s.a.s.e., or to VK2JPA @
VK2AAB. if you have any news or information for
inclusion in a subsequent broadcast then please send to the
Broadcast Officer, PO Box 60 Blacktown 2148 or address to
VK2JPA @ VK2AAB on 144.850 MHz. QSL cards can be obtained
by applying to the Broadcast Officer at the above
address with station identification, bulletin no., date
and the first news item or part thereof. In
Australia include s.a.s.e., if overseas include 1 IRC
for air mail.

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

BBC AND DIGITAL AUDIO BROADCASTING

THE BBC CARRIED OUT MUCH OF THE RESEARCH AND DEVELOPMENT ON DAB, AS PART OF A CONSORTIUM THAT INCLUDES EUROPEAN ELECTRONICS COMPANIES. THE PROJECT WAS SUPPORTED FROM EUREKA, THE PAN-EUROPEAN TECHNOLOGY PROGRAMME. THE CONSORTIUM RECENTLY BEGAN SELLING MANUFACTURING LICENCES FOR DAB RECEIVERS TO JAPANESE COMPANIES SUCH AS PIONEER, AND WILL BENEFIT FROM ROYALTIES. JAPANESE MASS PRODUCTION IS EXPECTED TO DRIVE DOWN THE PRICE OF RECEIVERS.

THE BBC HAS BEEN LOBBYING THE BRITISH GOVERNMENT TO RELEASE FREQUENCIES FOR THE NEW SERVICE. LAST MONTH, TRADE AND TECHNOLOGY MINISTER PATICK MCLOUGHLIN RESPONDED WITH A 12.5 MEGAHERTZ SLICE OF THE VHF BAND FROM 217.5 TO 230 MEGAHERTZ, WHICH WAS PREVIOUSLY USED BY THE MILITARY. THIS BAND IS DIVIDED INTO SEVEN 1.75 MEGAHERTZ BLOCKS, EACH CAPABLE OF CARRYING FIVE OR SIX HIGH-QUALITY STEREO CHANNELS.

UNDER AGREEMENT BETWEEN THE BROADCASTERS BBC WILL HAVE ONE BLOCK FOR ITS NATIONAL NETWORKS AND THE RADIO AUTHORITY ANOTHER, FOR CLASSICFM, VIRGIN'S ROCK STATION AND THE PLANNED SPEECH CHANNEL. THE REMAINING BLOCKS WILL BE USED BY LOCAL AND REGIONAL SERVICES.

THE BBC PLANS TO "SIMULCAST", TRANSMITTING ITS PROGRAMMES IN THE DIGITAL FORMAT AT THE SAME TIME THEY ARE BROADCAST ON FM AND AM WAVEBANDS. THE RADIO AUTHORITY HAS TOLD COMMERCIAL RADIO STATIONS THAT THEY TOO CAN "SIMULCAST" THEIR PROGRAMES WITHOUT HAVING TO PAY EXTRA FEES TO THE AUTHORITY.

COURTESY OF VK7PU PHIL

RNARS CONTACT NUMBER de ZL2JON (John).

IF YOU NEED AN RNARS NUMBER, LOOK FOR JOHN AS ZL2RN. AT PRESENT HE IS NOT ON RTTY BUT IS HOPING.

IF YOU CANNOT FIND HIM, TRY TO CONTACT HIM AS ZL2JON ON RTTY (OFTEN ON 20M) AND SEE WHAT CAN BE ARRANGED. HE HAS THE CALL UNTIL THE END OF FEBRUARY.

FIRST ANNUAL ADRS WORLD-WIDE DIGITAL WPX CONTEST

TO BE HELD ON THE FIRST FULL WEEKEND OF FEBRUARY EACH YEAR.

STARTS - 0000 UTC SATURDAY. ENDS 2400 UTC SUNDAY 4-5 FEBRUARY 1995.

FOR SINGLE OPERATOR AND MULTI-SINGLE ONLY 30 HOURS OF THE 48 HOUR CONTEST PERIOD ARE PERMITTED. OFF PERIODS MUST BE A MINIMUM OF 60 MINUTES IN LENGTH AND BE CLEARLY MARKED IN THE LOG. MULTI-MULTI OPERATOR STATIONS MAY OPERATE THE FULL 48 HOURS.

OBJECTIVE - THE OBJECT OF THE CONTEST IS FOR AMATEURS AROUND THE WORLD TO CONTACT AS MANY AMATEURS IN OTHER PARTS OF THE WORLD AS POSSIBLE DURING THE CONTEST PERIOD USING A DIGITAL MODE. RTTY, AMTOR, PACTOR, G-TOR AND CLOVER MODES ARE ALL ENCOURAGED.

BANDS - THE 3.5, 7, 14, 21, 28 MHZ BVANDS MAY BE USED. NO WARC BANDS.

TYPES OF COMPETITION
1. SINGLE OPERATOR (HIGH POWER ALL BAND, LOW POWER ALL BAND AND A SINGLE BAND.)
A. SINGLE OPERATOR STATIONS ARE THOSE AT WHICH ONE PERSON PERFORMS ALL THE OPERATING AND LOGGING FUNCTIONS.
B. LOW POWER - SAME AS 1(A) EXCEPT THAT OUTPUT POWER SHALL NOT EXCEED 150 WATTS. STATIONS IN THIS CATEGORY WILL COMPETE WITH OTHER LOW-POWER STATIONS ONLY. (ONLY FOR AN ALL BAND ENTRY).
C. SINGLE BAND STATIONS ARE HIGH POWER ONLY (EVEN IF LOW POWER IS USED).

2. MULTI-OPERATOR (ALL BAND OPERATION ONLY) NO POWER CLASSES.
A. SINGLE TRANSMITTER - ONLY ONE TRANSMITTER AND ONE BAND PERMITTED DURING THE SAME TIME PERIOD (DEFINED AS 10 MINUTES.

B. MULTI-TRANSMITTER - NO LIMIT TO TRANSMITTERS, BUT ONLY ONE SIGNAL AND RUNNING STATION PER BAND.

NOTE - ALL TRANSMITTERS MUST BE LOCATED WITHIN A 500 METRE DIAMETER OR WITHIN PROPERTY LIMITS OF THE STATION LICENSEES ADDRESS, WHICHEVER IS GREATER. ALL ANTENNAS MUST BE PHYSICALLY CONNECTED BY WIRES TO THE TRANSMITTERS AND RECEIVERS.

DX PACKET CLUSTERS, AND DX ALERTING ASSISTANCE IS PERMITTED IN ALL CLASSES OF OPERATION.

MORE NEXT WEEK

IPS WEEKLY REPORT
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13 JANUARY - 19 JANUARY

DATE OF ISSUE: 20 JANUARY 1994

INDICES:
DATE 13 14 15 16 17 18 19
10CM 75 77 81 83 84 87 90
A 9 2 2 15 22 19 (4 ESTIMATED)
T 28 17 42 36 21 -14 33

SOLAR ACTIVITY WAS VERY LOW 13TH-17TH JANUARY AND LOW 18TH-19TH.

THE GEOMAGNETIC FIELD AT LEARMONTH WAS QUIET TO UNSETTLED
13TH-16TH, UNSETTLED TO ACTIVE 17TH-18TH, AND QUIET ON 19TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR NORMAL
TO 15 PER CENT ENHANCED 13TH-16TH. ON 17TH-18TH, FREQUENCIES
WERE DEPRESSED BY UP TO 25 PER CENT DURING DAYLIGHT HOURS, AND
NEAR NORMAL TO 15 PER CENT ENHANCED DURING LOCAL NIGHT. ON
19TH, FREQUENCIES WERE ENHANCED BY 15-20 PER CENT DURING
DAYLIGHT HOURS, OTHERWISE NEAR PREDICTED MONTHLY VALUES.

FORECAST (20 JANUARY - 26 JANUARY)
SOLAR: LOW
GEOMAGNETIC: ACTIVE 20 JANUARY, THEN UNSETTLED.
IONOSPHERIC: DEPRESSED BY 15 PER CENT ON 21 JANUARY,
OTHERWISE NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

RTDX0113 RTTY DX

VK2SG RTTY DX NOTES FOR WEEK ENDING 12 JAN. 1995 (BID RTDX0113)

OUR INFORMATION THIS WEEK CAME FROM: I5FLN AND THE IK5PWJ
PACKET CLUSTER, W2JGR AND THE NJ0M NODE THE TWIN-CITIES DX
PACKET CLUSTER, W5ZPA, AA5AU, WX5L AND THE K5NV DX CLUSTER,
W5KSI AND ZS5S.
THANK YOU ALL FOR YOUR ASSISTANCE.

BANDPASS
FRIDAY 6
1329-14089 VP29EI
1450-14080 V31RY
1525-14082 UX0KX
1527-14080 3C0N/D2SA QSL F6FNU
1839-14087 VP2E/NM7N
1842-14083 ZS6YA
1843-14084 8P6SG

SATURDAY 7
0134-14087 VP8CKN QSL P.O. BOX 470, PORT STANLEY,
FALKLAND ISLANDS,VIA UNITED KINGDOM
0240-14082 VI0ANT DAVIS BASE QSL VK4EET
1304-14086 V31RY
1305-14083 CO2KG
1422-14087 LX1DA
1429-14083 J68BU
1450-14088 3A2LZ
1520-21086 EA6BH
1521-21087 S57J
1540-14090 4X6UO
1936-21073 8P6SG
1948-21087 V31RY
2247-21081 5W1MM

SUNDAY 8
0110- 7040 VP8SGP SEE NOTE
0228- 7043 J68BU
0945-21095 9Q5PL
0951-21095 C91A
1049- 7079 8P6SG
1206-14087 VP29EI
1317-14080 V31JU
1337-14065 8P6SG
1338-14071 J68BU
1341-14078 HH2PK
1342-14081 EA6BH
1344-14083 S57U
1345-14084 LY1BZB
1550-14097 SV2BFN
1352-14094 LX1DA
1357-14095 A45ZX
1406-14090 VP5JM
1423-21084 KP2N
1425-21089 LX1DA
1440-21083 8P6SG
1449-14090 LX1B
1455-21080 ZS6YA
1456-21081 V31RY
1457-21088 GW5NF
1523-14071 J28BU
1528-21084 KP2N
1534-14065 VP29EI
1539-21078 HH2PK
1555-14086 4X6UO
1601-14098 TA2II
1604-21080 V31JU
1632-14083 J68BU
1636-14085 EA8RA
1652-14078 S53MJ
1717-14088 VP5JM
1721-14086 HP1XBH
1805-21077 5W1MM
1815-21074 VP29EI
1823-14085 HH2PK
1909-21082 J68BU
1915-21077 5W1MM
1912-21083 8P6SG
1920-14090 CU3EM
1931-21080 KP2N
1926-21088 V31RY
2018-21087 A35RK
2119-21077 ZL3GQ
2143-21089 AH6JF
2353-14094 AH6HH

MONDAY 9
0007-14083 VI0ANT
0016-14086 VP8CKN
0132-14081 VI0ANT
2106-14084 FG5FII

TUESDAY 10
0344-14085 ZL3GQ
0351-14087 LU1EKS
1325-14086 GI0LEC
1718-14083 EA8AFJ
2209-14082 FG5GI
2258-14087 CO2KG
2328-14089 CX5CJ

WEDNESDAY 11
0105-14083 VI0ANT
0125-14084 AH6HH
0135-14084 LU4FZM
1327-14086 CT1EIF
1330-14085 J68BU
2147-14083 CO2KG
2307-14089 P43DWC

THURSDAY 12
1314-14083 SV1ADG
1316-14086 OK2TB
1318-14086 CO2KG
1605-14088 GI0BQX
1630-14084 LX1DA

NOTES OF INTEREST.

SOUTH GEORGIA, VP8. VP8SGP, WAS ACTIVE UNTIL 20TH JANUARY.
THEY WERE ON ALL BANDS, CW, SSB AND RTTY. QSL W4FRU,
INDEXA POB 5127, SUFFOLK, VA 23435

TONGA, A3. A35RK, PAUL, KK6H IS NOW ACTIVE AS A35RK AND
WILL BE UNTIL 7 FEBRUARY. QSL VIA HOME CALL.

UNITED NATIONS HQ, 4U1UN. THIS STATION WILL BE SIGNING
4U50UN, UNTIL THE END OF 1995, CELEBRATING THE 50TH.
ANNIVERSARY OF ITS ESTABLISHMENT IN 1945.

FOR NEXT WEEK'S BULLETIN, SEND YOUR BANDPASS AND NOTES OF
INTEREST TO LUCIANO, I5FLN AT ITOS.ITA.EU

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA

ARLD002 DX NEWS

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFORMATION
PROVIDED BY FRANK, AH0W/OH2LVG, TEDD, KB8NW, THE YANKEE
CLIPPER CONTEST CLUB PACKETCLUSTER NETWORK AND THE CONTEST

CORRAL COLUMN FROM THE PAGES OF QST MAGAZINE. THANKS TO ALL.

LIBYA. EUROPEANS HAVE REPORTED HEARING A STATION SIGNING F5HV/5A OR 5A/F5HV/M ON 14120 AND 14140 KHZ. THE OPERATOR GAVE HIS NAME AS JACQUES AND SAID TO QSL VIA F5PFP. HE WAS ALSO HEARD TO SAY HE HAD NO LICENSE. NO DOCUMENTATION HAS BEEN RECEIVED BY THE DXCC DESK FOR THIS ONE.

TONGA. PAUL, KK6H, WILL BE ACTIVE AS A35RK UNTIL FEBRUARY 7, WITH MOST OPERATING ON CW BETWEEN 160 AND 30 METERS. HE WAS HEARD THIS PAST WEEK ON 40 METER CW AROUND 0700Z AND AGAIN AT 1130Z. PAUL WAS ALSO HEARD BRIEFLY ON 15 METERS. QSL VIA KK6H.

HONG KONG. MIKE, VS6WV, NOW HAS ANTENNAS UP FOR 160 AND 80 METERS. HE SUGGESTS TRYING 1829 TO 1832 AND 3506 KHZ AS THESE ARE CLEAR FREQUENCIES FOR HIM TO LISTEN ON. TRY 80 METERS FROM 1130Z ON.

EAST MALAYSIA AND NORTHERN MARIANAS. FRANK, AH0W/OH2LVG, WILL BE ACTIVE IN EARLY MARCH FROM THE NORTHERN MARIANAS/SAIPAN, INCLUDING A SINGLE-OP ENTRY IN THE ARRL SSB DX CONTEST AS AH0W. HE WILL STOP FOR A FEW DAYS ON BUSINESS IN MALAYSIA AND ACTIVATE EAST MALAYSIA, 9M8. BOTH OPERATIONS WILL CONCENTRATE ON LOW BANDS, 20 METERS AND WARC. QSL VIA KE7LZ.

GUATEMALA. JACK, KE4LWT, WILL START OPERATING SOMETIME IN LATE JANUARY OR EARLY FEBRUARY AND HOPEFULLY BE ACTIVE THROUGH THE MIDDLE OF JUNE. NO CALL SIGN HAS BEEN ISSUED YET. LISTEN FOR JACK BETWEEN 0000 AND 0600Z IN THE US NOVICE SUB-BANDS, ESPECIALLY 80 AND 40 METERS.

==========

COMING EVENTS.

February 4th-5th ADRS WW RTTY WPX CONTEST
11th-12th EA WW RTTY Contest
26th Central Coast Field Day at WYONG.

STOLEN

======

ONE YAESU 2M FM TRANSCEIVER FT-212RH, SERIAL NO. 1C630025. IF YOU ARE OFFERED THIS PIECE OF EQUIPMENT, PLEASE CONTACT PAT VK2JPA QTHR, OR PHONE BLACKTOWN POLICE ON (02) 622 0000.

FOR DISPOSAL

VK2SG HAS SOME JUNK FOR DISPOSAL, STUFF THAT HE THINKS HE WILL NEVER NEED AGAIN, ITS YOUR FOR THE COLLECTION. THINGS LIKE TRANSFORMERS 385/385 VOLTS, MOTORS FOR PRINTERS, THAT CAN BE

USED FOR OTHER THINGS, TUNING CONDENSERS, BOXES OF ELECTROLYT-
ICS, ETC ETC ETC. IF YOU CAN USE IT, COME AND GET IT. ALSO HAS
PRINTERS LIKE SAGEMS MODIFIED FOR 45/50 AND 75 BAUDS, SIEMEN
SET FOR 45 BAUDS WITH PAPER WIND UP MOTOR.

HE ALSO HAS A TELEREADER WITH POWER SUPPLY WHICH DOES CW/RTTY
(VARIOUS BAUD RATES), ASCII AND HAS BEEN MODIFIED FOR AMTOR,
ALL PAPERWORK AND HANDBOOKS INCLUDED PLUS A SPARE MK2 AMTOR
BOARD, NEGOTIABLE PRICE ... THERE ARE ALSO OTHER BITS OF JUNK
AS WELL, EVEN VALVES.

SOME RADIO CLUB MAY BE INTERESTED.

DE SYD VK2SG QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA
@ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60
Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB.
Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from
anywhere in the broadcast coverage area. We are looking for-
ward to news from your areas to let other amateurs know what
you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes ANARTS NEWS842 22/1/95..

Inserted by VK2BQS (Jim) Vice President ANARTS.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

745. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 00:44:53 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3fuu65$gq@umcc.umcc.umich.edu>
Source record: 253351
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <decastroD2tr5p.5qI@netcom.com>,
Richard A. De Castro <decastro@netcom.com> wrote:
>cliffkot@netcom.com (Cliff Kotchka) writes:
>
>
>>: >Remember the guy in San Diego County who broadcast on the S.O. freq to
>>: >request medical aid for a crashed mtn. biker with a severe head injury.
>>: >He was out of range of ham rptrs but was able to access the Sheriff's.
>>: >He had his radio confiscated and was facing possible criminal charges.
>>: >The DA decided to drop the charges when faced with public outcry.
>
>>: >I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
>>: >he radio although hams in the area offered to replace the one commandeered
>>: >by the San Diego Sheriff.
>
>
>>: All of his grief came from the SO. The SO (illegally) confiscated his
>>: radio, harassed him, tried to have him charged. What they were
>
>
>No, the radios were illegally confiscated. The federal government is
>by regulation, law and case law the only level of government that can
>enforce communications law. The FCC didn't confiscate the radios, the
>sherrif did, having no right to do so - in other words, they stole them.
>B
>Furthermore, as has been quoted by me and others here, the applicable
>section of part 97 of the FCC regulations allows an operator in an
>emergency to use whatever means of communications are at his disposal
>to request assistance. In fact, every part of the FCC regs taht I've seen
>has a similar section, so they couldn't even claim he was operating
>a non-type accepted commercial radio.
>
>The FCC didn't elect to do anything to the ham, including give him a
>notice of violation. The reason is, that according to FCC regulations,
>common practice, and in fact case law, what he did was completely acceptable.
>
>The resaon the ham didn't persue the amtter of the stolen radios is simple -
>he couldn't afford the cost of taking the County to trial, and the
>radios were replaced by a donation from other hams in the area.
>.
>>His radio was legally confiscated because all commercial radios must be
>>*type accepted*. Ham radio gear is not type accepted and it is illegal
>>to modify an amateur radio transmitter to transmit on non-amateur

>>frequencies under any circumstances. The Ham was not charged with
>>*operating* illegally because of the emergency circumstances surrounding
>>the transmission. His radio, however, was unlawful and was therefore
>>confiscated.
>
>>A lousy deal, but what are you going to do. You can't fight the FEDS.
>>Even when you are right, remember, they are bigger than you are.
>>
>>Cliff Kotchka
>>Riverside, Illinois
>>USA
>>
>>--
>> cliffkot@netcom.com
>--
>==
>decastro@netcom.com Warning: I am a trained professional. No, Really!
>Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
>Richard A. De Castro - As long as the Government pretends to protect me,
> I'll pretend to feel safe - NOT!
> -Don't Tread On Me!-
>==

FCC rules part 97.403
Safety of life and protection of property.

No provision of these rules prevents the use by an amateur station of any
means of radiocommunication at it's disposal to provide essential
communication needs in connection with the immediate safety of human life
and immediate protection of property when normal communication systems
are not available.

--
Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
lbutler@umcc.umich.edu Compuserve 72673,321
Ham Callsign expected in Feb. Have a great Day!

746. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 01:38:05 UTC
From: grady@netcom.com
Message-ID: <gradyD2u4JH.1rI@netcom.com>
Source record: 253352
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Hmmm... Lee is right according to 47 CFR 97.xxx.
I swear I never kerchunk without identifying! And that's the
story I'm sticking to, dammit!
--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

747. T-Hunt Mailing List????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 01:51:46 UTC
From: dunla004@cerritos.edu
Message-ID: <1995Jan22.175146.1@vax.cerritos.edu>
Source record: 253333

Can anyone tell me if there is a T-hunt mailing list?

748. Help me find K0CEW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 02:02:25 UTC
From: kb0nci@MO.NET
Message-ID: <Pine.BSI.3.91.950122195455.13232B-100000@Walden.MO.NET>
Source record: 253334

I went to school in Chicago with a Ham in 1957 & 1958. I would like to locate this guy, but I havn't a clue on how to go about it. If anyone can help me in the right direction I would be grateful.

Thanks Ron Swiney (KB0NCI)
kb0nci@mo.net

749. Model 100 Teletype Parts List/Drawings Available

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 02:07:24 UTC
From: seckert@ix.netcom.com
Message-ID: <3fv30s$jjr@ixnews1.ix.netcom.com>
Source record: 253335

I have a Catalog of Parts document for a Model 100 Teleprinter (dated 1951 with drawings from qpprox 1938). The manual was published by Western Union Telegraph Company. The drawings are very detailed and may be helpful if anyone is rebuilding one of these beauties. I will copy and ship to anyone interested for repro and shipping cost. It's about 75 pages (double sided). If interested, contact Scott at seckert@ix.netcom.com.

750. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 03:22:04 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2u9Cs.Iqn@news.hawaii.edu>
Source record: 253358
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>FCC rules part 97.403
>Safety of life and protection of property.
>
>No provision of these rules prevents the use by an amateur station of any
>means of radiocommunication at it's disposal to provide essential
>communication needs in connection with the immediate safety of human life
>and immediate protection of property when normal communication systems
>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
^^^^^^^^^^^^^^^^^

So before you use your HT out-of-band to call for help you'd better
make sure none of the following are nearby: pay phone, cellular phone,
CB radio, amateur repeater, amateurs monitoring a simplex frequency,
someone within shouting distance who could summon further help,
signalling mirror to signal an overhead airplane. Otherwise, no
fair grumbling if your HT gets taken away and you receive a NAL.

Jeff NH6IL

751. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 03:26:02 UTC
From: pws8157@ucs.usl.edu
Message-ID: <3fv7ka$c7a@rouge.usl.edu>
Source record: 253337

>>In article <3fttof$qtn@rouge.usl.edu>,
>>Mahler Stephen J <sjm8725@ucs.usl.edu> wrote:
>>I am in the process of building remote receivers for a cross-band linked
>>repeater system. Can anyone point to a regulation that indicates the ID
>>must be audible to the human ear ? I see the reg that states that speech
>>must not impact the ability to copy, but it doesn't seem to require copy
>>by ear (like they do for the code exams).

Sounds like a dandy project, Steve.

The part about sub-audible id'ing of link-receiver transmissions sounds like
a real neat one. Under part 97.119 (station identification), I can't seem
to find any reference which would prohibit identification using signals
which are usually considered to be filtered out by most receivers.

Also, we had discussed an idea of yours whereby line-receiver transmitters
would send post-usage identifications using only the exciter, in effect
sending an id at a power level considerably lower than the communication
took place at. Once again, I find nothing specific to prohibit this act.

Any ideas out there ?????

---

73 de ka5nmn
pat

* *
* Patrick W. Soileau, KA5NMN * packet: ka5nmn@w5ddl.#lft.la.usa.noam *
* 101 Amethyst Lane * Internet: ka5nmn@usl.edu psoileau@usl.edu *
* Lafayette, LA 70506-3844 * pws@usl.edu pat@usl.edu *
* Home Phone: (318) 989-8940 * "These are my own views & comments, not USL's"*
* *

752. Ham radio & Cruises

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 04:07:15 UTC
From: ag121@torfree.net
Message-ID: <D2uBG4.K8q@torfree.net>
Source record: 253349

```
--
-------------------------------------------
Coming to you from the 4 Corners of Brampton
ag121@freenet.toronto.on.ca bryan.weaver@bville.gts.org
ve3trj@ve3trj.ampr.org bryan.weaver@projectx.com
```

753. Ham Radio & Cruises

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 04:29:34 UTC
From: ag121@torfree.net
Message-ID: <D2uCHA.Kwu@torfree.net>
Source record: 253338

```
--
-------------------------------------------
Coming to you from the 4 Corners of Brampton
ag121@freenet.toronto.on.ca bryan.weaver@bville.gts.org
ve3trj@ve3trj.ampr.org bryan.weaver@projectx.com
```

754. 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 04:47:52 UTC
From: charnoft@wfu.edu
Message-ID: <3fvcdo$atb@eis.wfunet.wfu.edu>
Source record: 253340

Can anyone tell me where the code 73 comes from?

--
****
Olin Physical Lab Wake Forest University Winston-Salem, NC
http://www.wfu.edu/~charnoft KE4RJG
* * * * *
"I wish these damn scientists would leave intelligence to the experts."
--Gen. Richard Stillwell

755. Windows rig-control software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 05:02:48 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3fvd9o$hfr@omnifest.uwm.edu>
Source record: 253342

Can anyone compare for me the various commercial Windows-based rig-control software packages currently available (esp. Ham Windows and Log Windows), or point me toward a magazine article or other information source?

TNX ES 73,

Rick WB9GYT
fedpress@omnifest.uwm.edu

756. How to re-learn Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 05:28:06 UTC
From: counsel@netcom.com
Message-ID: <counselD2uF6v.J5q@netcom.com>
Source record: 253344

Hi everyone:

It has been a LOOOONG time since I used Morse code (at least 10 years).
How can I re-learn and get back to a decent level (15 to 20 WPM)? If
anyone has gone through this experience please share with me (and may be
to everyone.)

Thank you for your input.

'73
Trung Q. Nguyen, NO6Q

757. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 05:46:48 UTC
From: chrism@osuunx.ucc.okstate.edu
Message-ID: <3fvfs8$imq@bubba.ucc.okstate.edu>
Source record: 253343

barry@indirect.com writes:

>How about the best one. Use the one published by the ARRL instead of
>making up something cutesy. Using the standard phonetics, your chances of
>your call being understood is greatly impproved over self- invented phonetics
>especially when the conditions are poor. It is tough trying to get a
>guys call when he uses strange phonetics.

I agree that standard phonetics are generally best. Nevertheless, how
about

Kissing Causes 5 Large Warts, Friend

73 and good welcome to ham radio!
Chris Morrison KG5NK
Tulsa, OK

758. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 06:12:44 UTC
From: blackwells@yvax.byu.edu
Message-ID: <1995Jan22.231244@yvax.byu.edu>
Source record: 253345

In article <3fvcdo$atb@eis.wfunet.wfu.edu>, charnoft@wfu.edu (Forrest T Charnock) writes:
> Can anyone tell me where the code 73 comes from?
>

Hmmmm. I know the police 10-code locally of 10-73 means rape.....Could
it...????Nah!

> --
> **
> Olin Physical Lab Wake Forest University Winston-Salem, NC
> http://www.wfu.edu/~charnoft KE4RJG
> * * * * *
> "I wish these damn scientists would leave intelligence to the experts."
> --Gen. Richard Stillwell

759. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 06:20:46 UTC
From: conklic9391@cobra.uni.edu
Message-ID: <1995Jan23.002047.37631@cobra.uni.edu>
Source record: 253346

In article <3fttof$qtn@rouge.usl.edu>, sjm8725@ucs.usl.edu (Mahler Stephen J) writes:
> I am in the process of building remote receivers for a cross-band linked
> repeater system. Can anyone point to a regulation that indicates the ID
> must be audible to the human ear ? I see the reg that states that speech
> must not impact the ability to copy, but it doesn't seem to require copy
> by ear (like they do for the code exams).

Everyone else seems to have answered this to death- my only $0.02 is that there is no reason to make the id real easy to hear. That is- some dweebs run their "polite" Cw id's for 3-4khz deviation on the tx. Why not just drive it under 1khz- or even 500hz? That just means the rx station needs to increase audio gain to hear it- but people can talk over it w/o being bothered.

>
> As a side bar, this system uses the same link freq for all remote receivers.
> The user will select the desired receiver via its freq and PL combination.
> SO the system has no voter and random IDing of links will impact performance,
> so the desire is to ID every transmission with a sub-audible ID.
>

This is a problem- at least I see the possibility for a problem. If the satellite/link tx from one site hits its 10 minute ID timer - I assume (to meet the rules) the sucker is going to key down and spit out its/your callsign. What happens if someone is talking on one of the other satellites at that same time. With a single link frequency you get several unpleasant possibilities: A) (*best case*) the unused machine that is ID-ing is relatively weak to the hub and the hub receiver doesn't capture much of it over the stronger "used" (i.e. the one with someone talking) satellite. B) Ugly heterodyne between the two transmitters for the duration of the id/transmit time. C) the "used" site is weaker and looses the "double-battle" to the ID-ing site, Leading to the inevitable:
W0ABC:>> "Repeat that again Bob- I didn't hear ya."
W0XYZ:>> "Well I ought to be-a-hittin' the repeater. I'll kick on the 100w linear." (Causing the co-channeled repeater 120miles away more headaches :-(

So- either A) use multiple linking frequencies (yes- more hardware at the hub) of B) synchronize those transmitters (set up some automatic freq control- or buy really good crystals and hope the transmitters don't drift (hah!)).

Good Luck,

==========
Christopher Conklin
Public Policy Masters Student: University of Northern Iowa
Net:Conklic9391@uni.edu

Amateur Radio voice: 444.650Mhz n0pav/rpt
Amateur Radio packet: n0pav-1@ko0x-1.ia.usa.na

==========

760. Test

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 06:31:54 UTC
From: Test <70007.412@CompuServe.COM>
Message-ID: <3fvigq$225$1@mhade.production.compuserve.com>
Source record: 253347

test

761. Magazine Article Input Sought

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 06:32:51 UTC
From: Test <70007.412@CompuServe.COM>
Message-ID: <3fviij$225$2@mhade.production.compuserve.com>
Source record: 253348

All,
I'm writing an article for CompuServe Magazine on ham
radio emergency communications.
I would like to hear from hams who have pitched in during
disaster situations.
Tell me what you've done. How it helped. How did you get
and relay information?
Finally, I would like your view on ham radio emergency
communications in this age of cellular phones and satellite
links. What can ham radio do that these technologies can't.
Be sure to include your city/state and occupation so I can
properly identify you in the article.
This is a golden opportunity for ham radio to state its
case before millions of readers worldwide. I hope you'll
help me bring the message across.
73, John Edwards, KI2U, Contributing Editor, CompuServe
Magazine

762. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 08:00:47 UTC
From: Peter Coffee AC6EN <72631.113@CompuServe.COM>
Message-ID: <3fvnnf$3cb$1@mhade.production.compuserve.com>
Source record: 253353

>>> [phonetic for] LWF?

Limburger With Fries?

763. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 08:17:42 UTC
From: ron@chaos.eng.wayne.edu
Message-ID: <3fvon6$k9o@oak.oakland.edu>
Source record: 253354

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <Steve.Hideg.1-2201951422320001@hideg.cc.nd.edu> Steve.Hideg.1@nd.edu (Steve Hideg) writes:
: >In article <1995Jan22.171022.4265@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
: >(Gary Coffman) wrote:
: >
: >His take on the link ID issue is that is really not necessary from a
: >practical point of view. If the repeater itself properly identifies, the
: >FCC has no problem with the rest of the system. It should be obvious what
: >the callsign is for the links based on the repeater ID.
: >
: >Just one man's opinion I guess, but he said that he got that directly
: >from an FCC engineer.

: Well that just goes to prove that FCC engineers don't always give
: good answers. Lets look at a hypothetical situation.
[stuff deleted]

We had the same situation here along with nearly every other repeater
in town. We not only talked to FCC engineers, but lawyers also and
the FCC just isn't strict in this case. The translation on it
basically goes something like the person who is using the link
is technically the control operator for that link and when that
person (or someone in a group) ID"s they are ID'ng the link.

They know that putting a CW ID on a link causes problems with
trying to find a way to filter it out from the main repeater
transmitting all these ID's contiuously, so that's why they
are pretty relaxed on the rules in this case (from the FCC laywers
point of view). Part 97 is vague in lots of place so that we
can do things without having too many restrictions. Also start
listening to some link frequencies and you'll find that very
very few links have any ID's on them at all. Even some of
the FCC folks up here in Detroit are hams and they use repeaters
and links all the time that don't have ID's on the links, and
they havnt fined anyone around here yet or told them to put
ID's on them.

764. Wonderful ham cottage for rent in Ireland

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 09:15:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F237444@smtp>
Source record: 253356

I would like to offer my cottage for rent this summer. It is located in the extreme south west of Ireland, near Cape Mizen head (on a map, opposite the Fastnet Lighthouse).

If you are looking for a great holiday this summer, want to spend it in Ireland and see how pretty Ireland is, this is a great opportunity). Read on....

========>

I have a rather remote cottage in the extreme south west of Ireland. It is situated about 5 miles east of Cape Mizen Head, and about 2 miles west of the village of Goleen, County Cork, Ireland.

I have a rhombic installed that is oriented North-west/south east. It is switchable NW/SE and is headed exactly for the center of the US. Gain on 10 is about 26db, on 20m it's about 15db (not tested but from manuals). There is also a 2 meter vertical.

The cottage has a lovely huge fireplace, 1 meter walls, seating area with satellite TV (includes CNN, TNT/Cartoon network, Sky News, Galavision (Mexican)), big kitchen with electric oven, microwave cooker, bathroom/toilet with electric shower, two bedrooms upstairs with 2 double beds and two bunk beds. It also includes storage heating. There is a phone and the neighbors take care of the house (they live about 1.5 miles away). Ireland has direct access to AT&T's, MCI's and Sprint's US based operators with a locally free number.

The house has 240V electricity, however in the shack area of the kitchen there is a 1600W 110V transformer. There is also a 20m dipole for comparative measurements and a multiband folded antenna (no tuner needed).

For visitors there are many sites to see such as dolmens, copper mines (iron age), castles, walks, fresh fish and nice shops in the nearby villages (Goleen, Crookhaven and Schull). In Schull there is also the only planetarium in Ireland.

For hams, there is excellent facilities, plus Marconi house (in Crookhaven) and nearby Mount Gabriel which has the last European radar station for transatlantic flights (it is controlled from Holland). It also retrasmits VHF air comms for Shannon, London, Brest, Scotland etc and has absolutely marvelous views (it's about 1500 feet up). About 2.5 hours by car you can go to Valentia Island (with a narrow bridge) where there is the Search and Rescue station covering the atlantic as well as the place where the first submarine cable between St Johns, NF and Europe was laid. A ham, EI5CB, is one of the officers responsible for the station.

This can be the base for a wonderful holiday. Eat fresh fish. Local lamb. Even pluck a chicken. Or hunt a rabbit (millions of them; hunting rabbits and foxes allowed year-round). Or taste the beer from one of the 6 bars (pubs) in the nearby village (has about 100 residents - mind you, one of the pubs sells shoes, the other is also the local gas station, the third is the butcher and the fourth is the general store/post office).

The cottage rents for $300/week. You need to bring radio and antenna tuner as well as P.S. (if it's not main powered). And clothes. And I suppose some money. You can fly into Shannon and drive (about 4 hours - drive on the left) or into Cork (2 hours drive).

It is available from the spring of this year. Most flights from the US permit stopovers in Shannon, so make a stop and have some ham fun this part of the pond.

==========

QST has published some photos, see Up front in July 1991, Mar 94 and Nov 94.
Thanks for the interest.
Peter, KC1QF

=============>
For additional info write to me at e-mail:
pve@dg13.cec.be

or fax me at:
+ 32 2 657 3975

or packet at:
on9cgv@on7rc (keep messages on the place, not on commercial matters).

765. Radiogram

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 09:15:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F237414@smtp>
Source record: 253357

Hi All!
Is there a way to send radiograms(NTS) via the internet and a packet
gateway?
I am a ham (Extra class) and need to get in touch with a ham friend (K3SRO)
in Lansdale, PA.
Any help would be appreciated.
Peter, KC1QF
pve@dg13.cec.be

766. Need hand-held (portable) radios with headsets !

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 12:27:51 UTC
From: lkchrist@ingr.com
Message-ID: <3g07c7$5jv@b10.b10.ingr.com>
Source record: 253359

Hi all,

I don't know if this could be the right place but since i'm almost desperate i'd give it a try.

As a member of a Danish TA (National guard) i need to get some durable radios with headsets (just like the movie "navy Seals").
I was wondering if anyone could provide me with some address (and hopefully fax numbers) to some companies that provide
hand-held radios !! (and i'm not looking for CB hend-helds).

Thanks in advance

Lasse

767. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 13:26:59 UTC
From: gttm@cais2.cais.com
Message-ID: <3g0ar4$103@news.cais.com>
Source record: 253364

The maiden name of Elvis Presley's wife was "Beulieu"

--

+ COAST GUARD COMMUNICATIONS +
| |
| Telephone: (202) 267-2860 U.S. Coast Guard (G-TTM) |
| Fax: (202) 267-4106 Washington DC 20593 |
| Internet: CGComms/g-t07@cgsmtp.comdt.uscg.mil |
+---+

768. Re: Dif between novice&tech classes??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 13:28:43 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3g0aub$ik8@acme.freenet.columbus.oh.us>
Source record: 253361

William J Turner (wjturner@iastate.edu) wrote:
<snip>
: Also, the Advanced Class license is as old as the General Class license,
: and it has been around the entire time. Of course, it was not open to
: new applicants for many years, and it had the same priviledges as the
: General Class license.

: Just wanted to point that out to anyone who is interested in those
: little tid-bits of history...

The Class A license was open to new applicants, of a certain type,
in 1939. I was so anxious to be able to operate 20 and 80 phone
(the only privileges denied to Class B and C licensees) without
waiting a year that when the examiner came to town I went in for
the First Class Radiotelephone test. I then took the 13 wpm amateur
code test and flunked it. So shortly I found myself with an elegant
engraving permitting me to be in charge of the 500kW at WLW in
Cincinnati, but no ham ticket! A month later I met a girl, and a
month after that got married, and a month after that the examiner
came again. With as much code practice as you can imagine, I passed
and got my Class A Amateur Operator and Station License.
The payoff, of course, is that I never operated my own station
on 20 or 80 phone during the next 10 years!
73 and GL Gerry K8EF@W8CQK.OH.USA.NA

769. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 13:33:46 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3g0b7q$jcs@acme.freenet.columbus.oh.us>
Source record: 253362

Forrest T Charnock (charnoft@wfu.edu) wrote:
: Can anyone tell me where the code 73 comes from?

: --
: **
: Olin Physical Lab Wake Forest University Winston-Salem, NC
: http://www.wfu.edu/~charnoft KE4RJG
: * * * * *
: "I wish these damn scientists would leave intelligence to the experts."
: --Gen. Richard Stillwell
Land line american morse telegraphy. GL and 73 Gerry K8EF@W8CQK.OH.USA.NA

770. BBS & Packet

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 13:35:00 UTC
From: markg@choice.equinox.gen.nz
Message-ID: <RERAAMMI.B7E2@choice.equinox.gen.nz>
Source record: 253336

Hi all,

Does anyone know if there is software to have a phone-bbs system have a gateway or doorway into packet?

Are there any pitfalls? Has anyone done it?

Regards Mark de ZL2UFI

771. Re: How to re-learn Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 13:53:13 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan23.135313.9151@ke4zv.atl.ga.us>
Source record: 253370

In article <counselD2uF6v.J5q@netcom.com> counsel@netcom.com (Trung Quang NGUYEN) writes:
>It has been a LOOOONG time since I used Morse code (at least 10 years).
>How can I re-learn and get back to a decent level (15 to 20 WPM)? If
>anyone has gone through this experience please share with me (and may be
>to everyone.)

Sounds like you were in the 15-20 WPM range 10 years ago, so getting back to that range should be relatively easy. Just get on the air and operate. You'll be shaky at first, of course, but it'll come back surprisingly quickly.

As example, I hadn't done any Morse copy in about 27 years (since my traffic net days), but I was able to solidly copy 20 WPM telemetry from a balloon payload after an initial 5 minutes of garble copy. Of course it helped that I knew what format to expect, I was never able to do 20 WPM with unknown content plain text. Anyway, the point is that once the neural pathways are burned in, they'll still work after even a long hiatus.

I might add that copying Morse has always been a form of slow torture to me, and this time was no different. The next payload will have a machine digital link.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

772. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:01:49 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan23.140149.9241@ke4zv.atl.ga.us>
Source record: 253371

In article <1995Jan23.002047.37631@cobra.uni.edu> conklic9391@cobra.uni.edu (CHRIS CONKLIN (N0PAV)) writes:
>In article <3fttof$qtn@rouge.usl.edu>, sjm8725@ucs.usl.edu (Mahler Stephen J) writes:
>>
>> As a side bar, this system uses the same link freq for all remote receivers.
>> The user will select the desired receiver via its freq and PL combination.
>> SO the system has no voter and random IDing of links will impact performance,
>> so the desire is to ID every transmission with a sub-audible ID.
>>
>
>This is a problem- at least I see the possibility for a problem. If the
>satellite/link tx from one site hits its 10 minute ID timer - I assume (to meet
>the rules) the sucker is going to key down and spit out its/your callsign.
>What happens if someone is talking on one of the other satellites at that same
>time.

Read his plan again. He's going to ID *every* transmission. That negates the need for a separate 10 minute ID. So there will only be one transmitter on the air and IDing at a time, the one in use. However, the possibilities for conflict you outlined could still happen for *doubles*, but that can happen without remote links too.

I still maintain that notching the ID out at the central site before transmitting the audio on the 2 meter transmitter nicely solves the problem. The only person who would hear the ID is someone listening on the *link* frequency. And they'd only be doing that if they were trying to track down a problem, so having the ID audible to them is a plus, and the reason the FCC wants transmitters IDed in the first place.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

773. Re: K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:12:24 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.111.00340305@mindspring.com>
Source record: 253377

In article <3fuob9$idc@geraldo.cc.utexas.edu> oo7@astro.as.utexas.edu (Derek Wills) writes:
>From: oo7@astro.as.utexas.edu (Derek Wills)
>Subject: K1MAN
>Date: 22 Jan 1995 23:05:13 GMT

> Is this guy actually doing anything illegal? You may not like
> it, it may spoil your "traditional" net frequency, you may not
> like what he says, but on what grounds are "we" supposed to
> object to what he does, and not to what W1AW does?

> I have heard his stuff a few times, I just tune right past it,
> the same as I do with many other things on the bands that are
> annoying, dumb and objectionable but still legal.

It would be wonderful if we could just tune right passed it. However he has decided to transmit on top of us.

Yes what he is doing is illegal.

> I understand that there is a world of difference between what
> K1MAN and W1AW are doing, but it's not clear to me whether we
> are supposed to be petitioning for a change to the rules, or
> for this operator to be banned from the air because we don't
> like what he is doing legally. I don't like what a lot of
> people do with their licenses, but they are operating legally
> and I don't have to listen to it, so I don't.

If you read two messages prior to this one you will find that there are many stations taking the low road and beginning to transmit there one way information bulletins.

I like a poem I read one time. I'm sorry but I can't recall it correctly. I will try to relay what it said to me though. If someone has it I would love to have a copy.

It has to do with the Nazi take over. It said;

They came for the
Austrians (or something like that) and I did nothing because I was not Austrian.
They came for the Blacks and I did nothing because I was not Black.
They came for the Jews and I did nothing because I was not Jewish.
They came for the French and I did nothing because I was not French.
They came for me and I looked for help but there was no one left to give it.

Please get involved and write a few letters. It's not hard.

Thank you

Don Simpson

>Derek
Wills (AA5BT, G3NMX)>Department of Astronomy, University of Texas, >Austin TX
78712. (512-471-1392)>oo7@astro.as.utexas.edu

774. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:14:13 UTC
From: rlong@magnus.acs.ohio-state.edu
Message-ID: <rlong-230195091001@slip2-4.acs.ohio-state.edu>
Source record: 253366

In article <ko4ta.103.014CCF30@mindspring.com>, ko4ta@mindspring.com (Don Simpson) wrote:

> Please use the following as a sample of a letter to be mailed to the
> addressee. This letter was donated by a fellow ham to the cause.
>
What about WA0RCR who broadcasts on 1.860 MHz AM.
I think he calls it the Omega Radio Network out of
Wentzville, MO (near St. Louis). Listen sometime.
Late evenings. I don't know if he is on as many hours
per week but it seems like an operation something like
K1MAN.

Ron, w8gus.

775. Re: Contests at hamfests

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:34:36 UTC
From: mraz@maverick.aud.alcatel.com
Message-ID: <9501231434.AA11769@maverick.aud.alcatel.com>
Source record: 253367

Jeffrey Wittich wrote:
> are there other contests commonly held at hamfests?

I haven't seen these at hamfests but they are ideas off the top of my head. You could call this a "Ham Rodeo" (pun intended). Have fun.

1. CW receiving (in head) contest: Give instructions in morse and the first to follow them is the winner. Or, using headphones, each contestant in turn listens to the morse and follows instructions, morse gets faster. Winner is one who follows the most instructions correctly. Or, morse simon says. Everyone listens to the code. They are told to "send a CQ" etc. until only one remains.

2. Coax Chaos: Given two pieces of coax with mismatched connectors and a box of various adapters, connect the two cables in the least amount of time. Time deducted for using too many adapters, Etc.

3. Antenna Build (team event?): given a box of misc components, build an antenna in 15 minutes. Deduct points for high SWR, bonus points for forward gain, etc.

4. Tower climbing: up and down a tower in least amount of time. Set up temporary 40 ft tower with guys and base screw anchor. Using safety belt ring bell at the top. Sign waiver in case of injury.

776. Posting

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:41:53 UTC
From: tcnic@tecnet1.jcte.jcs.mil
Message-ID: <199501231441.IAA13266@mail.cs.utexas.edu>
Source record: 253368

A simple note to determine a way into the conversation.

777. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:52:15 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan23.145215.9529@ke4zv.atl.ga.us>
Source record: 253280

In article <3fvon6$k9o@oak.oakland.edu> ron@chaos.eng.wayne.edu (Ron Atkinson) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: In article <Steve.Hideg.1-2201951422320001@hideg.cc.nd.edu> Steve.Hideg.1@nd.edu (Steve Hideg) writes:
>: >In article <1995Jan22.171022.4265@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>: >(Gary Coffman) wrote:
>: >
>: >His take on the link ID issue is that is really not necessary from a
>: >practical point of view. If the repeater itself properly identifies, the
>: >FCC has no problem with the rest of the system. It should be obvious what
>: >the callsign is for the links based on the repeater ID.
>: >
>: >Just one man's opinion I guess, but he said that he got that directly
>: >from an FCC engineer.
>
>: Well that just goes to prove that FCC engineers don't always give
>: good answers. Lets look at a hypothetical situation.
>[stuff deleted]
>
>We had the same situation here along with nearly every other repeater
>in town. We not only talked to FCC engineers, but lawyers also and
>the FCC just isn't strict in this case. The translation on it
>basically goes something like the person who is using the link
>is technically the control operator for that link and when that
>person (or someone in a group) ID"s they are ID'ng the link.

Ok, I follow that logic, after a fashion. You, and they presumably,
are saying that whoever is using the link is a guest operator (not
just a control operator, that's different), so it's no different
in principle than if I were to borrow your HT and transmit over it
using my callsign. That would be legal if the guest operator holds
priviledges allowing such operation, and providing the guest operator
is at the *control point* of the transmitter as required by 97.109.

Unfortunately for that theory, the links are operating as part of
an automatically controlled repeater system, and the rules treat
that differently. Such a system is considered, in it's entirety,
as a single station operating under a single source of control,
and under a single license. Now 97.119 says "No station may transmit
unidentified communications or signals, or transmit as the station
callsign, any callsign not authorized to the station." Using another
station's callsign to identify the link is thus illegal.

Note that even when a repeater system is being controlled by another
amateur (who must be designated by the licensee as a control operator,

97.103b) rather than being automatically controlled, the repeater system must still ID all it's transmitters with the repeater system licensee's callsign, not the control operator's callsign. And, a licensee operating as a control operator must be at either the local or remote control point.

Since being at the link site would make the linking system moot, we must assume that the station is operating under remote control if it is not operating under automatic control, and if so, the control *cannot be exercised on 2 meters*, only on frequencies of 222 MHz or higher. Since the users of the link are transmitting on 2 meters to the remote receiver, they cannot be control operators or guest operators of either the link alone, or the repeater system in toto.

So, while individuals at the FCC may *overlook* such failures to ID with the system licensee's callsign, the licensee is nonetheless in violation of the rules as written. Since it is *not* difficult to notch out audible link IDs at the main repeater transmitting site, I'd suggest sticking with the letter of the law rather than with a verbal assurance from some FCC personnel that they will look the other way.

(Now if you got them to give a formal ruling *in writing*, that's a different story, and legally binding. I want to see such a formal ruling because it would mean I could forget about a bunch of link IDers.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

778. Re: SPECIAL EVENTS STATION!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:54:08 UTC
From: cmlong@mtu.edu
Message-ID: <3g0fug$js3@techsrv1.tech>
Source record: 253372

Hello Everyone,

The W8YY Winter Carnival Special Event Station is being set up for this year. As of now we are planning to operate W8YY for 24 hours straight from Thursday Feb. 2nd until Friday Feb. 3rd. The times will be from 6am Thursday to 6am Friday. The following frequencies will be used: >From 6am to 6pm Thursday, 14.255 Mhz. From 6pm to 11pm Thursday, 7.255 Mhz. From 11pm to 4am Friday, 3.805 Mhz, and the last 2 hour will be held on 7.255 Mhz again. We will also be monitoring 146.58 Mhz during the operation period. Anyone wishing to contact us via Packet can log in on 144.09 Mhz to the MTUBBS. Certificates will be awarded to all stations contacting W8YY during this period. Please send a large self addressed stamped envelope, certificate sized if you don't want any creases. The certificate is 8.5 x 11 inches.

--
Michael Long Public Relations Manager for HARC
234 West McNair email majordomo@mtu.edu with
1801 Townsend Dr. subscribe harc-l (for amateur radio)
Houghton, MI 49931
Electrical Eng. Tech. Major
email: cmlong@mtu.edu Electromechanical Eng. Tech Major
Phone: (906)487-0204 Michigan Technological University

779. Re: BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:54:52 UTC
From: szinski@prairienet.org
Message-ID: <3g0fvs$e2t@vixen.cso.uiuc.edu>
Source record: 253369

Jensen Kino (kino@uhunix3.uhcc.Hawaii.Edu) wrote:
: Do you know what the differences are between version 1.50a and 1.7?
: The 1.7 manual seems identical to the 1.50a manual except for making
: reference to version 1.7 in the footers.

: Thanks. Jensen KH6IFZ

I noticed the same thing also. Even the file sizes of the binaries are identical for v1.5 and 1.7. Seems a bit fishy to me. I have not noticed any differences (other than "1.7" appearing throughout) between the two versions.

--Steve

--
==========
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==========

780. Re: SPECIAL EVENTS STATION!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 14:55:15 UTC
From: cmlong@mtu.edu
Message-ID: <3g0g0j$jtb@techsrv1.tech>
Source record: 253373

Hello Everyone,

The W8YY Winter Carnival Special Event Station is being set up for this year. As of now we are planning to operate W8YY for 24 hours straight from Thursday Feb. 2nd until Friday Feb. 3rd. The times will be from 6am Thursday to 6am Friday. The following frequencies will be used: >From 6am to 6pm Thursday, 14.255 Mhz. From 6pm to 11pm Thursday, 7.255 Mhz. From 11pm to 4am Friday, 3.805 Mhz, and the last 2 hour will be held on 7.255 Mhz again. We will also be monitoring 146.58 Mhz during the operation period. Anyone wishing to contact us via Packet can log in on 144.09 Mhz to the MTUBBS. Certificates will be awarded to all stations contacting W8YY during this period. Please send a large self addressed stamped envelope, certificate sized if you don't want any creases. The certificate is 8.5 x 11 inches.

--

Michael Long Public Relations Manager for HARC
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Houghton, MI 49931
Electrical Eng. Tech. Major
email: cmlong@mtu.edu Electromechanical Eng. Tech Major
Phone: (906)487-0204 Michigan Technological University
---

781. Re: Looking for CW radiotelegraph key

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 15:03:14 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D2v5tF.2Fz@hpqmoea.sqf.hp.com>
Source record: 253374

rdkeys@csemail.cropsci.ncsu.edu wrote:

: Of all the various keys I have seen/used in about 30 years, the only one
: that holds a candle is a thing called the ``Swedish Key''. I have only
: seen three firsthand, one at a hamfest recently in Richmond that had a
: bent nosepiece (hence I would not even go near it), one that belongs
: to a good friend from whom I would not dicker about said piece), and
: the last one is the key from the Queen Mary (same design, but not
: same manufacturer --- the design is almost identical).

Ah ! A very very nice key. I've heard that the Swedish key is
still available new.

This is a design that seems to have been made by various people.

I have an oldish British Navy key which is recognisable by its
battleship grey pressed metal cover the shape and (almost) size of a
brick. Inside is the flexure hinge, the leaf-mounted contact and the
strange trapezoidal theme to all the supports, that I think you'll
recognise in the "Swedish"key. It has the contact cap screw brought out
as a micrometer, click-detent knob through the top of the grey cover.
I've always wondered if this was the ancestor of the Swedish key (or
could it be the other way around?). Could this be what you saw on the
Queen Mary? possibly stripped out of its case. It feels like the Swedish
key. Surplus in Britain, they sell for about #45 sterling.

I have a Welsh copy of the design, too. Nice brass, nice Ffestiniog
slate base, but they didn't include the leaf mounted contact. It doesn't
feel as nice, but it is a very fast key, the sort that runs away with
you. GW keys made it, I think they closed down several years ago.

A flexure-hinge key avoids all the precision demanded by good
bearings, and works well if you like narrow gaps, they feel unpleasently
non-linear if you open the gap wider. You could probably have fixed that
damaged one easily.

: The key I am after is/was made by a company called:
: ``Lennart Pettersson & Co., Hoverberg'' (Sweden?).
: I don't know if it has a particular model number.

I think you should be able to find one new, but I believe that the
price may hurt. The Brit Navy version is delightful, but the metal cover
produces resonant "Clank" noises from your keying. Sticking something
in the cover to deaden it is a good idea, also a lot of people strip off
the cases (hence my guess about the Queen Mary). I think the navy key
could be by Racal.

Cheers
David GM4ZNX

782. Re: Dif between novice&tech classes??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 15:22:00 UTC
From: wjturner@iastate.edu
Message-ID: <3g0hio$b0k@news.iastate.edu>
Source record: 253278

In article <3g0aub$ik8@acme.freenet.columbus.oh.us>,
Gerard Foley <gfoley@freenet.columbus.oh.us> wrote:
> The Class A license was open to new applicants, of a certain type,
>in 1939.

Actually, I was thinking of the Advanced class license as it was after
WWII and the change in license classes, when the A,B,C class lisences
were scrapped and they had Advanced, General, and Conditional. I think
it was even open to new applicants for a couple of years in there (after
the change), but was then closed until incentive licensing.

783. Re: Contests at hamfests

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 15:37:04 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3g0if0$a66@crchh327.bnr.ca>
Source record: 253279

```
--
In article <9501231434.AA11769@maverick.aud.alcatel.com>, mraz@maverick.aud.alcatel.com
(Kris I. Mraz) writes:
|> Jeffrey Wittich wrote:
|> > are there other contests commonly held at hamfests?
|>
|> I haven't seen these at hamfests but they are ideas off the top of
|> my head. You could call this a "Ham Rodeo" (pun intended). Have fun.
|>
|> 1. CW receiving (in head) contest: Give instructions in morse and the
|> first to follow them is the winner. Or, using headphones, each
|> contestant in turn listens to the morse and follows instructions, morse
|> gets faster. Winner is one who follows the most instructions correctly.
|> Or, morse simon says. Everyone listens to the code. They are told to
|> "send a CQ" etc. until only one remains.
|>
|> 2. Coax Chaos: Given two pieces of coax with mismatched connectors and a
|> box of various adapters, connect the two cables in the least amount of
|> time. Time deducted for using too many adapters, Etc.
|>
|> 3. Antenna Build (team event?): given a box of misc components, build an
|> antenna in 15 minutes. Deduct points for high SWR, bonus points for
|> forward gain, etc.
|>
|> 4. Tower climbing: up and down a tower in least amount of time. Set up
|> temporary 40 ft tower with guys and base screw anchor. Using safety
|> belt ring bell at the top. Sign waiver in case of injury.
|>

Yes, Yes... these are the kind of things I am looking for. Thanks and a
tip-o-the-hat to Kris.

Anybody else have any? I specifically would like to hear from anyone
who has participated in or witnessed a QLF (send CW with left foot)
event.

Thanks and 73.

Jeff (yet another one)

*******************************************************************************
AC4ZO jwittich@b4pph107.bnr.ca
*******************************************************************************
```

784. Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 15:53:03 UTC
From: miller@swcp.com
Message-ID: <D2v84G.10A@swcp.com>
Source record: 253281

Just read the "Albuquerque Journal", Jan. 23, 1995 & low and behold an article from some University Telecomm Expert saying the Internet is replacing Amateur Radio in emergency communications, siting several instances during the earthquake in Kobe. First , the landlines were down, into & out of Kobe. The Official Japanese (Radio Japan-English Broadcast) statements (paraphrased) was that this was an internal problem & they would handle the rescue efforts. Sure there were some SAR Dog Teams enroute, however, even the Internet was Kaputt, directly into the affected area. Next, with over 1.5 Million Hams in Japan, why would they need anyone's help, outside of Japan ? Health & Welfare messages are prioritized, mainly outgoing first, incoming is much later & the last thing You need is thousands of non-Japanese speaking Personal, within the affected area, because they too, could become victims. OK , You flamers, ignite Your' torches & let's see some intelligent verbage around this subject. I don't see Internet as a competitor, I see it complementing. We need to educate these People within the Media, that we all have the very same end goal. To assist , when called upon, during an emergency. hey, telephones have been around for about as long as radio, and it is not a competitor.

...Jay, WA5WHN

785. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 16:21:19 UTC
From: kb4oix@theborg.mlb.fl.us
Message-ID: <kb4oix.1376@theborg.mlb.fl.us>
Source record: 253205

to add to an earlier response....KC5LWF
(Kansas City 5 Lucky With Females)...just a thought....mine is so tuff i have
to use standard phonetics...KB4OIX...no thats tough...

Ed Jones
KB4OIX (Advanced Class) KB4OIX@theborg.mlb.fl.us
Palm Bay, Florida
---

786. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 16:32:07 UTC
From: chuck_adams@qmail.ssc.gov
Message-ID: <chuck_adams-2301951026410001@cadams.ssc.gov>
Source record: 253284

In article <28369DVNJKXRLWPUYGR@ccsnet.com>, fisherb@ccsnet.com wrote:

> DS> Just for fun, to balance things up a little, and not for public
> DS>release, of course; does anyone know of any notorious radio amateurs ?
> DS>Axe murderers, bank robbers, cannibals, politicians... etc.

I heard from a ham friend that Bernard Goetz (the guy that attacked the
group of thugs on a New York subway because they tried to rob him) is/was
a ham. I haven't checked on this myself, however.

--
Chuck Adams, WB5WRR (The Chuckster)
Not an official document of DOE, SSCL, URA or EG&G
"I cut you three ways, man: quick, deep and frequently"
Internet: chuck_adams@qmail.ssc.gov

787. Re: AX.25 information

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 16:42:38 UTC
From: jholly@cup.hp.com
Message-ID: <D2vAF3.H59@cup.hp.com>
Source record: 253282

Robert Cain (Robert@forex.demon.co.uk) wrote:
: Can anyone point me to information on the AX.25 protocol?

: Thanks.
: --
: - Robert Cain - Forex Computers Ltd. - Colchester - U.K. -
: ----------------------------v-----------------------------

The ARRL publishs the protocol. I think the cost is $8.

Jim, WA6SDM
jholly@cup.hp.com

788. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 17:11:11 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.231.000B300F@chevron.com>
Source record: 253283
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2u9Cs.Iqn@news.hawaii.edu> jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>>FCC rules part 97.403
>>Safety of life and protection of property.
>>
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> ^^^^^^^^^^^^^^^^^

>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

In the case given as an example from Southern California, I don't beleive an NAL was issued. The FCC didn't seem to have a big beef with the operator. I heard it was the Sherriff that decided the radio was to be confiscated. I myself would not be one that would surrender any of my equipment unless the local L.E. official could show what authority he was using. A badge isn't enough authority to confiscate any property without due process.

It was unfortunate that the FCC didn't seem to see fit to step in and preempt the local authorities.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

789. Re: ? QSLs from NASA Apollo special event stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 17:14:36 UTC
From: patrick_tatro@stortek.com
Message-ID: <patrick_tatro.117.7C558180@stortek.com>
Source record: 253286

In article <LEVIN.95Jan20111908@cassandra.bbn.com> levin@bbn.com (Joel B Levin) writes:
>From: levin@bbn.com (Joel B Levin)
>Subject: Re: ? QSLs from NASA Apollo special event stations
>Date: 20 Jan 1995 16:19:08 GMT

>In article <3fol0q$ifs@ixnews3.ix.netcom.com> jlockwd@ix.netcom.com (Jim
>Lockwood) writes:
> This is directed at anyone who worked one of the approximately dozen
> special event stations operating around July 20 last year to commemorate
> the Apollo moon landing.

> Have you received a QSL certificate yet?

>I sent three, have received one so far.

>Be patient.

I Sent out 6 and received back 1 and that was before the postage rates went
up. I don't expect I'll see any of the others.

73's
N0WCG

> /JBL
>=
>Nets: levin@bbn.com | "GO TO JAIL. Go directly to jail. Do not pass
>POTS: (617)873-3463 | Go. Do not collect $200."
>ARS: KD1ON | -- Parker Brothers

790. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 17:18:14 UTC
From: William_A._Kirsanoff@ccmail.anatcp.rockwell.COM
Message-ID: <9500237908.AA790881834@smtpgty.anatcp.rockwell.com>
Source record: 253285

cliffkot@netcom.com (Cliff Kotchka) writes:

References<gradyD23wG0.16D@netcom.com> <kjnD2848o.Gy6@netcom.com>,
<decastroD29vp7.53E@netcom.com>

: >Remember the guy in San Diego County who broadcast on the S.O. freq to
: >request medical aid for a crashed mtn. biker with a severe head injury.
: >He was out of range of ham rptrs but was able to access the Sheriff's.
: >He had his radio confiscated and was facing possible criminal charges.
: >The DA decided to drop the charges when faced with public outcry.

: >I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
: >he radio although hams in the area offered to replace the one
: >commandeered by the San Diego Sheriff.

: All of his grief came from the SO. The SO (illegally) confiscated his
: radio, harassed him, tried to have him charged. What they were . . .

His radio was legally confiscated because all commercial radios must be
type accepted. Ham radio gear is not type accepted and it is illegal
to modify an amateur radio transmitter to transmit on non-amateur
frequencies under any circumstances. The Ham was not charged with
operating illegally because of the emergency circumstances surrounding
the transmission. His radio, however, was unlawful and was therefore
confiscated.

A lousy deal, but what are you going to do. You can't fight the FEDS.
Even when you are right, remember, they are bigger than you are.

And I respond:

Not quite Cliff. While it is true that commercial radios must be type accepted,
it is NOT true that it is illegal in the U.S. to modify an amateur radio to have
the CAPABILITY to transmit on non-amateur bands. (Side note, this is not the
case in many other countries). It is illegal to use (transmit with) an amateur
radio for a class of service other than the amateur service, unless it is an
emergency covered under 97.403 i.e.:

97.403 Safety of life and protection of property. - No provision
of these rules prevents the use by an amateur station of any means
of radiocommunication at its disposal to provide essential
communication needs in connection with the immediate safety of
human life and immediate protection of property when normal
communication systems are not available.

A police department can not use modified FT-470 radios instead of type accepted
commercial radios for dispatch, even if all the department's officers are also

hams, the FT-470 is not type accepted for the commercial class of service. However, an operator using a non-type accepted radio on the poice bands in what is perceived to be a true life or property threatening emergency is permitted. The radio is not actually being used in the commercial service, it is being used in the commercial bands temporarily in the emergency.

If you can find any U.S. regulation prohibiting a licensed amateur from modifying or otherwise possessing a radio capable of transmitting outside the amateur bands, please send me the citation (code and section).

Oh, and by the way, the guy in San Diego was not fighting the feds, he was fighting the San Diego Sherrifs Office. The community and the county supervisors backed the ham.

Wm. A. Kirsanoff Internet:
Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
(714) 762-2872
Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI

Who are you? * I am number 2. * Who is number 1? * You are number 6.
---

791. Re: BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 17:22:51 UTC
From: tja@netcom.com
Message-ID: <tjaD2vCA3.FCq@netcom.com>
Source record: 253296

Jensen Kino (kino@uhunix3.uhcc.Hawaii.Edu) wrote:
-> Do you know what the differences are between version 1.50a and 1.7?
-> The 1.7 manual seems identical to the 1.50a manual except for making
-> reference to version 1.7 in the footers.

-> Thanks. Jensen KH6IFZ

No I don't, but when I was looking for version 1.5a I was sent a message
from someone in Germany telling me that 1.7 was available.
It may just be a bug fix from 1.5a version. Now I'm looking fir the
termhelp file for 1.7 in emglish (if there is any diferance?)
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services MCIMail: 697-7009
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880
----

792. Pro 46 scanner & 2 meter HT for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 17:47:09 UTC
From: stewart@crl.com
Message-ID: <3g0q2t$om9@crl3.crl.com>
Source record: 253287

I've got a Pro 46 scanner for sale. It's a 100 channel scanner and CAN be easily modified to recieve cellular. I'll take $150.00 for it.

I've also got an HTX-202 2 meter ham radio for sale. It works perfectly, but looks well worn. It's got 16 memories, tone squelch, tone encode, DTMF memories (four, I think), etc, etc, etc. Great rig with an amazing reciever. I'll take $130 for it.

E-mail me if you are interested in either or both.

Stewart

793. AMSOFT ads

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 17:49:13 UTC
From: Jrouse@ix.netcom.com
Message-ID: <3g0q6p$r87@ixnews2.ix.netcom.com>
Source record: 253289

Bob, WY7O, is right on the money, so to speak, regarding the blatant advertising efforts of Amsoft on this and other newsgroups. I requested the so-called "news letter" offered, and it's nothing more than an ad for the firm's CD-ROM. Period. And a quicky and alert eye will notice the ad is posted here, and elsewhere, just about every week. As far as I can tell, Amsoft is the only ham-related CD-ROM supplier to be acting in this way. That certainly convinced me which CD-ROM I WON'T buy.....
73,

de John KA3DBN

John L. Rouse Packet: KA3DBN @ KA3RFE.MD.USA.NOA
Capital-Gazette Communications Fax: (301) 464-7027
jrouse@ix.netcom.com Phones: (301) 262-3700
jrouse@dc.infi.net (410) 268-5000

794. Re: 10 meter FM. Is there Any Activity ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:15:22 UTC
From: scurrie@vnet.ibm.com
Message-ID: <3g0rnq$ef0@innsrv.sce.com>
Source record: 253288

In <3fihi4$186m@info4.rus.uni-stuttgart.de>, moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>>The arrl band plan also calls for FM simplex 29.0 to 29.3 Please stay
>>*off* of 29.3 to 29.5, as this is reserved for satellite and other weak
>>signal work. The only use I get out of my FM module is to talk to lids
>>who insist on operating on top of satellite downlinks that they can't
>>hear.
>
>Al,
>
>You are certainly right, but I do hope very much, you adress them as
>lids only when a the satellite is within reach.
>
>You have to realize that the proper FM portion is jammed by repeaters
>during openings (10 m repeaters sometimes rather prevent traffic
>than assisting it, I wish I knew why they are not shut off during sp-E)

My question is, when are they gonna CTCSS all the repeaters so I can target
a specific region and not bring them ALL up at once!!!!! ---scurrie

>
>BTW, What is "other weak signal work" in the satellite portion?
>
>73, Moritz DL5UH

_
___ __ _ _ _ _ _ _(_) ___
(_-</ _| || | '_| '_| |/ -_)
/__/____,_|_| |_| |_|___|
_____
| |
| Scott D. Currie N6ECN |
| VNET: SCURRIE at LSAVMIC1 |
| INTERNET: SCURRIE@VNET.IBM.COM |
|_____|

795. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:31:40 UTC
From: feedle@kaiwan009.kaiwan.com
Message-ID: <3g0smc$hka@kaiwan.kaiwan.com>
Source record: 253306
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Curtis Wheeler (cgwh@chevron.com) wrote:
: In article <3f6hee$hr6@macs.mxim.com> hall@macs.mxim.com (Hal Lillywhite) writes:

: >I'm happy to say, you are wrong. My FCC rule book is home so I
: >can't give you the exact chapter and verse but the FCC specifically
: >allows these transmissions in an emergency. Furthermore, congress
: >has given the FCC exclusive power to regulate radio transmission so
: >this overrides any local laws to the contrary. If you insist I will
: >look up the rule and post it.

: 97.403 Safety of life and the protection of property.
[rest of Part 97 deleted]

If my memory serves me properly, there was an incident in North San Diego County a while back where an amateur used his (modified) radio to summon assistance by transmitting on the local police frequency in an emergency.

I seem to recall that while there was no FCC-related problem, the local sheriff's department did end up confiscating the radio under local ordinance. Regardless of what the law says, local government can and does pass RF-related laws, and does enforce them (scanner bans anyone?). Up until recently, the FCC hasn't cared about pre-empting local communications law. Perhaps this is changing under pressure from the cellular business and broadcasters...

(I also remember that the radio was eventually returned to the amatuer..)

Chris Sullivan feedle@kaiwan.com 714-648-9433 (Voice Mail)
Kaiwan Customer Service 714-638-2139 (9 - 5:30pm)

796. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:37:40 UTC
From: jwdxt@boco.co.gov
Message-ID: <3g0t1k$eks@news-1.boco.co.gov>
Source record: 253290

In article <027715XJLAHQGYOVVXPQ@ccsnet.com>, fisherb@ccsnet.com says:
>
>
>Famous people who got bored than found out what boring was really like:
>
>
>WA4CZD Chet Atkins, singer

Uh, yes, he _can_ sing, but most often only tongue-in-cheek. He's
a guitar picker... No, he's THE guitar picker...

Jim

797. DX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:42:36 UTC
From: TSTABLER@iunhaw1.iun.INdiana.EDU
Message-ID: <1CDED102231@iunhaw1.iun.indiana.edu>
Source record: 253291

In the Jan-Feb issue of DX magazine, which I purchased for the first time recently, I saw an ad for William Plum, 12 Glenn Road, Flemington, NJ 08822-3322. I called him at (908)788-1020 and got his catalog of DX supplies.

In a recent listing, there were some questions besides mine about DX. Some folks I talked with felt that if you sent an addressed envelope with postage on it for the country from which you want the QSL card, you had an excellent chance of getting it. Bill Plum sells stamps from various countries and air mail envelopes along with other ham supplies.

Must admit that in the magazine, I learned how to contact D3X, who is not in the callbook.

798. Hambrew Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:47:05 UTC
From: TSTABLER@iunhaw1.iun.INdiana.EDU
Message-ID: <1CE00336A9F@iunhaw1.iun.indiana.edu>
Source record: 253292

For those who have not seen it, Hambrew is an excellent magazine for those who like to home-brew equipment. Some feel that it is oriented towards QRP, but not necessarily so.

The new price is $10/yr for the U.S., $15/yr for Mexico and Canada and $21/year for international. The magazine is a quarterly.

Their phone number is (800)5-HAM-RIG and the address is P.O. Box 260083, Lakewood, CO 80226.

I am not connected with them but have every issue. When the new issue arrives, I do nothing until I have read it from cover to cover.

799. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:55:22 UTC
From: mellis@pica.army.mil
Message-ID: <D2vGKB.7qs@pica.army.mil>
Source record: 253305

In article <chuck_adams-2301951026410001@cadams.ssc.gov>, chuck_adams@qmail.ssc.gov (Chuck Adams) writes:
>In article <28369DVNJKXRLWPUYGR@ccsnet.com>, fisherb@ccsnet.com wrote:
>
>> DS> Just for fun, to balance things up a little, and not for public
>> DS>release, of course; does anyone know of any notorious radio amateurs ?
>> DS>Axe murderers, bank robbers, cannibals, politicians... etc.
>
>I heard from a ham friend that Bernard Goetz (the guy that attacked the
>group of thugs on a New York subway because they tried to rob him) is/was
>a ham. I haven't checked on this myself, however.
>

Just a comment: What makes him infamous? He just defended himself. I realize he was convicted of carrying an unlicensed gun, or something minor like that, but that hardly puts him in the Axe Murderer/Politician class :-)

ANYWAY, there are two Thomas Clancys in the callsign server (see below). The Maryland one makes more sense, close to Washington DC?

By the way, Thomas Clancy wrote "The Hunt for Red October", "Clear and Present Danger", and several other great novels.

......Mark N2WZB

Call-Sign: NC3Y Class: EXTRA
Previously: N8RC Class: SAME CLASS
Real Name: THOMAS C CLANCY Birthday: JUL 22, 1952
Mailing Address: POB 1741, FREDERICK, MD 21701
Valid From: SEP 2, 1986 To: SEP 2, 1996

Call-Sign: N8LUK Class: ADVANCED
Previously: KB8INU Class: GENERAL
Real Name: THOMAS P CLANCY Birthday: JAN 6, 1949
Mailing Address: 25125 PAMELA CT, FLATROCK, MI 48134
Valid From: JAN 22, 1991 To: JAN 22, 2001

800. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 18:55:39 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <3g0u3b$cor@orion.aoc.nrao.edu>
Source record: 253293

I, too, saw the article in the Albuquerque Journal. It came from the Knight-Ridder News Service and probably appeared originally in the Philadelphia Inquirer. The offensive part of the quote was comparing Internet communication to Ham Radio "in the old days."

One important fact that was overlooked in the article is that health & welfare traffic into and out of Japan is prohibited. We have no third-party traffic agreement with Japan, so U.S. hams cannot handle H&W or other traffic to or from the affected area. Were that not the case, I suspect there would be quite a bit of traffic on special HF nets right now.

And, yes, with 1.5 million (or more) Japanese hams, I think that many of them probably played and are still playing an important part in emergency comms in the affected area. We will have to wait for normal communications to be restored to learn the full story, but ham radio is not just a relic from "the old days."

Dave, N1IRZ

801. NACEC vs. Amateur Radio misinformation!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:00:32 UTC
From: nacec@millcomm.com
Message-ID: <3g0ucg$tfh@news.millcomm.com>
Source record: 253308

DATE: January 23, 1995
TO: All Amateur Radio Operators, North America!
RE: Correction of misinformation circulating on NACEC's view
of the use of Amateur Radio in disaster and emergency operations.
==========

It was recently brought to my attention the many people were under the impression that NACEC (The North American Center For Emergency Communications, inc.) was in direct competition with the Amateur Radio Community in the area of providing emergency communications for disaster and emergency relief operations. Further more, it was brought to my attention, that information was circulating within the Amateur Radio Community that the goal of NACEC was to replace all emergency and disaster communications support currently provided by the Amateur Radio Community.

I do not know where this information got its start, but it could not be further from the truth. It is the goal of this organization to provide emergency communications support to those non-profit organizations working within a disaster area and direct support of the needs of the victims.

It is also the purpose of this organization to help insure that these organizations through out North America are aware of as many communications options as possible that will help them to complete their missions of aiding the the needs of disaster victims.

It has alwayse been our belief that the first line of emergency communications within a community is the Amateur Radio community. The reason for this is simple: The local Amateur Radio Operators living within the community can respond to emergency communications needs within minutes following a disaster. NACEC may take a day or more to bring its resources to bare and start providing communications within the disaster area.

NACEC actively promotes Amateur Radio as the first line of local emergency communication, and will continue to do so!

Even though NACEC is being developed to provide rapidly deployable commercial emergency communications systems to any point within North America, there is NO way the NACEC can respond as fast as the local Amateur Radio Community when a disaster strikes.

To the point that NACEC is out to replace the need for Amateur Radio in the area of emergency communications. This is a bunch of non-sence. Anyone that is truely familure with the amount of communications needed following a large disaster will also realize that the Amateur Radio Community CAN NOT meet the entire demand. It is NACEC's function to increase the amount of availabile emergency communications within the disaster area to more closely

match this demand.

Many of our volunteers and supporters throughout North America are from the Amateur Radio Community. NACEC is being developed for the simple purpose of reducing the amount of human suffering and death caused by the shortage of available communications following a large disaster. Since the start of this undertaking, we have turned to the Amateur Radio Community for support and to build a working partnership in completing this mutual mission. This is beacuse I believe the Amateur Radio Community can relate to and in many cases has experiaced first hand the tremendious need and importance of emergency communications following disasters. For this reason, we will continue to seek the support and partnership of the Amateur Radio Community, throughout North America.

If you have any questions regarding NACEC or would like to help, please either e-mail me at nacec.millcomm.com OR write me at NACEC, P.O. Box 23057, Minneapolis, Minnesota 55423.

Warmest Regards,
Edward E. Addy (KE0EG)
Executive Director
The North American Center for
Emergency Communications inc.
612-798-4269

802. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:18:32 UTC
From: depolo@red.seas.upenn.edu
Message-ID: <3g0ve8$j66@netnews.upenn.edu>
Source record: 253295

In article <3fvon6$k9o@oak.oakland.edu>,
Ron Atkinson <ron@chaos.eng.wayne.edu> wrote:
>We had the same situation here along with nearly every other repeater
>in town. We not only talked to FCC engineers, but lawyers also and
>the FCC just isn't strict in this case. The translation on it
>basically goes something like the person who is using the link
>is technically the control operator for that link and when that
>person (or someone in a group) ID"s they are ID'ng the link.

This is the same thing I've hold from several sources who claim to have
had conversations with FCC folk. I know it goes against the grain of
the current wording in Part 97, but hey, if that's what they say, then
go with it.

As a statistical point, of the 8 or so VHF and UHF voice repeater
systems that use UHF link frequencies in the Philadelphia area, only
one of them has an ID on its link transmitter.

--- Jeff

--
-=-=-=

803. Re: T-Hunt Mailing List????

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:18:39 UTC
From: marvin@rain.org
Message-ID: <3g0vef$ppi@news.rain.org>
Source record: 253299

Terry Dunlap AC6EF (dunla004@cerritos.edu) wrote:
: Can anyone tell me if there is a T-hunt mailing list?

If you ever get down to the TRW swap meet, they have a t-hunt starting at noon (easy!) and they also have information about area t-hunts. Although I am not into packet radio, I understand the list is also available somehow through that route.

804. Re: ? QSLs from NASA Apollo special event stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:21:00 UTC
From: kac4828@ariel.lerc.nasa.gov
Message-ID: <23JAN199515210543@ariel.lerc.nasa.gov>
Source record: 253294

In article <LEVIN.95Jan20111908@cassandra.bbn.com>, levin@bbn.com (Joel B Levin) writes...
>In article <3fol0q$ifs@ixnews3.ix.netcom.com> jlockwd@ix.netcom.com (Jim Lockwood)
writes:
> This is directed at anyone who worked one of the approximately dozen
> special event stations operating around July 20 last year to commemorate
> the Apollo moon landing.
>
> Have you received a QSL certificate yet?
>
>I sent three, have received one so far.
>
>Be patient.
>
> /JBL
>=
>Nets: levin@bbn.com | "GO TO JAIL. Go directly to jail. Do not pass
>POTS: (617)873-3463 | Go. Do not collect $200."
>ARS: KD1ON | -- Parker Brothers

I am not directly involved, but here at the NASA Lewis Research Center in Cleveland Ohio, we recently received the certificates for the event. With the tightning of funds at the centers, it took a long time to approve the funding. Any one working for/with the governmint will attest to this fact.

I have seen our certificate and it looks great! Approximately 500 stations worked this special event station here, and the Lewis club plans to send them out shortly. The club will eat the additional postage (this comes out of members dues). Please keep this mind when you are waiting for your certificate.

A lot of members own time went into this effort. It would have been nice to send everybody's certificate as soon as possible. The certificates should come soon!

Tom NG3Q

805. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:25:20 UTC
From: gttm@cais2.cais.com
Message-ID: <3g0vr0$21c@news.cais.com>
Source record: 253297

There's a fellow that's been doing the same thing on 160 meters (1860
kHz) for years. His call is WA0RCR, and broadcasts continuously. He
transmits on AM and tears up about 8 kHz of spectrum. Is he also in violation?
--
+ COAST GUARD COMMUNICATIONS +
| |
| Telephone: (202) 267-2860 U.S. Coast Guard (G-TTM) |
| Fax: (202) 267-4106 Washington DC 20593 |
| Internet: CGComms/g-t07@cgsmtp.comdt.uscg.mil |
+---+

806. Re: BAYCOM 1.7 Available...

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:34:15 UTC
From: szinski@prairienet.org
Message-ID: <3g10bn$dt@vixen.cso.uiuc.edu>
Source record: 253298

T.J. Alessi (tja@netcom.com) wrote:
: Jensen Kino (kino@uhunix3.uhcc.Hawaii.Edu) wrote:
: -> Do you know what the differences are between version 1.50a and 1.7?
: -> The 1.7 manual seems identical to the 1.50a manual except for making
: -> reference to version 1.7 in the footers.

: -> Thanks. Jensen KH6IFZ

: No I don't, but when I was looking for version 1.5a I was sent a message
: from someone in Germany telling me that 1.7 was available.
: It may just be a bug fix from 1.5a version. Now I'm looking fir the
: termhelp file for 1.7 in emglish (if there is any diferance?)

I just received official word from Johannes Kneip (one of the Baycom authors)
that Baycom v1.7 is a complete fake.

He stated that he has fielded over 200 messages/complaints about this bogus
version 1.7 Baycom software.

Official word is that v1.6 is the latest version of Baycom and that is is
not shareware/freeware and must be purchased.

PLEASE DO NOT DOWNLOAD OR DISTRIBUTE V1.7 BAYCOM SOFTWARE! IT IS NOT
AN OFFICIAL RELEASE AND MAY CONTAIN A VIRUS (ALTHOUGH NOT CONFIRMED).

73 de Steve N9VAH

--
==
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==

807. Q's on 40m propo

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:34:56 UTC
From: kla@helios.augustana.edu
Message-ID: <kla.790889350@news.bradley.edu>
Source record: 253307

The last few days I've finally been able to get on the
air with a 40m setup.

During the day on Saturday I was getting decent contacts.
In the evenings (0200-0400UTC) I can hear the SW broadcasters,
but my signal seems to "get lost" (no returns to CQ's)

Where is my signal going? Is 40m watlzing with the MUF (maximum
usable frequency) and not bending back? Is enough of the
broadcaster 100-500kW signal bending back to be heard, but equal
percentage of my 30 watt signal not?

wanting to learn... Cheers/73. Kevin Anderson,KB9IUA
gganderson@helios.augustana.edu and anderson@ncrsun1.ncr.usace.army.mil

808. BAYCOM v1.7 IS FAKE!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:39:09 UTC
From: szinski@prairienet.org
Message-ID: <3g10kt$1uq@vixen.cso.uiuc.edu>
Source record: 253300
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

I just received official word from Johannes Kneip (DG3RBU) of Baycom that version 1.7 Baycom software is phony.

He urges everyone to remove it from their computer and to remove it from distribution. He states that there is the possibility of a virus contained in this bogus version.

Official word has it that v1.5 is the latest shareware version and that v1.6 is the current (commercial) version.

73 de Steve N9VAH

--
==
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==

809. Re: K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:42:54 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3g10ru$95g@geraldo.cc.utexas.edu>
Source record: 253301

ko4ta@mindspring.com (Don Simpson) says:

(I asked)
>> Is this guy actually doing anything illegal? You may not like
>> it, it may spoil your "traditional" net frequency, you may not
>> like what he says, but on what grounds are "we" supposed to
>> object to what he does, and not to what W1AW does?

>> I have heard his stuff a few times, I just tune right past it,
>> the same as I do with many other things on the bands that are
>> annoying, dumb and objectionable but still legal.

>It would be wonderful if we could just tune right passed it. However
>he has decided to transmit on top of us.

To put it bluntly, "so, move". There is plenty of space
on 75m. If the guy is victimizing you and follows you
so as to put his signal right on top of yours as you move,
get someone to tape this and send it to the FCC. If he
has decided that "your" frequency is "his" frequency, well,
it's "my" frequency as well, but if there is some loud-mouth
using it, I will use a different one. Most radios have
VFOs these days, and there are over half a million hams in
the US alone, so nobody can expect a "personal frequency"
any time they want to use it. As I understand it, there
is a loophole that allows W1AW and K1MAN to start up on
top of you if they have met certain conditions, which they
have.

>>If you read two messages prior to this one you will find that there are
>>many stations taking the low road and beginning to transmit there one way
>>information bulletins.

If they are following the same rules that allow W1AW and
K1MAN to do what they are doing, then they are legal, and
we can only petition the FCC to change the rules, not to
go after the people who are operating within the rules,
however much we dislike what they are actually doing.

If they are not following the rules, then of course you
should complain - as I understand it, K1MAN is operating
within the current rules, and simply asking the FCC to
get him off the air is surely not a productive approach.

>>Please get involved and write a few letters. It's not hard.

It's also not hard to give the FCC the impression that we are just complaining about something that is quite legal. As I read it, you want him off the air because you object to his doing something legal but annoying to you personally. This is probably not going to work.

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

810. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 19:46:33 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3g112p$n19@abyss.West.Sun.COM>
Source record: 253302

In article Iqn@news.hawaii.edu, jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:
>lbutler@umcc.umcc.umich.edu (Les Butler) writes:
>
>>FCC rules part 97.403
>>Safety of life and protection of property.
>>
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> ^^^^^^^^^^^^^^^^^
>
>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

Easy now, Jeff. First, this is a policy issue and I've directed
followups to rec.radio.amateur.policy. Second, 97.403 does not
require you to go out and buy a radio you do not have; in other
words, if you are in an emergency and all you have at your disposal
is a radio, of any kind, you may use that radio to summon help.
You are not required to use CB if you do not have a CB radio
available. You are not required to use a cellular telephone if
one is available. You are certainly not required to use a mirror
to signal aircraft.

In discussing this very issue with a PRB staffer last year (from
Washington), he said essentially the above.

Anyway, use some common sense when interpreting the law. Reading
97.403 to suggest the FCC is discouraging you from summoning help in
time of a bona-fide emergency is contrary to the wording of 97.403.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Antenna waves be burnin' up my radio" -- ZZ Top *

811. Foxhunter/t-hunter list

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 20:02:09 UTC
From: pmarsh@metro.mccneb.EDU
Message-ID: <9501232002.AA13106@metro.mccneb.edu>
Source record: 253304

Someone asked about a transmitter hunt list. Send message to
listserve@netcom.com
subscribe fox-list (Your Name here)

Paul Marsh N0ZAU Omaha

812. K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 20:09:24 UTC
From: jangus@skyld.grendel.com
Message-ID: <790891764snx@skyld.grendel.com>
Source record: 253209

In article <ko4ta.111.00340305@mindspring.com> ko4ta@mindspring.com writes:

> >From: oo7@astro.as.utexas.edu (Derek Wills)
> > Is this guy actually doing anything illegal? You may not like

> Yes what he is doing is illegal.

OK, specifically Don, what is he doing that is illegal?

> I like a poem I read one time. I'm sorry but I can't recall it
> It has to do with the Nazi take over. It said;

Get it correct:

[Written by Martin Niemoeller, the German Lutheran pastor arrested
by the Gestapo and sent to Dachau concentration camp in 1938; the
Allied forces freed him in 1945:]

In Germany, the Nazis first came for the Communists, and I
didn't speak up because I wasn't a Communist. Then they came for
the Jews, and I didn't speak up because I wasn't a Jew. Then they
came for the trade unionists, and I didn't speak up because I
wasn't a trade unionist. Then they came for the Catholics, but I
didn't speak up because I was a Protestant. Then they came for
me, and by that time there was no one left to speak up for me.

(Thanks to Paul for sending it to me) paul.moor@pcgfx.com

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

813. RE: Forbidden calls again

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 20:10:34 UTC
From: curriesd@sce.com
Message-ID: <curriesd.4.00142D9E@sce.com>
Source record: 253194

Hi Gang,
I lost my original list of the forbidden calls. Can someone re-post them or send me them directly?

Thanks,
-scurrie-

814. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 20:53:54 UTC
From: Steve.Hideg.1@nd.edu
Message-ID: <Steve.Hideg.1-2301951553540001@hideg.cc.nd.edu>
Source record: 253310

In article <1995Jan23.145215.9529@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) wrote:

> Unfortunately for that theory, the links are operating as part of
> an automatically controlled repeater system, and the rules treat
> that differently. Such a system is considered, in it's entirety,
> as a single station operating under a single source of control,
> and under a single license. Now 97.119 says "No station may transmit
> unidentified communications or signals, or transmit as the station
> callsign, any callsign not authorized to the station." Using another
^^
> station's callsign to identify the link is thus illegal.

How does one authorize a call to a station? What if I say that all legally
licensed calls are authorized to use my link?

> Note that even when a repeater system is being controlled by another
> amateur (who must be designated by the licensee as a control operator,
> 97.103b) ^^^^^^^^^^^^^^^^^^^

---

815. Re: TCPIP for Windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 21:02:39 UTC
From: archer@eskimo.com
Message-ID: <D2vMGG.6rn@eskimo.com>
Source record: 253314

In article <proven.790652712@mistral.ERE.UMontreal.CA>, proven@ERE.UMontreal.CA (Provencal Richard) says:
>
>I am looking for TCP/IP for Windows. Any information where
>to get it if it exist, would be very much appreciated.
>Thank you very much.
>Richard VE2OTT

There is a package called etherax25.zip that I got off of ftp.ucsd.edu, that will do ax.25 stuff on top of a packet driver, and then I can run Trumpet Winsock on top of that in Windows to give me tcp/ip and Winsock interface to Windows. I use this sometimes to connect across my ethernet interface to my DOS box which is running JNOS and my radios. Let's me do multiple connects over to JNOS and beyond.

Curt, WE7U.

816. Re: Tracking Transmitters for Animals ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 21:12:34 UTC
From: archer@eskimo.com
Message-ID: <D2vMwy.7Ix@eskimo.com>
Source record: 253309
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <3flvok$s6o@feenix.metronet.com>, kf5mg@kf5mg.ampr.org says:
>
>In <deane.r.charlson-1901950825170001@botanybay.gsfc.nasa.gov>,
deane.r.charlson@gsfc.nasa.gov (Deane R. Charlson) writes:
>>I was wondering if anyone had information on companys or individuals who
>>make very small transmitters which are used to track animals. I'm looking
>>for something that would go on a dog/cat collar and run for at least a day
>>or two. Any information would be greatly appreciated. THANKS!

While I was at WSU, I examined for a few weeks a radio collar that the U of I
(Moscow, ID) people were using at the time for tracking cougars in Idaho.
That might be someplace to start. The guy I borrowed it from was the
licensee of the WSU amateur radio club, but can't remember his call.
The club's call is w7yh, and I have a URL for their club if you want it.

I also know about a LARGE project in Oregon in the Starky area, where they are
automatically tracking elk movements by computer.

Good Luck,
Curt, WE7U.

817. 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 21:13:11 UTC
From: morawski@starbase.azrael.mitre.org
Message-ID: <MORAWSKI.95Jan23161311@starbase.azrael.mitre.org>
Source record: 253316

73 is a "numbered radiogram". It is a shortcut used when passing message
traffic to abbreviate certain stereotypical phrases. For example,
73 = best regards,
88 = love & kisses,
61 = merry Christmas (if memory serves me)
Look in the back of any ARRL logbook for a complete listing. I would guess
there are 40 or 50 numbered radiograms there.

Paul Morawski, AA3DD
morawski@ai.mitre.org

818. Yaesu FT 5100 Mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 21:14:28 UTC
From: jwdxt@boco.co.gov
Message-ID: <3g167k$hk8@news-1.boco.co.gov>
Source record: 253213

Sorry - I'm sure somebody posts this request all the time, but I'm the proud new owner of an FT 5100 dual band mobile rig and I'd sure appreciate someone posting the mods. Thanks -
Jim Deeming
KB0MED

819. NC Tech Class near Oakland CA ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 21:36:53 UTC
From: wcph@netcom.com
Message-ID: <wcphD2vo1H.F6L@netcom.com>
Source record: 253311

Howdy;

I am looking for pointers to a course to prepare one for
the no code tech exam. Berkeley or Oakland venues preferred.

Thanks folks,
-Morgan WA6KSX

820. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 21:44:14 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3g17ve$sr6@fido.asd.sgi.com>
Source record: 253210

battin@cyclops.iucf.indiana.edu (Laurence Gene Battin) wrote:
>
> In article <3fnlts$9ss@agate.berkeley.edu>, Tommy the Tourist (Anon User)
(nobody@csua.berkeley.edu) wrote:
> > > Best rule of thumb, UNPLUG and GROUND all your antennas.
> >
> > > Kevin
>
> > I have read this advice before, but I do not understand why the grounding.
> > Wouldn't grounding the coax end make the antenna "more attractive" to a
> > lightning strike? I always thought that lightning would try to see ground,
> > and it seems to me that by grounding the end of the feedline, you are putting
> > the skyhook side of the system at ground potential.
>
> > Perhaps somebody can explain where I am going wrong on this one.
>
> Grounding your antenna isn't suggested in order to _prevent_ lightning
> from striking it. When a lightning bolt strikes _anything_ near your
> antenna it will induce a very high voltage surge in your antenna
> (think of the lightning bolt as being a _very_powerful_ spark transmitter
> and your antenna as being the unwilling receiver). Providing a low-impedance
> path to ground for these induced voltages is a good idea.
>
....
> --
> Gene Battin, N9XAM
> battin@iucf.indiana.edu

Why ground Towers and Buildings?
(From what was taught in grade school, so not too scientific.)

In addition to the above, grounding can reduce the chances of a direct
hit. When atmospheric charge builds up in clouds it induces an equal
and opposite charge in objects near it. So if there is +X volts on the
cloud (I know charge is measured in coulombs, but for simplicity...)
-X volts will be induced in your antenna. This results in a potential
difference of 2X volts. If 2X volts is enough to traverse the intervening
air, lightning strikes. Now if your tower is grounded, the potential
difference is reduced to X thus reducing the chances of arcing. The
idea here is to 'show' a ground rather than let lightning 'find' its
way to the ground thru your system. So if lightning still strikes, at
least part of your equipment (and you) will be saved.

This is also a reason to use metallic guy wires and metallic lines to
keep your dipole up. If there is a charge induced in the antenna, it

can arc over the insulators to the grounded support lines.

Aditya
KE6PRL.

[They tell you, in case of lightning, your car is a safe place to be.
Surely, electricity that has travelled hundreds of yards in the air
is not going to be put off by a few inches of rubber.]

821. "Subcarrier" Radio Anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 22:10:58 UTC
From: ernie@hoqst1.ho.att.com
Message-ID: <D2vpMC.4qp@nntpa.cb.att.com>
Source record: 253224
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

I would appreciate any lead on what is known (at least in some circles) as "subcarrier radio." My limited understanding is this is a FM type broadcast which requires a modified FM receiver to receive. In other words, the standard AM/FM radio set would not be able to process the "subcarrier" signal. Hence the broadcasters typically sells these receivers to their listening audiences. This is typically done in non-English speaking ethnic communities, because I imagine it's much cheaper to set up these operations than with a traditional AM or FM radio station.

Any lead (i.e, FCC regulation, equipment provider, etc.) would be much appreciated. Thanks.

Ernie
ernie@hoqst1.ho.att.com

822. Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 22:52:09 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199501232254.OAA16739@ucsd.edu>
Source record: 253317

dave...

some comments on the famous ham list.

i would vote for purging the SKs into their own list.

i believe the "andy griffith" entry was questioned recently.

73, bill

823. WWW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 22:55:02 UTC
From: hmm@netcom.com
Message-ID: <hmm-2301951755020001@192.0.2.1>
Source record: 253219

Anyone know of any WWW pages dedicated to (or atleast have good) HAM radio stuff?

--
| Scott Szretter bbs:508-655-8927 - email:hmm@netcom.com |
| infolink: 5:18:1 - fidonet: 1:333/927 |
| ftp: ftp.netcom.com /pub/hm/hmm |
| www: ftp://ftp.netcom.com/pub/hm/hmm/www/homepage.html |

824. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 23:02:06 UTC
From: John Novotny <novotny@nosc.mil>
Message-ID: <1995Jan23.230206.15174@nosc.mil>
Source record: 253312
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

lbutler@umcc.umcc.umich.edu (Les Butler) wrote:
>
> In article <decastroD2tr5p.5qI@netcom.com>,
> Richard A. De Castro <decastro@netcom.com> wrote:
> >cliffkot@netcom.com (Cliff Kotchka) writes:
> >
> >
(bunch of stuff deleted)
>
>
> FCC rules part 97.403
> Safety of life and protection of property.
>
> No provision of these rules prevents the use by an amateur station of any
> means of radiocommunication at it's disposal to provide essential
> communication needs in connection with the immediate safety of human life
> and immediate protection of property when normal communication systems
> are not available.
>
>
>
>
> --
> Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
> lbutler@umcc.umich.edu Compuserve 72673,321
> Ham Callsign expected in Feb. Have a great Day!

Perhaps this is one of the reasons Sheriff Jim Roach is now the ex-sheriff of
San Diego! It was sure one of the reasons why I didn't vote for him.

John

825. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 23:02:15 UTC
From: John Novotny <novotny@nosc.mil>
Message-ID: <1995Jan23.230215.15232@nosc.mil>
Source record: 253313
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

lbutler@umcc.umcc.umich.edu (Les Butler) wrote:
>
> In article <decastroD2tr5p.5qI@netcom.com>,
> Richard A. De Castro <decastro@netcom.com> wrote:
> >cliffkot@netcom.com (Cliff Kotchka) writes:
> >
> >
(bunch of stuff deleted)
>
>
> FCC rules part 97.403
> Safety of life and protection of property.
>
> No provision of these rules prevents the use by an amateur station of any
> means of radiocommunication at it's disposal to provide essential
> communication needs in connection with the immediate safety of human life
> and immediate protection of property when normal communication systems
> are not available.
>
>
>
>
> --
> Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
> lbutler@umcc.umich.edu Compuserve 72673,321
> Ham Callsign expected in Feb. Have a great Day!

Perhaps this is one of the reasons Sheriff Jim Roach is now the ex-sheriff of
San Diego! It was sure one of the reasons why I didn't vote for him.

John

826. "no-code" bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 23:05:58 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199501232310.PAA21310@ucsd.edu>
Source record: 253315

>I agree wih you here, but just as in Boy Scouts, Church groups,
>etc, to become a member you must pass through an inital test or
>comon bond. Morse will forever be that common bond for me, something
>easy to relate to, and remove from a simple government testing process.

i think we're already close to having a pretty good percentage of the current
ham population's initial test not include morse skills.

>I have never met someone, who with a little effort and support could not
>master the minimal requirements of morse.

you can lead a horse to water, but you can't make him drink...morse code was
the excuse people gave for not getting a ham license years ago. now, they
have to be more frank about it.

>... Give a man a fish, fed for a day. Teach a man to fish, fed for life

until the river or lake is fished out...then everyone starves.

bill wb9ivr

827. ARLX005 Balloon launch slated

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 23:13:53 UTC
From: w1aw@arrl.org
Message-ID: <$arlx005.1995@ampr.org>
Source record: 253246
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX005
ARLX005 Balloon launch slated

ZCZC AX74
QST de W1AW
Special Bulletin 5 ARLX005
From ARRL Headquarters
Newington CT January 23, 1995
To all radio amateurs

SB SPCL ARL ARLX005
ARLX005 Balloon launch slated

On February 4, 1995, the North Texas Balloon Project, sponsored by the Lockheed Radio Club in Fort Worth, will launch its sixth high altitude balloon experiment carrying Amateur Radio.

The payload includes a variety of radios and instruments that can easily be used by any amateur with a Technician or higher class license:

A crossband FM repeater will operate 147.580 receive and 445.850 MHz transmit; flight data, including GPS position, will be transmitted by 1200 baud AFSK (packet) on 144.290 MHz; and a live, elevation-controlled, color video camera will be used with a 10-watt ATV transmitter, on 439.250 MHz.

According to Doug Howard, KG5OA, the ATV frequency is cable television channel 60, and an outdoor antenna, along with a television tuned to cable channel 60, should provide acceptable pictures.

The balloon is expected to reach 100,000 ft about two hours after launch, giving it a radio horizon of about 400 mi. The launch is scheduled for 1400 UTC; if it is delayed, the launch will be rescheduled for February 5 or the following weekends.
NNNN
/EX

828. Re: Hambrew Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-23 23:44:56 UTC
From: riyadth@boi.hp.com
Message-ID: <D2vtyx.JJ7@boi.hp.com>
Source record: 253179
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

Hello,

In article <1CE00336A9F@iunhaw1.iun.indiana.edu>,
Tim Stabler <TSTABLER@iunhaw1.iun.INdiana.EDU> wrote:
> For those who have not seen it, Hambrew is an excellent magazine for
> those who like to home-brew equipment. Some feel that it is oriented
> towards QRP, but not necessarily so.
>
> The new price is $10/yr for the U.S., $15/yr for Mexico and Canada
> and $21/year for international. The magazine is a quarterly.
>
> Their phone number is (800)5-HAM-RIG and the address is P.O. Box
> 260083, Lakewood, CO 80226.
>
> I am not connected with them but have every issue. When the new
> issue arrives, I do nothing until I have read it from cover to cover.

I would just like to say that I agree completely. I liked my first issue
so much I ordered all the back-issues.

Hambrew certainly isn't on the level of Communications Quarterly when it
comes to heavy theory and complex, advanced designs, but they do a great
job of addressing the QRP enthusiast. Constant improvements to existing
designs are presented, and new ideas are discussed for readers to
experiment with.

I have no affiliation to Hambrew magazine, other than I, too, read it
from cover to cover.

-Riyadth Al-Kazily
riyadth@boi.hp.com
--
-- Riyadth Al-Kazily Hewlett-Packard Advanced LaserJet Operation --
-- riyadth@boi.hp.com (208) 396-4987 Boise, Idaho KB7YWE DoD #295 --

829. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 00:11:45 UTC
From: grady@netcom.com
Message-ID: <gradyD2vv7L.L0s@netcom.com>
Source record: 253322

I also agree that the ARRL should not monopolize amateur frequencies.

If they want to broadcast, then they should get a regular shortwave
license like everyone else. K1MAN is only following the lead of ARRL
in exploiting a public resource for personal gain.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

830. HAMCALC9.ZIP

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 00:16:50 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <RaPeZc2w165w@voxbox.norden1.com>
Source record: 253201
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,alt.radio.pirate

-----BEGIN PGP SIGNED MESSAGE-----

Some have expressed interest in having the VE3ERP HAMCALC9 programs unpack with PKUNZIP -D and still be located in and work from elsewhere than the root directory. I have reworked the files so they work off \HAMCALC. If I missed a program, please let me know.

I didn't change anything else. It's too good the way it is.

I called the revised zip HAMCALC0.ZIP.

I'll send it uuencoded by e-mail to anyone who asks. Free, of course, but donations to MDA are urged or the Canadian charity VE3ERP requested.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLyRHmN74r4kaz3mVAQFI3QP9FWC3VQgYLqc04g9/uu0AMljLE4M3WLX5
UkNlqiwamS1sFvg/PnFWhU/YjerZqvh1fXT1LIRPha2Vv8kidkCIULFLd9Dar+mx
SuOZQmfIinO49eod7PCxGEar+2chyCXpiJutrRxbW703mWDJ++XUrDHMqL+kwvFH
kROVu3JEcz4=
=o0KE
-----END PGP SIGNATURE-----

831. Re: INFO WTD ICOM W2A

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 00:22:23 UTC
From: grady@netcom.com
Message-ID: <gradyD2vvpB.M8s@netcom.com>
Source record: 253318

I've owned four of the ICW2A and still think they are a great HT.

The expanded xmit mod give you 121 to 174 and 410 to 490,
receive gives you 800 band. Has a lot of good scanning functions,
such as individual frequncy lockouts.

Minor minuses include weak audio and non-lighted keypad.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

832. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 00:29:20 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Jan24.002920.20727@ttinews.tti.com>
Source record: 253326

In article <28369DVNJKXRLWPUYGR@ccsnet.com> fisherb@ccsnet.com writes:
>
>
>
>DS> Just for fun, to balance things up a little, and not for public
>DS>release, of course; does anyone know of any notorious radio amateurs ?
>DS>Axe murderers, bank robbers, cannibals, politicians... etc.
>
>DS> Cheers
>DS> David GM4ZNX
>
>Mark Rudd was a ham (a 60s radical and a ten most wanted).

Richard (ex-JAC) Burton of 147.435 fame. Twice convicted of Part 97 violations.
..known as 'the Whale'...'the Leader of the Element'..and an all-round nasty
sort of guy - esp when jamming a repeater. Just ask the MWRA members...

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

833. Idea's for No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 00:42:56 UTC
From: bshapiro@kaiwan009.kaiwan.com
Message-ID: <3g1ieg$nkk@kaiwan009.kaiwan.com>
Source record: 253319

I just upgraded to Tech _PLUS_ a few weeks ago. Before I got my ticket I decided that I would not keep my nocode more than a couple of months. I felt that if I really liked radio I would take the time and commitment to learn the code. IT WAS EASY. It took me about two weeks. I can now easily copy around 10 WPM. I think the FCC should change the licensing procedure to only allow people to stay a NO-CODE for a year. And then upgrade to TECH-PLUS or GENERAL. I believe the novice licensing procedure used to be similar.

CUL ES 73 DE KE6MVB

--

I can't believe it, I said something smart!
-Ben KE6MVB Shapiro bshapiro@kaiwan.com

834. Re: BAYCOM v1.7 IS FAKE!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 00:56:34 UTC
From: tja@netcom.com
Message-ID: <tjaD2vxAB.4Hq@netcom.com>
Source record: 253320
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Steve Zinski (szinski@prairienet.org) wrote:
-> I just received official word from Johannes Kneip (DG3RBU) of Baycom that
-> version 1.7 Baycom software is phony.

Steve

I have removed it from my FTP directory.

--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services MCIMail: 697-7009
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880
---

835. MFJ High-Q/AEA IsoLoop

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 01:05:12 UTC
From: thom@li.net
Message-ID: <3g1jo8$a29@linet01.li.net>
Source record: 253183

Hi aand thanks in advance for your help.

I'm looking into the AEA IsoLoop and the MFJ-1786 High Q loop antennas.
If you have any experience with either of these sytems, I'd appreciate
hearing from you.

Thanks again es 73
de Tom WB2QDG

thom@li.net

836. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 01:58:54 UTC
From: tomb@lsid.hp.com
Message-ID: <D2w067.6H4@hpcvsnz.cv.hp.com>
Source record: 253225

Ron Atkinson (ron@chaos.eng.wayne.edu) wrote:

: We had the same situation here along with nearly every other repeater
: in town. We not only talked to FCC engineers, but lawyers also and
: the FCC just isn't strict in this case. The translation on it
: basically goes something like the person who is using the link
: is technically the control operator for that link and when that
: person (or someone in a group) ID"s they are ID'ng the link.

Yikes. I'm not real happy with the idea that when I talk through a repeater, I might be considered the control operator, but I might be able to accept that, since I'm consciously bringing up the repeater. But I _really_ have a problem with being considered the control operator of the link on a remote receiver which I don't even know exists. This just doesn't wash.

Seems like Gary's suggestion of notching out the ID is an excellent one. With a high pitch, the CW will be a very narrow percentage bandwidth, especially if it's properly shaped, and an extremely narrow filter will wipe it out cleanly and quite inaudibly. I'd suggest somewhere between 2.5 and 3.0 kHz.

Another possibility if you can make the system smart enough is just let the remote receivers id the whole system: have them id the same way and at the same time as the repeater would, if the input signal was coming through the local receiver at the repeater site, and suppress the repeater id so long as an id is coming through a remote link.

But in any event, please do put an obvious ID onto the link. I've come across some links around here that don't ID and sound for all the world like simplex conversations. People seem to get either puzzled or upset when I break into such converstions on the link frequency...

73,
K7ITM

837. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 02:24:40 UTC
From: bob@texas.net
Message-ID: <3g1od8$aj0@cactus.texas.net>
Source record: 253222

In article <ko4ta.99.0064544D@mindspring.com>, ko4ta@mindspring.com (Don Simpson) says:

>There is a tremendous problem on HF that threatens amateur radio as a whole.
>You see there is a station on 3.975 mhz and 14.275 mhz, that has decided
>to broadcast a message to the listening world. It is a simulcast of a loop
>tape.
>
>He plays an endless loop tape often from an unattended transmitter site.
>He has decided what he wants to do with this frequency is better for
>amateur radio than what we could do with the frequency. He plays a 45 minute
>tape every other hour.

[snip]

>The good news is we can stop this man. Not just I but all of
>us. Collectively we have a tremendous amount of leverage. If all of us
>mobilize we can force the FCC to make a ruling on the matter.

[snip]

>Now is the time to move. We need everyone's help. We can squash this guy
>like a pesky mosquito if everyone will take 10 minutes and write three
>letters. One letter should go to your congresman. One letter to your
>senator. Finally send a letter to the FCC requesting a ruling on the matter.

[snip]

>
>Please I ask you. Sit down and write your congressmen, senator and
>the FCC.
>
>Sincerely,
>
>Don Simpson
>

First, I do not believe that petitions for FCC to come to our rescue are the correct response to a problem like this. There is an army of Official Observers out there to collect evidence of wrongdoing like this. They are effective, and my experience is that documentation of real wrongdoing [broadcasting, interference] from OOs trained to do it right will go much further than spamming the FCC with "astro turf" [artificially solicited grass-roots public comments] demanding that they deal with the problem.

Regarding letters to Congress--is this petty squabbling the way we really want to present the hobby to members of Congress???!? I think not. It bloodies ones nose to spite the face. The Congressman you write may well remember the whining and

bickering he sees in such a letter rather than the public service performed during a local emergency. When my kids come wallering to me with "he took my ball" kind of arguments, I get pissed because I have to be involved at all. Such is likely to be your favorite Congressman's reaction.

Finally, before you decide to go ahead and take Don up on his plea, take the time to hear this alleged abuse for yourself--many people jump into such activistic causes only to find that the guy pleading for your action is really grinding another axe, trying to get even 'cause the other guy's Johnny knocked up his little Betty or something similar. I don't know if Don has a legitimate gripe or not--I don't know him from Adam, and am not about to go off spamming the Commission just 'cause he says I should!

Use the ARRL and the OO system. Don't knee-jerk and go off half-cocked.

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

838. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 02:36:55 UTC
From: bob@texas.net
Message-ID: <3g1p47$bap@cactus.texas.net>
Source record: 253324

In article <ko4ta.99.0064544D@mindspring.com>, ko4ta@mindspring.com (Don Simpson) says:
>
>There is a tremendous problem on HF that threatens amateur radio as a whole.
>You see there is a station on 3.975 mhz and 14.275 mhz, that has decided
>to broadcast a message to the listening world. It is a simulcast of a loop
>tape.
>
>He plays an endless loop tape often from an unattended transmitter site.
>He has decided what he wants to do with this frequency is better for
>amateur radio than what we could do with the frequency. He plays a 45 minute
>tape every other hour.

>I have been told by a senior official with the FCC that now is the time to
>move and we should move by writing letters and getting petitions signed.

I forwarded this to the FCC so they'd get an idea of what caused the sudden
inrush of "astro turf" [solicited artificial grass-roots public comment]
Who is this high-ranking FCC official?

>Now is the time to move. We need everyone's help. We can squash this guy
>like a pesky mosquito if everyone will take 10 minutes and write three
>letters. One letter should go to your congresman. One letter to your
>senator. Finally send a letter to the FCC requesting a ruling on the matter.

There's a proper way to deal with illegal operations like willful interference
and broadcasting. Call your ARRL section manager and get the official observer
hordes to start monitoring. They are trained to document such things and are
a lot more likely to get results than spamming the FCC with complaints.

>Please I ask you. Sit down and write your congressmen, senator and
>the FCC.
>
>Sincerely,
>
>Don Simpson
>

Please, I ask you--take the time to monitor and find out what's really going on.
Don't complain just because Don says you should--I don't know him from Adam and
am not about to write the FCC or Congress just because he says I should. Also,
I don't think your Congressman or Senator really wants to get involved in a petty
squabble like this. I don't want this sort of bickering to be how they remember
ham radio when spectrum allocation issues come up before them--do you?

Bob Scott WY7O | Roses are red, Violets are blue

bob@texas.net | I'm schizophrenic, And so am I

839. packet with scanner

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 02:55:27 UTC
From: jdgan@symnet.net
Message-ID: <3g1q6v$qte@core.symnet.net>
Source record: 253186

Is there any way to copy packet with a scanner? I would like to try using
a Bearcat100xlt and a IBM PC Convertible laptop.
I know I'll need some packet software but is a TNC really mandatory for
recieve only?
--
Sig

840. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:02:17 UTC
From: dave@eram.esi.com.au
Message-ID: <3g1qjp$1kf@eram.esi.com.au>
Source record: 253323

In article <3fhm0p$ev3@fido.asd.sgi.com>,
Aditya Angrish <aditya@corp.sgi.com> writes:

| > Nehru Gandhi

| Dave, perhaps you mean
|
| Jawaharlal Nehru - X Prime Minister of India. (1st PM of India)
| (father of Indira Gandhi - X Prime Minister of India)
| Grand father of Rajiv Gandhi (VU2RG) - X Prime Minister of India.

Ah yes - that would explain it! Thanks.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

841. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:03:15 UTC
From: dave@eram.esi.com.au
Message-ID: <3g1qlj$1m6@eram.esi.com.au>
Source record: 253325

In article <mosier.342.0@fagan.uncg.edu>,
mosier@fagan.uncg.edu (Stephen Mosier) writes:

| This list has been around before, but here it is again.

Cripes - my list has taken on a life of its own! I suppose I'd better
post it more often.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

842. Re: FCC Change of Address form

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:03:27 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D2w35r.B0z@zeno.fit.edu>
Source record: 253191

In article <D3H554.95Jan19083503@foghorn.pnl.gov>,
Curtis N. Bingham <d3h554@foghorn.pnl.gov> wrote:
>I've (not so) recently moved, and need to notify the FCC of a change
>of address. If I remember correctly, there was a form in the back of
>the Now Your Talking book, but that has long since been loaned out and
>never returned. Does anyone have any pointers on obtaining a new
>form?

You need an FCC Form 610. Available from the FCC, the ARRL or for a
self-addressed stamped envelope and a scrap of paper telling us what
you want, from The Space Coast Amateur Technical Group. (use my
callbook address to do that).

you fill out section 1 of the 610 indicating you want to change your
address, attach a copy of your current license and send it in.

what could be easier..?

(by the way, if you get a form 610 that has a bunch of boxes at the top
for things like date of CSCE or similar, that's an old form and is no
longer being accepted...the new forms start off with section I at the
top, have the VE sign off blocks at the bottom and the medical waiver
on the back.)
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

843. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:05:15 UTC
From: gringo@gwis2.circ.gwu.edu
Message-ID: <3g1qpb$9fm@cronkite.seas.gwu.edu>
Source record: 253327

The International Amateur Radio Network (IARN) is a worthy organization that has aided the recovery of disasters in Mexico, Bougainville (Papua New Guinea) and Somalia, among others. Let's give Glenn Baxter some credit!

Nick Grace C.
E-mail: gringo@gwis2.circ.gwu.edu
KA1UXT

844. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:05:32 UTC
From: dave@eram.esi.com.au
Message-ID: <3g1qps$1o7@eram.esi.com.au>
Source record: 253195

In article <199501232254.OAA16739@ucsd.edu>,
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM writes:

| i would vote for purging the SKs into their own list.

Mmmm... No disrespect, but why?

| i believe the "andy griffith" entry was questioned recently.

Yes.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

845. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:06:36 UTC
From: morawski@starbase.azrael.mitre.org
Message-ID: <MORAWSKI.95Jan23220636@starbase.azrael.mitre.org>
Source record: 253178

73 is a "numbered radiogram". It is a shortcut used when passing message
traffic to abbreviate certain stereotypical phrases. For example,
73 = best regards,
88 = love & kisses,
61 = merry Christmas (if memory serves me)
Look in the back of any ARRL logbook for a complete listing. I would guess
there are 40 or 50 numbered radiograms there.

Paul Morawski, AA3DD
morawski@ai.mitre.org

846. Re: Amateur, not ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:07:37 UTC
From: dave@eram.esi.com.au
Message-ID: <3g1qtp$1pk@eram.esi.com.au>
Source record: 253197

In article <3ff8nh$f89@matrix.eden.com>,
davros@news.eden.com (Buddy Brannan) writes:

| In American publications, I've seen it spelled "licensed". However, I
| recall reading an old British book on ham radio (circa 1960), which
| definitely spelled the word "licenced", and further, the word which means
| "a document granting certain priveleges blah blah blah" was spelled
| "licence".

Correct - most of the world spell it that way in fact. For some reason
USA do not.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

847. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:09:54 UTC
From: dave@eram.esi.com.au
Message-ID: <3g1r22$1r7@eram.esi.com.au>
Source record: 253196

In article <D2n9Ft.72I@hpqmoea.sqf.hp.com>,
dstock@hpqmdla.sqf.hp.com (David Stockton) writes:

| Just for fun, to balance things up a little, and not for public
| release, of course; does anyone know of any notorious radio amateurs ?

Sure - K1MAN etc.

| Axe murderers, bank robbers, cannibals, politicians... etc.

Several politicians are/were amateurs - check my list.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

848. Presentation / Guest Speaker(s) for Club Meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:13:48 UTC
From: matthewg@xmission.com
Message-ID: <3g1r9c$lql@xmission.xmission.com>
Source record: 253180

I was curious if anyone has been an officer of a club who has had the opportunity to schedule and or find presentations or speakers for club meetings?

I am the lucky ham that gets this job in the club I belong to! If anyone has had some experience with this, or has some good ideas, please drop me a line.

Thanks...

Max George AB7GM es 73!

849. club meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:14:53 UTC
From: normjt@aol.com
Message-ID: <3g1rbd$8pn@newsbf02.news.aol.com>
Source record: 253223

greetings:
The xyl and I will be in London this spring, and would like to attend a club meeting there or possibly a hamfest. Can anyone tell us how to find out where and when ?
73,
Norm N3KLR

850. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:15:29 UTC
From: ron@chaos.eng.wayne.edu
Message-ID: <3g1rch$sds@oak.oakland.edu>
Source record: 253181

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: Ok, I follow that logic, after a fashion. You, and they presumably,
: are saying that whoever is using the link is a guest operator (not
: just a control operator, that's different), so it's no different
: in principle than if I were to borrow your HT and transmit over it
: using my callsign. That would be legal if the guest operator holds
: priviledges allowing such operation, and providing the guest operator
: is at the *control point* of the transmitter as required by 97.109.

: Unfortunately for that theory, the links are operating as part of
: an automatically controlled repeater system, and the rules treat
: that differently. Such a system is considered, in it's entirety,
: as a single station operating under a single source of control,
: and under a single license.

Where does it say that in the rules? It sounds purely like a personal translation that every radio involved in a repeater system is part of the repeater. That would also mean that someone who sets up a crossband repeater between a simplex and repeater frequency would become an entity of that repeater system if the rules were written as you state and it would require an ID of the repeater system.

Most people are just used to thinking of the repeater system as a whole, but the FCC doesn't think that way when you give them a call and ask them. Each link is considered a different station and not treated as a whole system. This is the same sitiuation in packet where someone has a system at home and one at a remote somewhere that is linked to their own system. Each one is a seperate system and not treated as a whole. When a user transmits they are the one that is controlling the remote link transmitter to be enabled. By not transmitting the link is shut off. The rules are very simple to accomodate situations such as this. Ask an FCC lawyer rather than try to translate it personally and state it as a rule. That's what we did when we were putting up 4 remote links to solve our problem of whether or not an ID is required.

On a different note, have you tried the idea of filtering out an ID at the main site if you do ID at a higher audio frequency? Just wondering how it would really work (sounds good, but things never seem to be easy to get working :-) If in doubt as to the rules you can always ID to be on the safe side just in case they a new lawyer comes in who translates it differently. I'd like to know of a decent way too.

Ron N8FOW

851. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:21:12 UTC
From: wjturner@iastate.edu
Message-ID: <3g1rn8$1mk@news.iastate.edu>
Source record: 253227

In article <3g0u3b$cor@orion.aoc.nrao.edu>,
Dave Finley <dfinley@newshost.aoc.nrao.edu> wrote:
>And, yes, with 1.5 million (or more) Japanese hams, I think that
>many of them probably played and are still playing an important part
>in emergency comms in the affected area. We will have to wait for
>normal communications to be restored to learn the full story, but
>ham radio is not just a relic from "the old days."

A bit off the subject, but ABC (I think) ran a story this evening on the national news about the relief effort (or lack of it...) in Japan. It seems that they have a horrible problem with red tape. Soldiers digging for hours for bodies, and when they find one they have to wait until the police arrive because they aren't allowed to move them without a police officer present... Search and Rescue teams from other countries detained for days to fill out paper work, and then they are thrown out in the streets without so much as a guide or translator... A dozen police officers directing traffic at a corner where the traffic light was repaired because no one at the scene had the authority to decide they weren't needed anymore...

Seems that the hams in Japan could be having a *lot* more difficulty in helping out in this type of situation than we do here in the US. (For those of us in the US...)

852. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:24:57 UTC
From: sdarragh@cisco.com
Message-ID: <sdarragh-240195112457@171.68.252.87>
Source record: 253182

No doubt about the self-defense thing.

Secondly, I have an email address for Tom Clancy and he has replied in the
past
I will let you know if he replies this time.

Scott

> Just a comment: What makes him infamous? He just defended himself. I realize he
> was convicted of carrying an unlicensed gun, or something minor like that, but
> that hardly puts him in the Axe Murderer/Politician class :-)
>
> ANYWAY, there are two Thomas Clancys in the callsign server (see below). The
> Maryland one makes more sense, close to Washington DC?
>
> By the way, Thomas Clancy wrote "The Hunt for Red October", "Clear and Present
> Danger", and several other great novels.
>
> ......Mark N2WZB
>
> Call-Sign: NC3Y Class: EXTRA
> Previously: N8RC Class: SAME CLASS
> Real Name: THOMAS C CLANCY Birthday: JUL 22, 1952
> Mailing Address: POB 1741, FREDERICK, MD 21701
> Valid From: SEP 2, 1986 To: SEP 2, 1996
>
> Call-Sign: N8LUK Class: ADVANCED
> Previously: KB8INU Class: GENERAL
> Real Name: THOMAS P CLANCY Birthday: JAN 6, 1949
> Mailing Address: 25125 PAMELA CT, FLATROCK, MI 48134
> Valid From: JAN 22, 1991 To: JAN 22, 2001

--

Scott R. Darragh A.R.S. KE6MGW "When you win you get a feeling of

sdarragh@cisco.com exhilaration. When you lose you get
Cisco Systems, Inc. a feeling of resolution. You resolve
800-326-1941 x7173 never to lose again." -V. Lombardi
---

853. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:27:17 UTC
From: wjturner@iastate.edu
Message-ID: <3g1s2l$1nq@news.iastate.edu>
Source record: 253184

In article <MORAWSKI.95Jan23161311@starbase.azrael.mitre.org>,
Paul Morawski <morawski@starbase.azrael.mitre.org> wrote:
>73 is a "numbered radiogram". It is a shortcut used when passing message
>traffic to abbreviate certain stereotypical phrases. For example,
>73 = best regards,
>88 = love & kisses,
>61 = merry Christmas (if memory serves me)
>Look in the back of any ARRL logbook for a complete listing. I would guess
>there are 40 or 50 numbered radiograms there.

There used to be a bunch more. For instance, anyone familiar with
journalism should know that at the end of an article, the author will
put a

- 30 -

or something like that to signal the end of the article. This comes
from the same thing, back in the days when stories were sent along the
telegraph line. In American morse (the original morse) code, 3 was
...-. and 0 was _ (a long dash, longer than a normal dash today).
Running these two together (and shortening the last dash) you get
...-.- the familiar SK (or VA if you're in the Coast Guard...).

And now you know the rest of the story...

:-)

854. Re: Dif between novice&tech classes??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:27:32 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D2w49w.BMx@zeno.fit.edu>
Source record: 253192

In article <3fq4qn$bco@floyd.santarosa.edu>,
John Thompson <jthompso@nermal.santarosa.edu> wrote:
>recently I have been studing to take the Technician no-code lisence. If I

(license or licence but never lisence. it's also just a Technican license
not a "Technician no-code" license..that terminology is used by us that have
been around a while since there have been several changes to the Tech
license over the last 25 years or so. but it's imprecise and does not
represent the actual names specified in the rules...bad habits are hard
to break, i guess).)

>pass this will be my first HAM radio liscense. I am confused about a couple

ham or Ham but not usually HAM...and as we say, fine business for coming
aboard. you've hit on a big thing -- not everything you need to know is
in the study guide...the amateur radio service is a big place...

>of things that are not explained in the books; is the order from least
>privaleges to most novice, technician, etc... For tech class I need to know
>novice and tech stuff correct? I guess I am just confused about why is Tech
>higher than Novice if it is possible to get tech without code? If any of
>this makes any sense please e-mail me or post some answers. Thanks

there are now 6 classes of US amateur radio licenses.

Novice 5 wpm code and element 2 written
Technician element 2 and 3A written
Technician Plus 5 wpm code and element 2 and 3A written
General 13 wpm code, elements 2, 3A, 3B.
Advanced 13 wpm code, elements 2, 3A, 3B, 4A.
Amateur Extra 20 wpm code, elements 2, 3A, 3B, 4A, 4B.

The novice licensee can only operate on small portions of 6 bands.
The tech can operate on all amateur bands above 30 MHz.
(just like an Extra - for all intents and purposes, the Tech is an Extra
when it comes to privileges for earth bound hams (and waivers are easily
gotten for the space bound...) above 30 MHz...that's why the Tech is
higher than a Novice but lower than the Tech Plus since it permits
some HF operation.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

855. Oscopes Cheap!!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 03:45:48 UTC
From: ICDEVICE@ix.netcom.com
Message-ID: <3g1t5c$44t@ixnews3.ix.netcom.com>
Source record: 253185

20 Mhz Oscilloscope Dual-trace
OEM Protek, Leader, JDR Ect
Bright 5" CRT
Built in compointent tester
TV sych filter
X-Y operation
110/220 volts
2 probes 1X, Ref 10X
Model 2000 20 lbs $155.

35 Mhz Oscilloscope Dual-trace
OEM Protek, Leader, JDR Ect
Bright 5" CRT
Delayed and signal sweep modes
Fast 10ns rise time
Z-axis intensity modulation
TV sych filter
X-Y operation
110/220 volts
2 probes 1X, Ref 10X
Model 300 24 lbs $200

Digital Function Generator
OEM Protek, Leader, JDR Ect
Range 0.02Hz to 2 Mhz in 7 ranges
0 to +- 12vdc
Triangle Sine Square root ttl square root
palse ramp and skewed sine wave output
Distortion trangle wave 1% for 0.2Hz to
100Khz sine wave <2% for 10Hz to 100Khz
0.5Hz to 50Hz linear sweep rate and 10:1
to 1000:1 sweep width
100:1 frequency control per range
8.5" X 10"W X 3.25"H
Model DFG-600 $100

General Device Instruments
2348 Karen Drive #6
Santa Clara CA 95050
408-241-7376 Voice
408-241-6375 Fax
408-983-1234
224.160 Mhz Repeater N6UUM/R
UPS FedX COD And Credit Cards!
Please Call I do not get time to reply to

E Mail.......Ron Coursey

856. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:03:43 UTC
From: decastro@netcom.com
Message-ID: <decastroD2w5y7.9B4@netcom.com>
Source record: 253200
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>>FCC rules part 97.403
>>Safety of life and protection of property.
>>
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> ^^^^^^^^^^^^^^^^^

>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

If a ham had the ability to summon appropriate aid via his modified
ht, and didn't, he would be, in MHO, a cad, and if I was the injured
party, I'd have words with him.

You example about other means is reducto ad absurdum. A simple look
around, or knowledge that he was out of repeater range (i.e. in the
wildernesss, or even rural areas) would suffice any rational test. Like
most hams, though, you've created a scenario that is bound to fail your
test. It's not a requirement to try every repeater pair, every simplex
freq, etc. It's a requirement (under the save life and limb rule) to
get help.

BTW, signalling at a plane is useless. In fact, it could even be illegal.

>Jeff NH6IL

--
==
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==

857. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:05:25 UTC
From: alanb@sr.hp.com
Message-ID: <3g1ua5$5el@canyon.sr.hp.com>
Source record: 253187

Robert Adams (radams@cs.wmich.edu) wrote:
: In article <3fp5mp$nnv@canyon.sr.hp.com>, Alan Bloom <alanb@sr.hp.com> wrote:

: >AL N1AL "Number 1 Able Lover"

: N1AL - "No One Asks Less"

: Robert Adams, P.E.
: WA9ZMO

WA9ZMO - "Zip Me Open"

858. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:15:19 UTC
From: alanb@sr.hp.com
Message-ID: <3g1usn$5el@canyon.sr.hp.com>
Source record: 253188

Ed Jones (kb4oix@theborg.mlb.fl.us) wrote:
: to add to an earlier response....KC5LWF
: (Kansas City 5 Lucky With Females)...just a thought....mine is so tuff i have
: to use standard phonetics...KB4OIX...no thats tough...

Keeps Bussing 4 Old Incontinent XYL's

AL N1AL

859. heathkit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:22:42 UTC
From: ceaster@bud.peinet.pe.ca
Message-ID: <3g1vai$hui@bud.peinet.pe.ca>
Source record: 253189

[No readable article body recovered]

860. question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:27:59 UTC
From: horrock@aol.com
Message-ID: <3g1vkf$9pm@newsbf02.news.aol.com>
Source record: 253190

I hate to ask this...but...I missed what freq K1MAN uses.

Would someone please E-mail me the freq?

I plan to use him as a 75 meter beacon!

Regards.

861. stolen HT-600 & IC-U16 - Palo Alto, CA

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:31:47 UTC
From: horak@src.dec.com
Message-ID: <3g1vrj$afb@src-news.pa.dec.com>
Source record: 253204

The following items were stolen from my vehicle Sunday afternoon, January 22nd:

* Motorola UHF handie-talkie
Type: HT-600
Model: H44SVU7160CN
S/N: 649AQL7114

Had orange stickers on side that said:
DEC SRC ERT
ch6 - Horak

* Icom UHF handie-talkie
Model: IC-U16
S/N: 08794

Had orange sticker on back that said:
N6BDE

If you have information about either of these, please contact Officer Paul Brown
of the Palo Alto Police Department at 415.329.2406 (case number 95-022-036),
or send me email. Thanks.

Reward if you help feed the thief to the rabbits with the nice sharp pointy teeth.

--Brad N6BDE

862. Re: Foxhunter/t-hunter list

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:56:44 UTC
From: n1ist@netcom.com
Message-ID: <n1istD2w8EL.Cy9@netcom.com>
Source record: 253193

In article <9501232002.AA13106@metro.mccneb.edu> pmarsh@metro.mccneb.EDU (Paul Marsh) writes:
-Someone asked about a transmitter hunt list. Send message to
- listserve@netcom.com
- subscribe fox-list (Your Name here)

Actually, send a message to listserv@netcom.com with the body (not subject)
subscribe fox-list

/mike
n1ist@netcom.com
Maintainer, BARC lists
--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

863. Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 04:57:00 UTC
From: 0007186758@mcimail.COM
Message-ID: <83950124045738.0007186758PJ4EM@MCIMAIL.COM>
Source record: 253198

A local group of hams in our area are in the process of putting on a ham class for the Novice/Technician class of Licenses. We have gone around to various merchants asking if we could put flyers in their store windows advertising for the class. All of the merchants have been very helpful and have let us advertise in their storefront windows except for the local Radio Shack. This is the second time we have tried to put a flyer in their storefront window and they have said NO!

I thought this was kind of ironic since Radio Shack is the only merchant that directly benefits from the class since some of the students buy their books from Radio Shack.

I would like to know if any other hams have had a similar problem with Radio Shack? Or does anyone know who to contact at the corporate office with Radio Shack to discuss this matter.

Also I would like to know if anyone else has any super ideas as to how to promote a ham class before it starts. We have about two weeks to promote the class before it starts.

Any help and/or suggestions will be most appreciated.

TNX DE Frank C. Morris, N5YZM... MCI Mail ID No.: 718-6758
Internet: 0007186758@MCIMAIL.COM

864. Re: Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 05:43:17 UTC
From: leo@banzai.ultra.net
Message-ID: <3g241l$b8i@remus.ultranet.com>
Source record: 253199

In article <83950124045738.0007186758PJ4EM@MCIMAIL.COM>, 0007186758@mcimail.COM (Frank C. Morris) says:
/> All of the merchants have been very helpful and
/>have let us advertise in their storefront windows except for the local Radio
/>Shack. This is the second time we have tried to put a flyer in their
/>storefront window and they have said NO!

/>I would like to know if any other hams have had a similar problem with Radio
/>Shack? Or does anyone know who to contact at the corporate office with
/>Radio Shack to discuss this matter.

You should contact the corporate office. I know that this was done in the Boston area a couple of years back. They issued a letter of authorization that clubs could reproduce and show to the store managers.

865. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 08:29:22 UTC
From: mrhuey@WizVax.WizVax.Com
Message-ID: <YfB9le9FCgGD075yn@WizVax.WizVax.Com>
Source record: 253258

In article <D2Ly7w.CCK@oakhill.sps.mot.com>,
hawk@zinger.sps.mot.com (George Hawkins) wrote:
-> Jonathan Schulman (js024b@uhura.cc.rochester.edu) wrote:
-> : I received my tech license in 1990 and promptly got my driving license. The
-> : car I was driving was under my father's name so I was not able to get Ham
-> : Plates. However, we got them as vanity plates (had to pay more than for
-> : ham plates). Now I have my own car (under my own name), however my call
-> : sign is on another car. My father refuses to turn in those plates to the
-> : DMV so I can't use them. Does anybody have any ideas how I can get my
-> : call sign on my new car? Would the DMV issue the same plates if one is
-> : a Ham plate and one is a vanity plate? The state in question in NY.
->

Yes, NY State will issue an Amateur Radio registration with your
call on it. Just go to DMV with a copy of your ticket and bring your
license and registration docs for I.D.

I suspect that because few people do ask for the specials you may
have to talk to a few clerks and their supervisors before you find one
who understands what you want. WHATEVER YOU DO THOUGH, DON'T USE THE
WORD "VANITY!" ... they'll tack on the extra $25 fee!

+---+
| Ramsay D. Seielstad | mrhuey@WizVax.Com; RDSeielstad@GEnie.Geis.Com; |
| Schenectady, NY | Au092@Freenet.Buffalo.Edu; Af029@Detroit.Freenet.Org |
+-=-=-=-=-=-=-=-=-=-=-=-=+=-+
| "No fancy terminators or trailers, No opinion, Just an average, everyday |
| guy with a bunch of unrelated hobbyist activities that have no significant |
| use or value other than to amuse myself and occupy my free time ... and |
| trust me, these ain't MY employer's opinions or views" |
+---+

866. Digest of Articles - QST Dec 94 (Long - 50k)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 11:31:42 UTC
From: wvanho@infinet.com
Message-ID: <3g2oeu$t51@horus.infinet.com>
Source record: 253276
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Following are digests of articles printed in the December, 1994 issue of QST. Such digests are prepared for each issue of QST, and posted periodically.

It is hoped that other hams will volunteer to post similar digests of the other ham technical publications such as QEX, CQ, 73, COMMUNICATIONS QUARTERLY, RTTY JOURNAL, et al. Especially desirable would be digests of publications in other countries, such as the RSGB RADIO COMMUNICATIONS and ham magazines in Europe, Japan, Australia, and other countries around the world. We English speakers would especially enjoy them if they were translated into our language, but they would also be valuable additions to the world's knowledge if they were posted in the language of origin. Who knows? Some bi-lingual ham somewhere might translate them into English and re-post them.

Worldwide communications are getting better and better. The time has come to make the world's ham press available to all hams throughout the world!

The major value of digests is to give readers sufficient information to decide whether to obtain a copy of the full text. If any U.S. reader wants a copy of an article in QST, please inquire of other hams in your own neighborhood. Many have collections of back issues. Anyone who is unsuccessful in finding a fellow ham with a collection should try every library in the area, especially those at universities and technical colleges. If all else fails, a copy can be obtained from the ARRL Technical Department, 225 Main St., Newington, CT 06111-1494 USA for a fee of $3.00 per copy. Remember, it is both cheaper and quicker to obtain one locally.

Readers in most other countries can obtain copies from their own national ham organizations, sometimes translated into their own languages.

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TECHNICAL ARTICLES (TA)

Title>TA1:An Inexpensive SSTV System Continues to Grow
Author>Vester, Ben - K3BC
Source>QST Dec 94, pp. 22-24
Abstract>Improvements and additions to the software SSTV system.

Digest>Since K3BC described his software SSTV system in QST Jan 94, a considerable number of hams have gotten on the air with them. In response to feedback he has received from users, as well as from his own continuing experiments, he has made a number of additions and improvements to the software. This article contains descriptions of a number of the software upgrades that he now makes available.

The first is to allow attractive "wallpaper" to be used as the background for menu screens. That is, a color photo or other digital image can be displayed in the background with the words, or other ASCII characters of the menu, superimposed over it.

Because picture files tend to be very large, a new SAVE routine has been added to compress the image file as it is being downloaded. Correspondingly, the TRANSMIT software has been reconfigured to handle files in either the full or compressed format.

A number of new modes, involving both hardware and software, have been added to the system. One was developed to make use of new and more sophisticated video cards that are now on the market. Also, a software mode that doubles the resolution in both directions has been added. Other software routines have been included to make it possible to use images not only from a TV camera, but also obtained from Internet sites, from CD ROMs, or from other sources.

These and a number of other modifications which make for easier operation are available on the ARRL Bulletin Board system at (203) 666-0578. They are all embodied in the file: VESTER_F.ZIP. The same file is being mirrored on Internet and on other BBSs.

Title>TA2:Exploring Intermodulation Distortion in RF Switching and Tuning Diodes
Author>Thompson, Tom - W0IVJ
Source>QST Dec 94, pp. 25-27
Abstract>Lab tests of popular PIN diodes as substitutes for PN switching types to reduce IMD in receivers. Also a test of a tracking preselector for the same purpose.

Digest>The three-part article by Rohde: "Key Components of Modern Receiver Design" in QST May, June and July, 1994 made a very strong case that the front ends of currently popular amateur transceivers create excessive intermodulation distortion (IMD). He showed that their performance could be inexpensively improved by the substitution of PIN diodes for the PN switching types currently used in selecting r.f. filters.

W0IVJ has made extensive lab tests of readily available PIN diodes rated for r.f. usage and, for comparison, a diode that contains a PIN structure but was not designed for r.f. use. These tests showed conclusively that r.f.-rated diodes show greatly superior performance compared to other components.

In addition, the author made a test to see whether a tracking preselector utilizing PIN diodes to switch capacitors might be an attractive alternative to the selectable bandpass filters that are commonly used today. A schematic diagram of his test circuit is included. His conclusion is that it would be a viable alternative.

Title>TA3:An ATV Station for 915 MHz - Part 2: A Tunable ATV Downconverter
Author>Graf, Rudolph - KA2CWL and Sheets, William - K2MQJ
Source>QST Dec 94, pp. 28-32
Abstract>Construction details of a receiving downconverter as a companion to the transmitter described in Part 1. It converts received signals on the 915-MHz. band to Channel 3 or 4 in the TV broadcast band.

Digest>The first part of this article, in QST Nov 94, described the construction of the transmitter portion of the station. In this article, the authors describe a receiving downconverter that is physically small, easy to build, and designed for mounting outdoors on the antenna mast. It converts the received signal from the 902- to 928-MHz. band to either 61.25- or 67.25-MHz. (Channels 3 or 4) so that it can be received on a standard TV set.

The circuit uses two stages of r.f. amplification, a doubly-balanced Schottky mixer, and a tunable local oscillator. It is all built on a PC-board 2-1/2 x 4 inches (63 x 100 mm.).

The authors previously stated that one of their goals is to familiarize builders with the construction techniques usable at microwave frequencies. Accordingly, much of the article is devoted to detailed instructions on coil winding, soldering, and other specialized procedures.

Alignment of the finished unit can be done with only a signal source, a TV set, a suitable power supply, and an analog or digital VOM. The signal source could be the transmitter described in the first installment if sufficient precautions are taken to attenuate the signal strength so as not to overload the receiver circuits. However, if a frequency counter and a signal generator covering the respective

frequencies of r.f. and i.f. were available, they would make the entire procedure somewhat easier.

An etched and drilled PC-board and other parts are available from North Country Radio, PO Box 53, Wykagyl Station, New Rochelle, NY 10804-0053.

Title>TA4:The Quick Powerhouse
Author>Miller, Russ - N7ART
Source>QST Dec 94, pp. 33-37
Abstract>Construction of a high-power amplifier, with a quick-warmup tube, for 2-meters.

Digest>According to the author's account, a major goal for designing and building this amplifier was to obtain quick warm-up. Most high-power amplifier tubes require several minutes for the cathode to heat to operating temperature; N7ART's design uses a new tube, the 3CX1200Z7, which warms up within 10-seconds after power is applied to the filament. His concern for such instant response is caused by his interest in working transient sporadic-E propagation events.

The amplifier he built is capable of producing 1200-watts output on the 2-meter band. His d.c. power supply delivers 3200-volts at 750-mils. Operating at full power, the amplifier requires 85-watts of drive; d.c. input power is 2400-watts and plate efficiency is 50-percent, so plate dissipation is more than 1200-watts.

The unique features of the design are primarily mechanical. The tube is mounted directly on a sub-chassis, without the use of a tube socket. The design of the output circuits is complex, both mechanically and electrically. Much of the design is borrowed from the RADIO HANDBOOK, 23d Edition, W. Orr, Editor, published by Howard W. Sams & Co., 1987. Anyone contemplating construction of a similar amplifier should consult that reference for details.

Title>TA5:Key Components of Modern Receiver Design: A Second Look
Author>Rohde, Ulrich L. - KA2WEU
Source>QST Dec 94, pp. 38-42
Abstract>Description of a tracking filter used as a preselector in a receiver front-end to eliminate the IMD caused by filter-switching diodes.

Digest>This article is a follow-up to the three-part series that ran in QST May, June and July, 94. It is also a companion piece to the article by Tom Thompson - W0IVJ, designated TA2 in this issue. Dr. Rohde notes that Mr. Thompson found Motorola MPN-3700 PIN diodes to work about as well as the Siemens and H-P units, although they cost less than $1.00 each, a significant factor when one is replacing the 40-some diodes in an amateur-band transceiver.

Described is an alternative means of improving the second- and third-order IMD performance of receiver front ends: the substitution of a

tracking input filter to replace the bank of switchable bandpass filters that are commonly used in today's transceivers.

Shown in photographs and also in a circuit diagram is the tracking filter that is supplied with the Model ESH-2 receiver manufactured by Rohde and Schwartz Company. The assembly actually contains two filters, one of which covers the range from 10- to 20-MHz., and the other 20- to 30-MHz., selected by a relay. Each filter contains a single resonant circuit that is tuned by a bank of paralleled tuning diodes. Relay switching eliminates completely the IMD caused by switching diodes, but inserts tuning diodes in the circuits, instead. To insure good performance, Dr. Rohde designed the tank circuit using many tuning diodes in parallel with a high C-to-L ratio. The use of this filter guarantees an intercept point of +30-dBm., or better.

A second alternative is a tunable input filter that uses a bank of diodes to switch fixed inductors and capacitors in binary steps. As an example, seven capacitors with values of 1, 2, 4, 8, 16, 32, and 64 pf., switched in a binary sequence, would provide a net capacitance (neglecting leads) of 1- through 127-pf. A filter using that approach is also illustrated in photographs and circuit diagrams from another model receiver built by the same company.

Note is taken of the fact that the earlier series of articles found the Ten-Tec Argosy VI to be at the low end of the second-order IMD performance curve. Since then, a simple modification has been made that has raised the intercept from +40- to more than +60-dBm.

Title>TA6:A Simple, General-Purpose AF Amplifier
Author>Spencer, Ben - G4YNM
Source>QST Dec 94, pp. 43-44
Abstract>Building a very small audio amplifier using two IC chips.

Digest>Described is a general-purpose audio amplifier, small enough to be built easily into almost any piece of electronic equipment, even the base of a microphone. It features very high input impedance, very low output impedance and ability to provide adjustable gain from 0 to 74-dB. It will deliver up to 1-watt of output.

The circuit is made up of two ICs. The first is a low-noise FET op-amp; the second is an audio power amplifier. The gain of the first stage is switched in three steps: 0-, 20- or 40-dB. A continuously variable pot controls the power amplifier over the range 0- to 34-dB. Operating bandwidth is 16-Hz. to 30-kHz. Two output connectors are provided; a "LINE" output with a nominal impedance of 600-ohms, and a low-impedance output suitable for driving a loudspeaker or other power-consuming load. Power supply requirements are 12- to 14-volts.

Construction is simple and straightforward. An etched and drilled PC-board can be obtained from Far Circuits, 18N640 Field Court, Dundee, IL 60118-9269, for a price of $5.50, including domestic shipping.

PRODUCT REVIEW (PR)
Conductor: Mark Wilson - AA2Z
Editor, QST

Title>PR1:Watkins-Johnson HF-1000 General-Coverage Receiver
Author>Newkirk, David - WJ1Z
Source>QST Dec 94, pp. 76-79
Abstract>Review of the first receiver marketed to amateurs that uses i.f. DSP for filtering, AGC, and demodulation. Has many good features but falls down badly in others.

Digest>Digital signal processing at audio frequencies became a factor in Amateur Radio receiving within the last five years and was accepted enthusiastically by the ham community. Ever since, amateurs have been speculating over how long it will be before DSP techniques will be possible at i.f. frequencies so that all of the functions of i.f. filtering, automatic gain control, signal detection and demodulation will be done digitally. The Watkins-Johnson HF-1000 is the first product entry on the market to attempt that.

This expensive receiver, selling for some $4000, covers from 5-kHz. to 30-MHz., with 1-Hz. resolution of both tuning and front-panel display. Its operating modes are AM, Synchronous AM (SAM), narrow-band FM, CW, USB, LSB and independent sideband (ISB). It provides i.f. filters with 58 different selectable bandwidths, a noise-blanker, i.f. notch filter, AGC, squelch, and scanning. Output connectors are available for headphones, LINE, separate outputs for USB and LSB during ISB reception, and speaker. It can be computer-controlled via an RS-232 serial port. The front end contains a switchable pre-amplifier. The signal-level meter is calibrated in absolute terms, dBm., and the reading is not affected either by the presence or absence of the pre-amplifier or by gain-control settings.

Front-end circuitry delivers the input from the antenna to a DMOS FET passive mixer that up-converts to the 40.455-MHz. first i.f. A 30-kHz. roofing filter limits the bandwidth, after which comes some i.f. amplification and variable attenuation. A diode double-balanced mixer converts the signal to the 455-kHz. second i.f., and an analog multiplexer again converts it to the 25-kHz. third i.f., where digital signal processing occurs.

Laboratory tests show that receiver noise floor, with a 300-Hz. bandwidth i.f. filter in use, is -140 dBm. while the pre-amp is in operation and about -133 with the amplifier off. Blocking dynamic range with the same i.f. filter measures between 107- and 112-dB. without the pre-amp, 103- to 106-dB. with it in use. Second-order IMD intercept is +44-dBm. with pre-amp off, +46-dBm. with it in use. Third-order IMD intercept measured between 27- and 33-dBm. with the pre-amp off, 16- to 21- with it on.

Despite the creditable performance and the really striking new features demonstrated by the HF-1000, the reviewer did not give it a good overall rating because of several glaring deficiencies. The first major flaw is the performance of the AGC. Its decay time can be switched to FAST, MEDIUM, or OFF, but the attack time is 15-milliseconds, at least ten times too long! The result is that any strong signal or noise pulse causes an extremely annoying "Pop" before the AGC has time to take hold. Consequently, the FAST and MEDIUM settings are unusable. Operating the AGC with long decay time reduces the number of "Pops" that must be endured, but is clearly not an acceptable condition for most reception.

The next problem in the design concerns passband tuning. The passband can be adjusted in 10- or 100-Hz. steps over plus-minus 2-kHz., but only in CW mode! It is not available in the SSB mode. This limitation can be partially overcome if one listens to SSB in the CW mode by setting the BFO offset to 0-Hz., then adjusting the passband tuning for optimal rejection of the unwanted sideband; but this makeshift "work-around" is hardly to be expected in a $4000 receiver.

Third, the notch filter in the HF-1000 is manually tunable plus-minus 10-kHz., and is very effective. But many outboard DSP filters now in use offer automatic heterodyne elimination of any number of interfering carriers. Why does not the HF-1000 make this function automatic?

For AM reception, synchronous detection is a great asset, and the HF-1000 offers very high-quality SAM. But it cannot do selectable-sideband synchronous AM detection! It is hard to fathom what possible reason the designers could have had for omitting this obviously useful feature.

The final failing described by the reviewer is the very low quality of the audio produced by the receiver. It is contaminated by several types of digital noises, including high-pitched whines, medium-frequency drones, and low-frequency thumps. It seems clear that the manufacturer did not exert the required effort to clean up the circuitry to eliminate internal cross-coupling.

In summary, the presence of the Watkins-Johnson HF-1000 on the market shows that the time when DSP receivers providing quantum leaps in performance will be available for ham use is very near. But it has not yet arrived.

Title>PR2:ASAPS and CAPMAN: HF Propagation-Prediction Software for the IBM PC
Author>Straw, R. Dean - N6BV
Source>QST Dec 94, pp. 79-81
Abstract>Computer programs to allow amateurs to calculate current propagation conditions.

Digest>Some 20-years ago, a program for mainframe computers was created, named IONCAP, to calculate probable HF propagation conditions based on the solar activity and other conditions prevailing at the moment. Ever

since, QST has run a series of graphs in every issue indicating the time of day and the frequencies that are likely to provide successful communication between the different parts of the USA and various countries around the world. Continuous improvements in the program have been made and, by now, it makes reasonably accurate predictions. But by the time the magazine gets into the hands of readers, conditions may have changed considerably in unpredictable ways.

Now the computing capacity of personal computers approaches, or surpasses, that of mainframes that were available when IONCAP was developed. To take advantage of the widespread availability of great computing power, two new professional-quality programs have been made available to operating hams that make predictions nearly as good as those of IONCAP. Users can now calculate their own predictions using currently available solar data obtained from WWV broadcasts.

One of these programs, CAPMAN, actually uses the same calculating routines used in IONCAP and wraps a "shell" of user-friendly features around it. The other program, ASAPS, was developed in Australia and uses somewhat different mathematical algorithms.

ASAPS is primarily designed for commercial broadcasters and communication networks. It calculates and reports a number of propagation and operating conditions that are of importance to to them, but of less concern to amateurs. CAPMAN, on the other hand, seems to be tailored more directly for amateur use.

ASAPS is priced at $275, whereas CAPMAN sells for $89. The reviewer tested the performance of both programs, using the logs of active amateurs who participated in the ARRL CW DX Contest in February, 1994. Both programs made projections that were quite accurately borne out by the actual QSOs logged. What slight differences there were between them seemed to favor the performance of CAPMAN. Judging from that performance plus the greater ease of use and lower price of CAPMAN, the reviewer recommends it as the better value for hams.

CAPMAN is produced and sold by Lucas Radio/Kangaroo Tabor Software, 2900 Valmont Rd., Suite H, Boulder, CO 80301, (303) 494-4646. ASAPS' North American distributor is Jacques d'Avignon, 965 Lincoln Drive, Kingston, Ont. K7M 4Z3, Canada.

TECHNICAL CORRESPONDENCE (TC)
Conductor: Paul Pagel - N1FB
Assoc. Technical Editor

Title>TC1:Elevated Radials Work!
Author>Bowen, Arlan - N4OO
Source>QST Dec 94, p. 84
Abstract>Results of a 160-meter antenna installation that substituted four elevated radials for a large number of buried radials, with

superior results.

Digest>N4OO recently moved to a new location and needed to erect a 160-meter antenna quickly to participate in an operating event. He was able to get a 51-foot (15.5-meter) vertical into the air, but did not have time to lay an extensive set of ground radials. Instead, he strung four 150-foot (46-meter) radials 10-feet (3-meters) above the ground. Since the tower rests on an insulated base at ground level, each radial is attached to the bottom of the tower and rises at a 45-degree angle to a 10-foot high post located 10-feet from the antenna; from the posts they run horizontally through the woods, supported by fence insulators attached to trees.

Since the 51-foot vertical is only some 35 electrical degrees high, it exhibits a large capacitive reactance at the base. The author used a large diameter coil to cancel the reactance, then tapped the feedline partway up from the bottom, approximating the 50-ohm impedance point.

The results of his antenna installation have been outstanding, substantially better than those he obtained from his 60-foot, (18-meter) top-loaded, shunt-fed tower with buried radials at his former location.

Title>TC2:More Tower Safety Tips
Author>Burkhart, Howard - KB6MYE
Source>QST Dec 94, pp. 84-85
Abstract>Safety precautions for working on towers.

Digest>This letter contains added comments to supplement the advice written by Mike Cook - KC8EG in his "Tower Safety Tips", QST Aug 94, 40-41, as follows:

1. All hard-hats should be held in place with chin-straps. A side-blow from a swinging boom can knock an unstrapped hat off one's head with the first blow, and kill on the return swing!

2. Cotton gloves are somewhat slippery; leather gives a safer grip.

3. Be sure that goggles have an ANSI rating for impact protection.

4. Always remember that there is usually no brake on a rope and pulley being used to hoist heavy items up the tower. NEVER stand, on the tower or on the ground, underneath a load being hoisted.

5. Rope that is used to tie a person to an object should be nylon, 7/16-inch (11-mm.) diameter for one person, or 1/2-inch (13-mm.) for two people, using "kernmantle" type construction. For other uses, nylon rope with at least a 10:1 safety factor in rated strength should be used.

6. Take full account of the weather conditions. If the day is hot, make sure that climbers drink plenty of water, not caffeinated or alcoholic drinks. On cold days, beware of frostbite.

7. Have someone available on the ground who is trained in first-aid, and have first-aid supplies available. If someone should fall, don't move them unless CPR is necessary. Get professional help first.

LAB NOTES (LN)
Conductor: Steve Ford - WB8IMY
Asst. Technical Editor

Title>LN1:Lightning Protection - Part 2
Author>Tracy, Mike - KC1SX
Source>QST Dec 94, pp. 45-46
Abstract>Advice on methods for lightning protection.

Digest>This article continues a discussion of lightning protection for an amateur station in a question and answer format. The first advice given is to consult experts for specific applications of protective methods. One should start with local government to learn about building codes and safety regulations regarding antenna structures. Also, contact the ARRL Section Manager for reference to an ARRL Technical Adviser or knowledgeable hams in the area.

Grounding materials, in general, should be made of copper. Copper flashing (coils of thin strip) is available from lumber yards. Strip copper, 1-1/2 inches (38-mm.) wide and at least 0.051-inches (1.3-mm.) thick is the minimum recommended for ground connections. Strip material is better for grounding than wire of the same cross-section because of lower inductance. Ground rods should be at least 8-feet (2.4-meters) long and should be either solid copper, or copper-clad steel.

Since antennas are most probably the highest metal objects on the property, they are the most likely objects to be struck, so proper grounding of the tower is essential. One should establish multiple paths for the current to reach ground, which means multiple ground rods, buried radial copper wires, or both. Splices in wire and connections between wire and rods should use compression joints with ample contact area providing copper-to-copper contact. Do NOT use solder.

To prevent current from following the feedline into the shack, the line must be grounded OUTSIDE the home or shack. Any other conductors, such as rotator control cables, that lead from the tower toward the shack must also be grounded either directly or through a lightning arrestor. Several types of lightning arrestors are made by a number of companies.

The only foolproof way to protect station equipment is to disconnect all equipment from the antenna and also from the power lines when it is not in use. Further, the disconnection must be made outside the shack. It would not suffice to unscrew a coax lead from a transceiver, then leave the disconnected coax lying near the rig.

The article ends by listing names and addresses of about a dozen manufacturers of lightning protection equipment.

HINTS AND KINKS (HK)
Conductor: David Newkirk - WJ1Z
Sr. Asst. Technical Editor

Title>HK1:Curing "Wrong VFO" in the Yaesu FT-101E
Author>Schick, Martin - KA4IWG
Source>QST Dec 94, pp. 82-83
Abstract>Modification of a transceiver to help avoid transmitting on the wrong frequency when operating split-frequency.

Digest>Many DX stations operate split-frequency; that is, they transmit on one frequency and instruct listeners to call on a different frequency to prevent a pileup of callers from obliterating the DX signal. A common occurrence is that, when the pileup gets thick, one or more stations call on or near the DX station's frequency, contrary to instructions. The author of this letter speculates that many such transgressors are doing it accidentally and are probably ignorant of the fact that it is happening.

His own Yaesu FT-101E contains one switch that controls whether the external or internal VFO is used for receive or transmit. It is a 4-position switch. Operating properly on split frequency requires that that switch be rotated one step clockwise and one counter-clockwise to call and listen alternately. In the "heat of battle", if the operator by mistake turns the switch one step in the wrong direction, or two steps in the right direction, from that point on the transmitter will be on the wrong frequency until the operator notices the error, which may take some time.

KA4IWG decided that his rig's "human engineering" was faulty; it makes it too easy to do the wrong thing. To reduce the likelihood of making that mistake, he installed a separate toggle switch, mounted on the top of the cabinet, and rewired the control switching network so as to make a mistake most unlikely.

Circuit diagrams are included with the letter to enable one with an FT-101E to duplicate the modification.

Title>HK2:Plug-In Bypass Capacitor Stops Keying Glitches
Author>Van Horn, W. P. - K3CP
Source>QST Dec 94, p. 83
Abstract>A bypass capacitor eliminates problem from RF feedback.

Digest>Mr. Van Horn found that, when operating CW while running his 1-KW amplifier, feedback into the keying circuit held it in the key-down condition transmitting at full power until he shut it off. Ferrite chokes and beads distributed through the circuit did not help.

He found the solution to be a simple bypass capacitor across the keying jack.

Title>HK3:More on Slingshot Antenna Installation
Author>Ashworth, Dennis - K7FL
Source>QST Dec 94, p. 83
Abstract>Tips to save loss when shooting antenna support line over tree branches.

Digest>Verifying the results of others who have reported success in the use of slingshots to attach an antenna to a top branch of a tree, K7FL offers some further details. He ties a fishing sinker to a short length of relatively low-strength line, as a leader. This is, in turn, tied to a heavier line on a reel.

Used in this way, if the sinker gets wrapped around a branch, he can pull hard enough to break the leader without losing the entire length of line. Usually when he does so, the sinker and leader also fall to the ground. If they do not, the only loss is a lead sinker and a short length of line.

He uses a 2- to 3-ounce (56- to 79-g.) teardrop sinker, 8- to 12-pound (3.6- to 5.4-kg.) monofilament line as the leader, and 20- to 25-pound (9- to 11-kg.) monofilament line as the main line. He reports that he can repeatedly and accurately shoot lines over his 100- to 125-foot (30- to 38-meter) high fir trees.

Title>HK4:PTT Line Protection for Radios in Packet Service
Author>Stahl, Jim - K8MR
Source>QST Dec 94, p. 83
Abstract>Means of eliminating damage due to transients.

Digest>On at least two separate occasions, VHF/UHF transceivers used as packet cluster nodes were damaged by electrical storms that left the transmitters locked up in the TRANSMIT mode. In both cases, the transceivers were made by Kenwood but were different models.

K8MR diagnosed the problem as having been caused by a voltage transient on the push-to-talk (PTT) line. He solved the problem by mounting a 5.1-volt Zener diode at the mike jack connecting between the PTT line and ground. The Zener will clip any transient greater than +5.1 or -0.6 volts.

FEEDBACK (FB)

Title>FB1:"Function Generator With a Frequency-Counter Digital Readout", QST Apr 94
Author>G4YNM
Source>QST Dec 94, p. 85
Abstract>Correction of mislabeled capacitors in schematic.

Digest>In Figure 3 of the referenced article, on page 38, C13 should be labeled "C14", and C14 should be labelled "C15".

NEW HAM COMPANION (NHC)

Title>NHC1:QSL Cards? Before You Write That Check....
Author>Bowles, Chester S. - AA1EX
Source>QST Dec 94, pp. 64-66
Abstract>Description of different types of QSL cards.

Digest>Exchanging QSL cards is a courtesy and a ham tradition that dates from the earliest history of amateur radio communication. There is no reason that cards must be custom-printed, although most are.

One must never forget the real purpose that a QSL card serves: it confirms a contact between two amateur radio stations. The necessary information is the call letters of the confirming station, the call letters of the station contacted, the time and date of contact, the frequency band and the communication mode used, a signal report, and the name and return address of the sender. Any card that contains those pieces of information qualifies as a bona fide QSL card.

Title>NHC2:The Doctor is IN
Author>Various
Source>QST Dec 94, p. 67
Abstract>Questions and answers of primary interest to newcomers.

Digest>Questions discussed in this issue include: simplex autopatches; power requirements of TNCs; cleaning contacts on a rotary switch; computer memory requirements for running TCP/IP; and strange signals heard on 160-MHz.

Title>NHC3:The View from Above
Author>Ford, Steve - WB8IMY
Source>QST Dec 94, pp. 68-70
Abstract>Capturing earth photos taken by amateur satellites.

Digest>Four of the amateur satellites that are in orbit carry cameras that periodically take pictures of earth, record them in memory, and transmit them to earth as digital packet data.

OSCAR 18 (Webersat) is a Microsat (tiny satellite). Pictures are snapped on command from the ground-based operators about once per week. The images are then transmitted continuously on 70-cms. until the next picture is shot. Only a receiver is needed to capture these signals, no transmitter is required.

To receive and display the images, one must be able to receive on the appropriate frequency, must have a TNC with a phase-shift keying (PSK) modem and a computer with display software. Because of the slow speed of transmission, it is not possible to receive an entire picture file as the satellite is making one pass overhead. A minimum of two passes are required.

The software required to decode the image file and put it into a form that can be displayed on a PC is called "Weberware". AMSAT sells these programs at reasonable prices.

Oscars 22, 23 and 25 operate differently. Like Oscar 18, they take pictures on command from the ground, but they communicate much faster, at 9600-baud.

To capture a file from one of these, one must first download a Directory listing the available pictures. After selecting the one wanted, one uploads a request and the satellite responds. Hence, the receiving station must be equipped both to receive the 70-cm. downlink and also to transmit on the 2-meter uplink.

Complete information about how to go about this is available from three sources: "Computer Processing of UO-22 and KO-23 Images", by Walter Daniel - KE3HP, printed in the Jan/Feb, 1993 AMSAT Journal; "Webersat: Step by Step", by Steve Ford - WB8IMY, in QST Dec 93, p. 63; THE DIGITAL SATELLITE GUIDE, which can be purchased from AMSAT, PO Box 27, Washington, DC 20044

Title>NHC4:FM Contesting on Taylor Mountain
Author>Parmley, Bill - KR8L/7
Source>QST Dec 94, p. 71
Abstract>Contesting from a mountain top in Idaho.

Digest>KR8L/7, along with several other local hams, took transceivers and antennas to the top of Taylor Mountain, 7000-feet (2130-meters) above sea level. It is located near Idaho Falls, ID in grid square DN43. They set up their station adjacent to WA7KRP's 2-meter FM repeater and borrowed operating power from the site. This article describes the enjoyment that was had by all participants.

The author describes grid squares, which are a method of dividing the earth's surface for identifying radio locations. A grid square map is available from ARRL Headquarters for $1.00. Also, grid square information is in the ARRL Operating Manual.

Title>NHC5:Build an HF Walking Stick Antenna
Author>Capon, Robert - WA3ULH
Source>QST Dec 94, pp. 72-74
Abstract>Construction of an easily erected, portable antenna.

Digest>W3ULH and several hams planned a mini-expedition to set up a temporary ham station on an island off the coast of North Carolina. Most of the operation was planned to be on 20-meters, although they wanted to leave open the possibility of operating higher bands. They wanted an antenna that would be effective, easy to set up and take down, and also easy to carry. Accordingly, they built their own, a vertical made of telescoping aluminum tubing. The tubing used was 1-, 7/8-, 3/4-, and 5/8-inch (25-, 22-, 19-, 16-mm.) diameters. The 1-inch tube was cut to 4-feet, 8-inches (1.42 meters) length; the other three tubes

to 4-feet, 5-inches (1.35-meters).

For use, the tubing can be slid open and held in place with hose clamps, to form a quarter-wavelength at any band from 10- to 20-meters; four quarter-wave wire radials are laid on the ground and the antenna is fed with coax at the base. The vertical stands on a rubber/plastic insulator and is guyed with ropes at the top of the third section. When the tubing is collapsed, it is a convenient length to use as a walking stick!

A description of the antenna, including a schematic diagram and parts list, is provided.

Title>NHC6:A "Universal" VHF/UHF Antenna
Author>Miller, Dave - NZ9E
Source>QST Dec 94, p. 75
Abstract>Description of a commercial discone antenna.

Digest>This article describes the discone antenna, which is a very effective omnidirectional antenna that provides a low SWR load on any frequency over a very wide range. NZ9E bought a commercial version, rated at 200-watts transmitting, on any frequency between 50- and 1300-MHz.

The basic discone shape is a broad-based cone pointing upward; a round disk, nearly the same diameter as the base of the cone, is mounted horizontally with its center on an insulator at the apex of the cone. Most practical discones, like the author's, are made as "skeletons" of metal rods that approximate the cone/disk shape. The radiation pattern is approximately the same as that of a ground plane antenna cut for whatever frequency is in use.

The article finishes with a caution that it is necessary to use a low-loss transmission line at these frequencies for any cable run longer than a very few feet.

RADIO TIPS (RT)

These are short items, scattered among the articles in the New Ham Companion section, of interest to newcomers.

Title>RT1:International Third-Party Traffic - Proceed With Caution
Author>Anonymous
Source>QST Dec 94, p. 70
Abstract>A list of the few foreign countries to which messages can be sent.

Digest>Messages can be handled through amateur radio between the USA and other nations only if there is an official Third-Party Traffic Agreement between the countries. Then, it is permitted only if it is non-

commercial and of a private, unimportant nature.

The article contains a list of the countries with whom the USA does have such an agreement. Most nations in the Americas (even Cuba) are on the list; also Philippines and Australia (but not New Zealand). A very few in Africa, some Pacific Islands, and Jordan and Israel in the Mideast complete the list. No European nations are included, with the minor exceptions of the ITU station in Geneva and special-event stations in the U.K. having call signs with GB prefixes.

GENERAL INTEREST ARTICLES (GI)

Title>GI1:Exploring the Internet - Part 4
Author>Ehrlich, Scott - WY1Z
Source>QST Dec 94, pp. 47-50
Abstract>Describes software tools Gopher and The World Wide Web. Also explains Usenet Newsgroups.

Digest>This installment discusses two software tools, now available to almost all Internet users, that make finding information much easier. They are the programs called Gopher and The World Wide Web. Finally, a description of Usenet Newsgroups is included.

Gopher is a utility program that is completely menu-driven. Using Gopher, one can access computer resources located at almost every college or university in the developed world, as well as at many, many other sites.

When one enters Gopher, a menu is displayed listing sources, by name. After one is selected, a menu of available resources there is presented, and one can make selections from one after another menus, each narrowing the field to reach the precise kind of information sought. Once one reaches the final item desired, selecting that item from the menu will cause the actual document, or whatever is else is requested, to come up on the screen. It can be read, or downloaded to the user's own computer memory, as desired.

The World Wide Web system goes even farther. It allows one to search for specific information, regardless of where that information may be found.

Usenet newsgroups are discussion groups, like bulletin boards, devoted to specific subjects. As an example, there are about a dozen devoted to various aspects of amateur radio. In most groups, anyone is free to post messages to ask a question, to answer a question asked by another, or to make comments about one subject or another.

Each newsgroup has a name, which is its address, made up of a series of qualifiers. For example: "rec.radio.amateur.misc", for general ham discussions, "rec.radio.amateur.antennas", for antenna talk, and "rec.radio.shortwave" for SWL devotees. There are many thousands of

newsgroups, on almost every conceivable subject, active on Internet today, and more are being formed daily. Anyone who has a question about almost any imaginable topic will probably be able to find a newsgroup where the question can be asked with a very great likelihood of getting one or more replies.

Title>GI2:Monitoring the Shoemaker-Levy 9 Comet Impacts
Author>Pressler, E. C., Jr. - W3ZXV
Source>QST Dec 94, pp. 51-52
Abstract>Hams build a corner-reflector antenna and monitor radio noise at 22.210-MHz. from planet Jupiter during its collision with a comet.

Digest>In 1992, the orbit of the comet Shumaker-Levy 9 took it close to the massive planet Jupiter. The planet's strong gravity caused the comet to break into many smaller pieces and distorted its orbit. Soon after, astronomers calculated that, on its next loop around, it would collide directly with Jupiter.

In the process of breaking apart, some of the pieces of the comet were slowed slightly so that, by early 1994, telescopes showed more than 20 fragments travelling in the same orbit, strung out in Indian-file. It became clear that they would strike the planet, one after the other, over a several day period.

Radio astronomers knew that Jupiter emits radio waves under normal conditions, and the question was raised whether the comet impacts would cause detectable changes in that radiation. W33ZXV and two friends, Kurt Magni - NN3C and Walt Rauscher - N3EVV, decided to monitor Jupiter at HF during the impact events.

They selected the frequency 22.210-MHz. as the channel to monitor, since it is near the peak of the intensity of Jupiter's noise, and also because it was well above the expected MUF and likely to be clear of interference. Then they built a corner reflector, using a half-wave dipole centered in a corner made of chicken wire supported on a wooden frame. A 22-Mhz. preamplifier was mounted at the feed point and the output connected by coax to the author's Kenwood TS-940S transceiver. A stereo tape recorder was used to record the radio noise on one channel, and a time signal from WWV on the other. The amplitude of the noise was converted to d.c. which was recorded on a strip-chart recorder.

The first fragment of the comet to strike hit at about 19:48 UTC, July 16. The separation between Earth and Jupiter on that date caused a 43-minute delay in reception of the signal. Precisely on schedule, at 20:31 UTC, the normal Jovian hiss suddenly changed to a "rat-a-tat" sound that lasted for nearly 7-minutes. At the same time, the chart recorder showed a clear change.

The recordings and other data gathered was submitted to the Society for Amateur Radio Astronomy, in Atlanta, Georgia to be combined with all the other scientific data gathered during this unique event.

Title>GI3:An Interview With Robert W. Jones, VE3CTM
Author>Rinaldo, Paul - W4RI
Source>QST Dec 94, pp. 53-54
Abstract>Interview with the new head of the ITU Radio Communications Bureau.

Digest>Robert Jones is the new director of the International Telecommunications Union's Radio Communication Bureau. He is age 50 and became a radio amateur at 16, which was the minimum age at which ham licenses were given in Canada at the time. He later obtained Masters degrees in both engineering and business administration, and is still an active ham. He has held a number of administrative positions with the Canadian government.

The ITU is the international organization that meets periodically to negotiate treaties that establish the regulations controlling worldwide radio transmission. He will head the administrative staff at the ITU Headquarters in Geneva, Switzerland.

Title>GI4:A Christmas Card - With Apologies to Dickens
Author>Silver, H. Ward - N0AX
Source>QST Dec 94, pp. 55-57
Abstract>Fiction.

Digest>This is a story, illustrated with cartoons, in the vein of Dickens' "A Christmas Carol". The hero of the story is an old ham who has refused to send QSL cards for many years. The ghost of a dead ham friend returns and convinces him to mend his ways.

Title>GI5:Cuba: A Week to Remember
Author>Margelli, Janet - WA7WMB
Source>QST Dec 94, pp. 58-62
Abstract>A visit with Cuban hams.

Digest>WA7WMB, her husband Joe Lynch - N6CL, and Lauren Libby - KX0O visited Cuba as guests of the Cuban Amateur Radio Association (FRC) during the ARRL June VHF QSO Party. In view of the highly strained relations between our respective governments, the main concern of the visitors was to foster people-to-people relations between hams.

They had a very pleasant visit, made many friends, and succeeded in their purpose.
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wvanho@infinet.com

867. *** Fairfax, VA Hamfest; info req ***

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 11:59:33 UTC
From: Barry Jones <barryjones@delphi.com>
Message-ID: <RIy7aql.barryjones@delphi.com>
Source record: 253128

Can anyone give me info on the Hamfest in Fairfax, Va?
Date, time, location, etc.
Thanks.

868. Cincinnati hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 12:05:30 UTC
From: destry@clark.net
Message-ID: <3g2qea$k0v@clarknet.clark.net>
Source record: 253130

Does anyone have any information about the hamfest in Cincinnati the last weekend in February? Specifically, I need a phone or address to reserve indoor tables if they are still available. Thanks.

Roger N3TYV

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destry@clark.net Never attribute to malice that which can
be adequately explained by ignorance.

869. VK2WI Weekly News, 22nd January, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 12:34:04 UTC
From: dave@eram.esi.com.au
Message-ID: <3g2s3s$523@eram.esi.com.au>
Source record: 253203
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

==SILENT KEYS==

Ronald Pain VK1WP

Ronald T.W. Pain (VK1WP) died at his home in Canberra on 12.1.95 aged 78 years. A notice to this effect was included under "Deaths" in the Sydney Morning Herald last Saturday 15.1.95.

Ronald served as a commissioned officer in 6 Div. Signals and 9 Div. Signals (NX180) in the AIF during WW2 rising to the rank of Major. He then resigned from the Australian Army and served with the British Army in India and Malaya rising to the rank of Lt. Colonel. On returning to civiian life he very successfully established Mellolite Venetian Blinds until taken over by Hunter Douglas. He then went into business making aluminium windows (Day View).

Upon retirement he undertook Mission work in PNG during which time he gained his Amateur Licence, firstly P29NRP (1976) then P29rp (1978). He returned to NSW in 1979 and built himself a house at Coomba Park (near Forster) and was issued with the callsign VK2DBH. About 4 years ago he moved to Canberra and was allotted VK1WP. He was a member of the WIA. He is survived by his wife Margaret, 4 children and 12 grandchildren.

--A. Franklyn Pain VK2DYP

Norman Rex Martin VK2AID

Norman passes away peacefully on the 22nd of December 1994 after a short illness. Norman was born at Cooma in 1915 and always enjoyed the magic of the radio waves. Leaving school early, he studied radio and was employed all his life in the industry.

First licenced in 1936 as VK2JE, Norman's gear and licence were confiscated at the outbreak of World War II. He did not return to Amateur Radio until his retirement in 1981, this time as VK2AID. It was in his late life that he was able to make many overseas contacts.

He is survived by his wife Nell, a daughter in America, and his son Lloyd VK2BYU.

Vale Ronald VK1WP and Norman VK2AID.

==VK2 PRESIDENT'S MESSAGE==

This is Michael Corbin, VK2PFQ.

Attention everyone who has not as yet written to their Federal Member, and unfortunately, that seems to be quite a few, at least that's how it appears from the feedback we are getting from some city electorates. How do I convince people to write a letter to save themselves.

I would like to think that everyone who listens to the broadcast would have written by now, but of course apathy is something only the individual can control. I exhort everyone who is capable of writing to do so and do so today. To this end my report this week will be brief. That will allow you to get stuck into it right after the broadcast.

Short of ideas or what to say, well then stick to the view that amateurs provide a community service in time of disaster. In my time of involvement with the hobby, amateurs have assisted in times of flood, fire, earthquake and cyclone. My father, the late Jim Corbin, the original VK2YC, was awarded the M.B.E. for his work in the floods in and around the Maitland area in the fifties. He always said it was the Institute that won it. Not him! It happened, to cut a long story short, that the Army, who was at the time in control of all rescue work. There was no WICEN or SES in those days. It was not even thought of!!! Anyhow the Army it appears, lost, I think it was three Army ducks. My father, always reckoned that Hams had the ability to set up a network at the drop of a hat..you know...for the same sorts of reasons that apply today. We have the gear, we have the network we etc. etc.... It came to pass that the WIA NSW Division was challenged by a Major Cox I recall, who couldn't find his missing army ducks. The challenge to "put your radio where your mouth is". Amateur Radio Operators found them within hours!!!! The whole rescue operation was then run from my father's Chemist shop at 78 Maloney St., Eastlakes. There were, I recall Hams everywhere all over the place and at all hours of the day and night. The pay was then exactly what it is today....3/5th's of 5/8th's of....You know the rest.

The same thing happened last year with the Bushfires, when I understand the SES lost communications around Gosford....Amateurs to the rescue once more. Our only problem is, WE DON'T SELL OURSELVES ENOUGH....Yes we are a modest lot, and...Yes we do hide our light under a bushel----Well, it's about time we had something more to say.

If our Dural Repeater was on the air last time, perhaps it would have been another story. If our Institute propaganda machine had been doing it's job, then everyone would have known about what amateur radio did for the community. Well it wasn't and they didn't. Another wonderful opportunity gone begging... So, pen to paper without further delay. Need an address, give us a call, we will give you one....or better still ring your Local Council and ask them for the name of your local Federal Member. It would be a shame if we lost this because of apathy.

The Divisional Council, which by the way has several new members.... Yeah! More have resigned, last night created a committee which will prepare an urgent submission for the SMA. This committee which will be chaired by PETER JENSEN VK2AQJ. It comprises DAVE HORSFALL VK2KFU, CESAR MIRANDA VK2TCM and RICHARD MURNANE VK2SKY. This committee, except for the chairman, was not, as will be alleged by the "knockers" hand picked; it was made up of volunteers. A submission will be prepared and once ratified by the Council, will be presented to the Government and the S.M.A.

So in the meantime write those letters PLEASE...As I have said before, YOUR FUTURE is in YOUR HANDS. If you have written, then get your mates to write a letter....stand over them if necessary, but write....

Since the last Council meeting there have been three resignations from Council. John Robinson VK2XY, Jim Walker VK2XJW and Terry Ryeland VK2UX. As is provided in the M. and A's the Council can operate as it is, or invite the next elected candidate to fill the vacancy created. The order in which these vacancies were filled was, Peter Jensen VK2AQJ, Eric Fossey VK2EFY and Steve Pullan VK2QZ. Peter Jeremy VK2PJ declined owing to business/family commitments.

I am at a loss to know why Messrs. Walker and Ryeland having resigned, had any business being last Thursday evening inside the Divisional Office....Not only were they in the office they were.... in the back room?????? How do I know....they set off the alarm. The Security Company called to report a break in?!@#$??...They did't realise, hear or suspect a thing.....Bang! Got Yah! I will be writing to them requesting an explanation. To date of those who have resigned, Terry Ryeland is the ONLY one who has returned his keys!!!! Terry also returned his Fax machine....We can't even find the others. Indeed we still don't know how many we really have.... Reason??? Someone stole(?) lost(?)....whatever(?)...The asset register. Ah! But, that won't happen again.

I wonder why one of them was going through cabinets; I can understand them wanting to check "the top of the safe", in case someone had left something there? But they had resigned....they had no business being there under ANY circumstances. I'm not one for calling the Police but, it sure leaves a bad taste in the mouth. I'm really growing very, very tired of this sort of nonsense.

I had promised this week information on our disagreement with the Federal body and our threathened withdrawal. There have been some more developments. I really don't like to telegraph my punches. So, I won't.

See you next week.

==DIVISIONAL NEWS==

Proposed Band Plan changes

For those who have had the time to follow the technical aspects of the hobby will be aware that some changes are to occur this year to the suggested mode usages in Australia of Amateur radio Service bands from 10 metres through to 13 centimetres.

he present band plans appear in the information pages of the annual callbook, the magazine "Amateur Radio", and other sources at the hobby's disposal and provide the reference to all on how best to use the bands.

For some time John VK3KWA, Chairman of the Federal Technical Advisory Committee has been seeking input for band paln changes and the review has now been completed. Your State Technical committee and your Federal Councillor have the latest updates.

Before the changes can be introduced they have to be placed before a Federal meeting and voted upon by all States.

In a broadcast such as this, it is impractical to cover evry change in detail so we will use, in part, the summary prepared by John VK3KWA.

The changes are of a technical aspect and are a separate subject to the proposed licence fee adjustment.

This year it is exected that new regulations will be introduced which includes the new grade of "Limited Novice" and access to 10 metres by "Limited Licensees".

at 10 metres there is a chance the Limiteds (Z calls) will have a sub band from 28.7 upwards. Plan changes have included a suggested Domestic FM segment 29.000 to 29.200, a separate simplex portion to the existing international FM portion at 29.5 to 29.7. It is b not clear in the proposed 10 metre changes if the 'limited' sub band overlaps with the existing Novice part.

At 6 metres minor changes to footnote wording is proposed and WICEN has requested a simplex frequency of 53.150 MHz. Yet to be finalised is a national fox hunting frequency and perhaps a second WICEN channel.

At 2 metres where it is expected that Novices will gain packet access, it is proposed to expand, for the final time, a packet sub band 144.700 to 145.200 MHz. This is required as this sub band would form part of Novice lecence conditions.

CW practice beacons would have to move from below 145 to jus5t below the satellite portion, channels for linear transponders, national fox hunting, WICEN, information beacons, RTTY and SSTV/FAX are proposed in the 145-146 region as well as two clear channels for earth/shuttle communications.

At 70 cm it is proposed to expand packet channel capacity to reduce 2 metre crowding. Proposed also are special purpose simplex frequencies for RRTY, SSTV/FAX and fox hunting.

There is to be an expansion from the present 1 MHz wide linking channels at 420 and 440 to 3 MHz portions, i.e. 420 to 423 and 440 to 443 MHz. This is achieved by recommending that ATV operation at 425 to 432 be VSB in place of DSB.

At 23 cm the phasing out of the CAA radars centred on 1275 MHz will allow adoption of a wider ATV portion at 1280, able to support one FM or two VSB channels, introduction of narrow modes, including beacons, at 1270 to 1272 and expanding repeater offsets from 12 to the international 20 MHz.

At 13 cm, a band where we are lo tose 100 MHz of the 150 MHz secondary service to MDS, the band plan reassigns various modes to above 2.4 GHz and aligns as required to international concepts and usage.

That in brief is the proposed band planning which will be voted upon at a future Federal meeting.

A copy of the proposal is available to inspect at the Parramatta office. Future broadcasts may, where practicable, contain expanded details.

Before closing this report - an allied matter concerning the VK2RWI 23 cm repeater. The band plan changes include the conversion this year of 12 MHz offset systems to the international 20 MHz offset.

At present VK2RWI operates on the 12 MHz offset with an input at 1293.750 and an output at 1281.750 MHz. Our change would be to shift to an output at 1273.750 MHz.

The repeater equipment is frequency adjustable so if there is any preference to change to alternative channels you can forward your proposals and reasons by writing to the Dural Engineer (Dave VK2ZTB) at the Parramatta office at P.O. Box 1066 Parramatta 2124 or on the FAX to (02) 633 1525 by the end of January 1995.

23 cm repeater VK2RWI

During this week the 23 cm repeater has ben ut of service for minor maintenance. It will return to service in the near future.

The checks have indicated that there is antenna problems which at the moment are presenting some difficulties.

It is proposed as part of band plan changes to adopt the 20 MHz international offset later this year. This will have the advantage of diplexing into a single antenna rather than the pair of antennas which present different coverage patterns.

To provide for the single antenna operation, the VK2WI technical team seeks cavity equipment able to operate at 23 cm or able to be modified to the band. If you have anything suitable or know where something can be obtained, please let the team know.

Trash & Treasure

The next Trash and Treasure at Amateur Radio House Parramatta will be on Sunday 29th January.

Items for sale include leftovers from the test equipment from last time, a large quantity of Low Noise Converters, for personal shoppers only. However country members will be able to place an order, so contact the Divisional Office for LNCs. These are Plessey model 12A LNCs.

There will be the usual private stalls selling all kinds of gear. Sellers will be admitted at 12 noon, buyers come in at 1 pm. There will be hot dogs and cold drinks on sale.

==FEDERAL NEWS==

Electromagnetic compatibility networks

The Federal government has moved to establish a nationwide education and training program on electromagnetic compatibility (EMC) standards to help the Australian manufacturers and suppliers of electronics equipment meet the government's new EMC standards which will come into force on 1 January 1996.

All electronic equipment manufactured or assembled in Australia, as well as imported equipment, will be required to meet the new EMC standards. It will not be retrospective, however. Goods produced before that date will not need to comply. The Australian Electrical and Electronics Manufacturers Association earlier last year expressed the concern that there may be some dumping of overseas-made non-complying equipment leading up to that date.

Central to the goverment's education and training program on EMC will be the establishment of EMC Regional Networks, managed around the country by local co-ordinators. The scheme is to be co-ordinated on a national basis by the Australian Electronics Development Centre (AEDC), based in Melbourne.

The AEDC is a company dedicated to providing specialised training for the Australian electronics and telecommunications industry. It is sponsored by a variety of communications, computer and electronics companies, along with several government departments.

In November, the AEDC called for proposals from interested parties wishing to become co-ordinators in the scheme and is presently working on establishing the EMC Regional Networks, the objective being to provide access to the knowledge of EMC experts and EMC programs, a forum for government and industry dealings over EMC issues and a structure for network members to work on specific EMC issues.

According to the AEDC, over 18 months the EMC Regional Networks will help both industry in general and individual companies develop and implement strategies for compliance with national and international

technical standards for EMC.

The WIA has made contact with the AEDC to see where the Institute and the hobby might benefit from some involvement.

Special event stations

Amateur radio will play a role in publicising the British-sponsored 1995 "Expedition Island Earth, Jason project" which, each year, takes a team of scientists and students on a scientific expedition.

In March 1995, the Jason Project will explore the volcanic islands of Hawaii. promotion for the expedition will be carried out at a number of UK sites, through the National Galleries and Museums.

The activities will be accompanied by several special event amateur radio stations. In the UK, GB6JAS will focus on VHF, UHF and satellite working. Further afield, GB0JAS will be heard on the HF bands. They plan schedules with British research vessels in the North and South Atlantic, according to the event organiser, Alan Clayton G7HZZ (QTHR).

The special event stations plan to commence operations on 5 March. Further information will be available in amateur radio press and on packet radio, closer to the date.

==WICEN NEWS==

We trust that all WICEN members are writing letters to the various politicians, objecting to the proposed massive fee increase. It is a good idea to write to the politicians' opposite numbers as well; a full list is circulating on packet radio and on Usenet. Don't bother signing any petitions, as they are generally regarded as a joke; a personal letter is far more effective, amd in the eyes of the politician it can represent a hundred votes. By the same token, don't send in any "form letters", as they are quickly recognised for what they are. In your letter, you might like to point out how CB operators, who are allowed to conduct business on their bands, have had their fees eliminated, yet the specially-trained Amateurs who make up WICEN and cannot transact business are facing an almost doubling of their fees.

There are no events this month, but two new events for the calendar are the Bathurst Car Rally on the weekend of 25-26th February, and the Eugowra Car Rally on 8th April; the organiser is Alan VK2YYJ, and please note that both events are merely tentative at this stage. Alan advises that a major event is the Oberon Car Rally on 29th April, and many people are required; he can be contacted on packet radio as VK2YYJ at VK2CZR. In the meantime, regular events for March include the RTA Car Rally over the week of 4-11th, and the annual Bungonia Cave Rescue on the weekend of

18-19th.

Those regions wishing to have their activities publicised on this broadcast are requested to get the details to the Publicity Officer, Dave VK2KFU, by Thursday night at the latest; packet radio is the preferred medium, to VK2AAB, VK2OP, or VK2GJB.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

==NEWS BRIEFS==

Old spy satellites turn green

One of the problems facing scientists studying environmental degradation has been the lack of detailed knowledge of how things were before the environment came under close scrutiny. Now, thanks to some old spy satellites, all that is about to change.

U.S. President, Bill Clinton, is about to declassify millions of old spy satellite photographs taken between 1960 and 1972. These photographs provide a long-term base line from which to examine how the environment has changed over the last 35 years.

Also of interest is how spy technology has changed over the years. One of the early spy satellites, Keyhole 1, took its photographs on good oldfashioned film which was returned to earth by parachute for further analysis. Nowadays, of course, images are transferred by electronic means.

****

Still on matters orbital, a joint Japanese-German space capsule ended up somewhere in the Pacific Ocean this week instead of at Woomera, South Australia. The capsule failed to reach its correct orbit following a failure in the second-stage booster. The capsule re-entered the Earth's atmosphere somewhere between Japan and South America at 9 am on Monday.

Australian officials said that the failure would not affect our plans to make Woomera an international centre for space research. The Japanese government, meanwhile, plans to continue its space shuttle development programme. The Japanese intend to launch the shuttles from Kygoshima Space Centre and land them at the Woomera base.

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News Briefs looks at communications news items that appear in the mainstream media. Thanks this week go to the Sydney Morning Herald. If your local or regional paper runs an item of interest to amateur radio operators, why not send a clipping to the Divisional office?

Once again on the subject of writing to the papers re the fees increase, those of you with Internet accesss might be interested to know that at least two major newspapers are on the net as well. If you wish to send letters to the Editor of either the Sydney Morning Herald or The Australian, you can now do so without putting pen to paper. The email address for the Herald is letters@smh.com.au, while The Australian's address is ausletr@ozemail.com.au. In addition, several journalists at each paper have their own email addresses.

Does anyone know of any other media outlets on the net? If so, please contact the Divisional office.

Perhaps a letter on the issue of this massive fee increase or the so-called spectrum access tax might be appropriate. For the best chance of publication keep your letters to less than 200 words, and confine yourself to one or two major points.

--Richard Murnane VK2SKY

==ROYAL AUST. SIG2 REUNION==

Royal Australian Signals Extraordinary Reunion

This is being organised by the Sigs 2 Australian Division Wagga Wagga on 11-12 March 1995.

It marks the 50th annniversary of our victory in the Pacific and the 80th anniversary of the Sigs 2 Divisional Prism Signals Second Division - an extraordinary occasion.

Signals veterans, next of kin and friends are cordially invited to attend this once-in-a-lifetime opportunity to meet up with those you have served, and are serving with, or our friends. On Saturday 11th March, a morning reception, a memorial service at 4.30 pm with medals, and evening dinner at 6.30 pm at the Wagga Wagga Leagues Club (dress - lounge suits).

This will give you the opportunity to reminisce from Gallipoli to the present day. Then to Sunday at Lemy Barracks with an 11 am chapel service, barbecue, a flight of pigeons, and a memorabilia display. For those staying on, an informal evening meal at the Wagga Wagga RSL Club. Partners and wives are welcome.

The meal on the night of 11th March will be a hot selection - three meats at $19.00 a head. We have to have a firm count a few days before, and we have the room to ourselves on the night.

Kelvin O'Connell will be in Wagga Wagga on Friday afternoon and will meet trains and coaches, planes etc. We are asking wives of departed members if they are interested in attending, or even any interested family or next of kin.

There will be a wreath-laying on the afternoon of 11th March at about 4.30 pm in remembrance of comrades who have passed on. This will be held at the Memorial Garden and Lagoon end of Bayliss Street.

For more information, Sydney listeners can contact Wilbur Wright on phone/fax (02) 948 4512, or Kelvin O'Connell on phone (06) 21 5737.

==IPS REPORT==

IPS WEEKLY REPORT
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13 JANUARY - 19 JANUARY

DATE OF ISSUE: 20 JANUARY 1995

INDICES:

DATE 13 14 15 16 17 18 19
10CM 75 77 81 83 84 87 90
A 9 2 2 15 22 19 (4 ESTIMATED)
T 28 17 42 36 21 -14 33

SOLAR ACTIVITY WAS VERY LOW 13TH-17TH JANUARY AND LOW 18TH-19TH.

THE GEOMAGNETIC FIELD AT LEARMONTH WAS QUIET TO UNSETTLED 13TH-16TH, UNSETTLED TO ACTIVE 17TH-18TH, AND QUIET ON 19TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR NORMAL TO 15 PER CENT ENHANCED 13TH-16TH. ON 17TH-18TH, FREQUENCIES WERE DEPRESSED BY UP TO 25 PER CENT DURING DAYLIGHT HOURS, AND NEAR NORMAL TO 15 PER CENT ENHANCED DURING LOCAL NIGHT. ON 19TH, FREQUENCIES WERE ENHANCED BY 15-20 PER CENT DURING DAYLIGHT HOURS, OTHERWISE NEAR PREDICTED MONTHLY VALUES.

FORECAST (20 JANUARY - 26 JANUARY)

SOLAR: LOW

GEOMAGNETIC: ACTIVE 20 JANUARY, THEN UNSETTLED.

IONOSPHERIC: DEPRESSED BY 15 PER CENT ON 21 JANUARY, OTHERWISE NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

==CLUB NEWS: MID STH. COAST==

Mid South Coast Amateur Radio Club

The Annual General Meeting of the Mid South Coast Amateur Radio Club Inc. will be held at the "H Ranch". Little Forest Road, Milton on Saturday 4th february. Annual reports will be presented and election of officers for the forthcoming year will be held.

Arrivals are from 10.30 onwards. Visitors and families are most welcome. Please bring your picnic or barbecue lunch.

Our meeting place is a spectacular one with great mountain and ocean views and the South Coast is justly proud of its reputation for hospitality. We look forward to seeing you there.

from Stan VK2EL, Club Secretary

==CLUB NEWS: VHF TO SHF DX GROUP==

From the VHF to SHF DX Interest Group

The new year has started very quickly, but have you given any thoughts of what you are going to do this year? or are you going to add some excitements to your VHF/UHF contacts, the thrill of the chase and getting that new station a bit further away.

FM is OK, but SSB is better, contacts over distances of 300Km + are regularly been made. Get the thrill of getting a QSL card from that station knowing a repeater didn't help, you did it!

If you are interested in hearing more, join our Sunday net or come to our next meeting to be held at the WIA at Wigram Street, Parramatta starting time 7.30 Tuesday the 24 January 1995. All welcome.

The Group's Sunday net starts at 11:00 am after the end of the morning broadcast - I repeat - the morning broadcast, not the evening broadcast. The net uses 146.5MHz FM, this FM portion runs for approximately 30 minutes and then;

transfers to 144.150 MHz Upper Sideband.

The SSB activity night which is still being held every Tuesday evening 20:00 to 21:00 AEST is well patronised but certainly we would like to see some new stations so let's see you there and join in the fun.

-- Richard Soulie VK2ARS Publicity Coordinator

==CLUB NEWS: AATC==

Australian Amateur Television Club

The next meeting of the A.A.T.C. will be a combined committee meeting and minor general meeting - January 29th on a Sunday 1.00 pm at RCS Radio Bexley.

The purpose of this unusual procedure is so the Technical Committee can assess from the members attending as to what the

AATC will have on display at the Wyong Field Day ... a practice run you might say.

So please be here with your intended items for display to be logged on Sunday 29th of January 1995 at 1.00 pm - locstat = RCS Bexley.

The AATC welcomes any one interested in Amateur Television to call over on the day for information as to what, where and how.

For more information about the A.A.T.C. listen to the net on Tuesday nights from the Liverpool area on 146.625 MHz - approx 19.30 hrs - or watch us on 1250 MHz from our Oakdale repeater any-time.

Also you can ring the Publicity Officer on (02) 587-3491 bus. hrs.

Remember the Wyong Field Day is only 5 weeks away - see us there!

AATC Inc. Publicity Officer Bob Barnes

==CLUB NEWS: CHIFLEY==

Do you want to get your own Amateur Radio licence?

The Chifley Amateur Radio Club is conducting classes for the amateur radio licence.

They will cover Morse Code, Theory, and regulations, for an amateur radio licence.

The classes are on every Wednesday night at 7-30 pm.

The address is:
Good Shepherd School Hall, Hyatts Road, Plumpton.
100 metres south of Jersey Road. Opposite the new shopping centre building (Plumpton Markets).

Postal address:
Chifley Amateur Radio Club
Post Box 280 Mount Druitt 2770

Telephone number: 671-6992 or 637-2226

Once you have your Amateur radio licence, we will then show you how to connect your home computer to your radio and talk to the world using your computer.

Using any one of the many DIGITAL modes of communicating is a fascinating way to use your radio and computer.

Come along to our club rooms any Saturday afternoon and have a talk to any of any of our members for more information or come along on Wednesday night 8th Feb at 7-30 pm.

Visitors are always welcome.

JVFAX demonstration

The Chifley Amateur Radio Clyb will be putting on a JVFAX demonstartion on 28th January at 1-30 pm.

This demonstration will show you how easy it is to send and receive weather fax, or any other fax, SSTV, in colour using an IBM compatible computer and a very simple modem.

JVFAX70 is avery interesting program, it will open your eyes as it has to many other people.

The circuit board that we use is from RCS Radio.

This JVFAX demonstration is open to everyone.

As always VISITORS ARE ALWAYS welcome.

Bi-Monthly General Meeting

On 11th February the Chifley Amateur Radio Club will be holding its bi-monthly general meeting, at the club rooms starting at 1-30 pm.

At this meeting the members are able to ask the committee questions on operation of the club. At these meetings the committee ask the members for feedback on various topics in relation to the club.

These meetings are held so the members and the committee can communicate better, so no one feels like they are left in the dark.

The Chifley Amateur Radio Club holds meetings EVERY Saturday afternoon from 1-30 pm to 4-00 pm.

These meetings are held for the members and their friends to come along and tlk about any amateur radio, computer, related subject, or just to have a cuppa and chat with some friends.

So come along any Saturday afternoon and meet some of the members of the Chifley Amateur Radio Club. You will be welcome.

JVFAX demonstration on 28th January at 1-30 pm
Classes start on 8th February at 7-30 pm
General meeting on 11th February at 1-30 pm

from the
Chifley Amateur Radio Club Inc.

Publicity Officer: Ray Sparks VK2FKO

==COMING EVENTS==

Coming events

Now, a summary of upcoming events of interest to members and
other Radio Amateurs and Short Wave Listeners ...

Please note that the Divisional Office will be closed this month;
however, you can still call us, as the phone has been redirected
to a duty Councillor.

VHF to SHF Interest Group meeting. . . . . Tuesday
AATC net 146.625 MHz . . . . . Tuesday
Australia Day. . . . . .Thursday
Chifley ARC JVFAX demonstration. . . . . .Saturday
Divisional Trash and Treasure. . . . . .Sunday
AATC combined committee/general meeting. . . . . .Sunday
Divisional Office reopens. . . . . ?? February
WIA Federal convention . . . . . .3 February
Mid South Coast ARC AGM. . . . . .4 February
Chifley ARC classes begin. . . . . .8 February
Chifley ARC general meeting. . . . . 11 February
Bathurst Car Rally (WICEN--contact Alan VK2YYJ). .25-26 February
Central Coast ARC Field Day at Wyong . . . . . 26 February
RTA Big NSW Bike Ride (WICEN). . . . . .4-11 March
RAS Extraordinary Reunion. . . . . 10-11 March

If you have an event you'd like publicised on the weekly broad-
cast, then please send details to the Divisional Broadcast
Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by
fax on (02) 626-6066.Items can also be forwarded to the Divisional
Office before close of business on the Friday before the broad-
cast.

VK2WI Broadcast, 15th January 1995. Copyright 1995 WIA (NSW) &
contributors. Material may be used elsewhere if the source is
acknowledged.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

870. Re: Q's on 40m propo

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 12:37:02 UTC
From: fontam@clark.net
Message-ID: <3g2s9e$m59@clarknet.clark.net>
Source record: 253134

Kevin L. Anderson (kla@helios.augustana.edu) wrote:
: The last few days I've finally been able to get on the
: air with a 40m setup.

: During the day on Saturday I was getting decent contacts.
: In the evenings (0200-0400UTC) I can hear the SW broadcasters,
: but my signal seems to "get lost" (no returns to CQ's)

: Where is my signal going? Is 40m watlzing with the MUF (maximum
: usable frequency) and not bending back? Is enough of the
: broadcaster 100-500kW signal bending back to be heard, but equal
: percentage of my 30 watt signal not?

: wanting to learn... Cheers/73. Kevin Anderson,KB9IUA
: gganderson@helios.augustana.edu and anderson@ncrsun1.ncr.usace.army.mil

Kevin, What part of 40 are you trying to use. The QRM from the SW stations usually is pretty bad during the 0200 to 0400 period from 7100 to 7300. Below 7045 it is pretty quiet and your not competing with the digital modes , SW broadcasts, or SSB stations from outside US. If you are trying to work up in the novice portion, you need to use your filters on receive to pull the stations out of the heteradynes. The signals are there, and 40 is a great band in the evenings. As a matter of fact, there was a lot of activity this past Sat night on SSB between the heteradynes with the NA QSO contest. Don't give up hope. 73's Marc AA3JQ

871. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 12:49:39 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3g2t13$lkv@acme.freenet.columbus.oh.us>
Source record: 253138

```
USCG TELECOMMS (gttm@cais2.cais.com) wrote:
: There's a fellow that's been doing the same thing on 160 meters (1860
: kHz) for years. His call is WA0RCR, and broadcasts continuously. He
: transmits on AM and tears up about 8 kHz of spectrum. Is he also in violation?
: --
: + COAST GUARD COMMUNICATIONS +
: | |
: | Telephone: (202) 267-2860 U.S. Coast Guard (G-TTM) |
: | Fax: (202) 267-4106 Washington DC 20593 |
: | Internet: CGComms/g-t07@cgsmtp.comdt.uscg.mil |
: +-------------------------------------------------------------------------+
I don't think WA0RCR is on continuously - he wasn't when I worked him a
couple of years ago. He runs a net, like thousands of others.
GL and 73 Gerry K8EF@W8CQK.OH.USA.NA
```

872. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:04:49 UTC
From: jjmartin@world.std.com
Message-ID: <D2wxs1.Azx@world.std.com>
Source record: 253230
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

>No provision of these rules prevents the use by an amateur station of any
>means of radiocommunication at it's disposal to provide essential
>communication needs in connection with the immediate safety of human life
>and immediate protection of property when normal communication systems
>are not available.

Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
how can they apply to any other service. Sorry, but they can't.

Although I agree that the radio was taken illegally, Part 97 is not the
instrument (the paragraph you cited) that allows a person to use any
means of communications in another service.

I am not familiar with the rules for any other service so don't know what
they may or may not say about emergency communications. California has a
serious problem with who can do what when and where in any part of the
radio spectrum for starters, including amateur. (I'm a native of California
and would not consider for a second to go back there to live.)

Jez my $.02.

73 de wk1v
-jim-

873. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:18:26 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan24.141826.13761@ke4zv.atl.ga.us>
Source record: 253206

In article <3g0u3b$cor@orion.aoc.nrao.edu> dfinley@newshost.aoc.nrao.edu (Dave Finley) writes:
>
>I, too, saw the article in the Albuquerque Journal. It came from the
>Knight-Ridder News Service and probably appeared originally in the
>Philadelphia Inquirer. The offensive part of the quote was comparing
>Internet communication to Ham Radio "in the old days."
>
>One important fact that was overlooked in the article is that
>health & welfare traffic into and out of Japan is prohibited. We
>have no third-party traffic agreement with Japan, so U.S. hams cannot
>handle H&W or other traffic to or from the affected area. Were
>that not the case, I suspect there would be quite a bit of traffic
>on special HF nets right now.

I don't know this authoritatively, but I believe that Japan does
have third party agreements with some Asian countries. I have heard
that packet traffic between Japan and the US is routed via Korea
for example.

>And, yes, with 1.5 million (or more) Japanese hams, I think that
>many of them probably played and are still playing an important part
>in emergency comms in the affected area. We will have to wait for
>normal communications to be restored to learn the full story, but
>ham radio is not just a relic from "the old days."

Again, not speaking authoritatively, I don't think the Japanese
amateur service is chartered for emergency communications as is
the case with the US service. Nor is the Japanese culture oriented
to volunteerism like the US culture is. From what I've gathered
on the News, Japanese citizens generally wait for the government
to act rather than volunteering their help to strangers. So it
may be true that amateur radio isn't playing as large a part
in the earthquake relief effort as would be the case here in the
US.

Authoritative information would be welcome.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

874. Re: Baypac BP-1 Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:34:40 UTC
From: f5pje@stdin.gatelink.fr.net
Message-ID: <1995Jan24.143440.5997@stdin.gatelink.fr.net>
Source record: 253277

Steven Phillips (sphillip@nyx10.cs.du.edu) wrote:

: Does anybody know of ANY software other than Baycomm that will work with t
: above Packet or of any drivers that will let me use it with other programs

Using TFPCX 2.10, you'll be able to run SP 6.5, Graphic Packet 1.61b,
The Other Packet (T.O.P.), FBB 5.15c, etc...
If you have a fidonet access, send a file request to 2:323/9, you'll
find all the above mentionned softwares and many more :-)

73s, Eric, F5PJE

875. New License Question / Receipt Time info

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:38:44 UTC
From: dabloodgod@aol.com
Message-ID: <3g33dk$dn9@newsbf02.news.aol.com>
Source record: 253208

There were some messages here about the time to get a new license - Here is my data - I upgraded from no-code tech to advanced - I took all of the exams on New Years Eve (12/31/94), from the ARRL VEC in Culver City Ca. The new license arrived yesterday - 1/23/95, and was dated 1/13/95. So call it 2 weeks till the FCC processed the info and another week to get the license back to me in the mail.

Interestingly enough, the "Effective Date" was 1/13/95, but the expiration date remained 12/22/02 - 10 years from the date of my previous (and first) license. Any one have any idea why the expiration date didn't change ?

Thanks and 73's de Dave, kd6pro
(Yes I kept the old call sign - I like being a "pro").

876. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:51:46 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3g3462$88s@hacgate2.hac.com>
Source record: 253207

```
In article Iqn@news.hawaii.edu, jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:
|lbutler@umcc.umcc.umich.edu (Les Butler) writes:
|
|>FCC rules part 97.403
|>Safety of life and protection of property.
|>
|>No provision of these rules prevents the use by an amateur station of any
|>means of radiocommunication at it's disposal to provide essential
|>communication needs in connection with the immediate safety of human life
|>and immediate protection of property when normal communication systems
|>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
| ^^^^^^^^^^^^^^^^^
|
|So before you use your HT out-of-band to call for help you'd better
|make sure none of the following are nearby: pay phone, cellular phone,
|CB radio, amateur repeater, amateurs monitoring a simplex frequency,
|someone within shouting distance who could summon further help,
|signalling mirror to signal an overhead airplane. Otherwise, no
|fair grumbling if your HT gets taken away and you receive a NAL.
|
|
|Jeff NH6IL
|

However, 97.405 does not require that "normal communication systems"
(whatever that means) not be available. It seems as though the rules
are less restrictive if you yourself, or another station, are the one
in trouble as opposed to some pour soul you come across who doesn't
happen to qualify as a radio station. (Note: paragraph b doesn't say
"amateur station" or even "licensed station", just "station".)

---
97.405 Station in distress. - (a) No provision of these rules
prevents the use by an amateur station in distress of any means at its
disposal to attract attention, make known its condition and location, and
obtain assistance.

(b) No provision of these rules prevents the use by a
station, in the exceptional circumstances described in paragraph (a) of
this section, of any means of radiocommunications at its disposal to
assist a station in distress.
---

-Brian
```

877. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:52:30 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan24.145230.14001@ke4zv.atl.ga.us>
Source record: 253216

In article <3g17ve$sr6@fido.asd.sgi.com> Aditya Angrish <aditya@corp.sgi.com> writes:
> Why ground Towers and Buildings?
>(From what was taught in grade school, so not too scientific.)
>
>In addition to the above, grounding can reduce the chances of a direct
>hit. When atmospheric charge builds up in clouds it induces an equal
>and opposite charge in objects near it. So if there is +X volts on the
>cloud (I know charge is measured in coulombs, but for simplicity...)
>-X volts will be induced in your antenna. This results in a potential
>difference of 2X volts. If 2X volts is enough to traverse the intervening
>air, lightning strikes. Now if your tower is grounded, the potential
>difference is reduced to X thus reducing the chances of arcing. The
>idea here is to 'show' a ground rather than let lightning 'find' its
>way to the ground thru your system. So if lightning still strikes, at
>least part of your equipment (and you) will be saved.

Not too scientific indeed. :-)

You're correct that charges in the cloud induce mirror charges in
the Earth below them. But a grounded tower or building serves as
a low impedance path to bring this Earth charge up toward the cloud.
So you're still looking at the same potential, but the insulating air
gap is now slightly shorter. That's why towers and tall buildings are
most often struck, and why they offer a "cone of protection" from
strikes for other shorter structures and objects nearby.

>[They tell you, in case of lightning, your car is a safe place to be.
>Surely, electricity that has travelled hundreds of yards in the air
>is not going to be put off by a few inches of rubber.]

That's true, the tires play no part in the protection offered the
occupants of vehicles. It's the metallic body forming a Faraday
cage around the occupants that offers protection. A totally enclosed
metal cage has zero charge inside even with very high level charges
on the outside. (For static charges, that's actually only perfectly
true for a sphere, but it's true enough for any other shaped closed
metallic container to offer considerable protection. For *RF*, which
lightning is, the skin effect also comes into play and offers those
inside a closed metallic box protection from the currents flowing on
the outside of the box.)

However, your second sentence highlights why we want to ground towers,
antennas, and buildings. When the bolt strikes, we want to direct the
current in a controlled manner to Earth. Depending on a random flashover
path leaves us vulnerable. By providing a good low impedance path for
the strike, we can avoid having the strike flashover to structures,

equipment, or *us* on it's way to ground. And as someone else pointed out, we also need to deal with the induced currents in the antenna from a nearby strike. The ground connection also serves as a controlled path in this case.

In general, we can't *prevent* lightning strikes, all we can do is direct and control the energy in a safe manner.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

878. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 14:57:20 UTC
From: jim dixon <dixon@vt.edu>
Message-ID: <3g34gg$bl8@solaris.cc.vt.edu>
Source record: 253211

wjturner@iastate.edu (William J Turner) wrote:

> Search and Rescue teams from other countries
> detained for days to fill out paper work, and then they are thrown out
> in the streets without so much as a guide or translator.

I dont find this surprising. I think about the news that Japan is accepting
American apples. The have so many rules the serve as barriers to
trade that I would expect a significant delay if I did business
in Japan.

879. Subject: Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 15:05:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F25178E@smtp>
Source record: 253212

Some times creativity makes wonders...
If you are in an emergency situation, and need to access someone and no ham repeater or ham is available, put your tie in front of the mike to change your voice and call the emergency services.
When they arrive and they ask you who called them, say "there was a guy here who called you from up there. I dont know who it was, he's left."
The fact is that you have saved someone's life; more important than all the rest combined.
Peter

880. Local Radio Laws (was 2-meter HAM vs. Cellular)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 15:10:02 UTC
From: hall@macs.mxim.com
Message-ID: <3g358a$b1t@macs.mxim.com>
Source record: 253239
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <3g0smc$hka@kaiwan.kaiwan.com> feedle@kaiwan009.kaiwan.com (Chris Sullivan) writes:

> Regardless of what the law says, local government can and does
>pass RF-related laws, and does enforce them (scanner bans anyone?). Up
>until recently, the FCC hasn't cared about pre-empting local communications
>law. Perhaps this is changing under pressure from the cellular business
>and broadcasters...

Actually, the FCC probably isn't really charged with going after the local laws. Their enforcement power is to enforce the federal law. They can't chase all the county and city councils which may pass inappropriate statutes.

The way the FCC's exclusive authority is typically enforced is:

1. Some local statute conflicts with FCC authority.

2. Some poor guy gets charged with violating that statute.

3. In court the accused (or his attorney) points out that the statute is null and void because it violates the federal law.

4. The court invalidates the local law.

You will notice that the poor guy who was accused has to bear the burden of fighting the local statute in court (possibly through the appeal process). That is a pain in the neck at best and probably costs him a lot of time and money. Everybody benefits, but the guy who fights this through the courts better be prepared to do it right. It will probably cost him much more than the cost of a confiscated radio so some people may just accept the initial local penalty rather than fight it.

It really shouldn't be that way. I wish local officials would be more reasonable. (In fact I wish all government officials would be more reasonable.) Unfortunately in too many cases some jerk thinks he can score political points by passing an illegal statute (or just doesn't know that it is illegal). The only real solution would be for voters to demand competence and fairness from their politicians. Unfortunately I don't see that happening anytime soon, too many people will vote for anyone who promises what they want regardless of the fairness thereof.

881. Re: 10 Meters

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 15:10:43 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3g359j$106v@bubba.ucc.okstate.edu>
Source record: 253078

In article <wday-18019508200400001@fw19.dfw.net>,
>
>> I don't have the money for an expensive 160 - 10 meter
>> transciever...but I' like to get in to HF. What would it cost to get a
>> 10 meter SSB transciever (I heard Radio Shack makes one) - and what kind
>> of antenna would I need to get on th air?
>
>Sunspot activity isn't great, now, but it's high enough that you should be
>able to make some very intresting QSOs most days.
For a couple of hundred bucks or less you can get a Heath hw101 which will
get you on 10 - 15 - 20 - 40 & 80 with enough signal to be heard. It is best
to find one localy so you can get someone to help you get started with it.
All the tubes are still readily availble and they are easy to trouble shoot
and fix.

Trying to work ten meters will be pretty frustrating except when it is open
In the summer it will be open many days but the rest of the time will be
hit and miss.

Good luck
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

882. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 15:10:46 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan24.151046.14135@ke4zv.atl.ga.us>
Source record: 253217

In article <gradyD2vv7L.L0s@netcom.com> grady@netcom.com (Grady Ward) writes:
>I also agree that the ARRL should not monopolize amateur frequencies.
>
>If they want to broadcast, then they should get a regular shortwave
>license like everyone else. K1MAN is only following the lead of ARRL
>in exploiting a public resource for personal gain.

I don't think either the ARRL or K1MAN are out for personal gain. The
operators of W1AW think they are providing a public service, and
to some extent, so does K1MAN, and so do operators who play Newsline
over their repeaters, make club bulletin transmissions, repeat Space
Shuttle audio, or operate traffic nets. All but the last are one-way
transmissions, and according to Part 97 all are legal activities if
they meet certain requirements. All but W1AW and K1MAN's transmissions,
however, are done by operators with *receivers*. That's my complaint
with both W1AW and K1MAN, they don't monitor for a clear frequency
before starting transmission as required in the ARRL Operating Guide
(the "bible" for good operating practices in US amateur radio). This
is especially galling in the case of W1AW since they wrote the book.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

883. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 15:45:51 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g37bf$7pe@umcc.umcc.umich.edu>
Source record: 253245
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2wxs1.Azx@world.std.com>,
James J Martin <jjmartin@world.std.com> wrote:
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available.
>
>Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
>how can they apply to any other service. Sorry, but they can't.
>
>Although I agree that the radio was taken illegally, Part 97 is not the
>instrument (the paragraph you cited) that allows a person to use any
>means of communications in another service.
>
>I am not familiar with the rules for any other service so don't know what
>they may or may not say about emergency communications. California has a
>serious problem with who can do what when and where in any part of the
>radio spectrum for starters, including amateur. (I'm a native of California
>and would not consider for a second to go back there to live.)
>
>Jez my $.02.
>
>73 de wk1v
> -jim-
>
Jim,

Please read my posting. I don't think I made an interpetation of it, I
only quoted it. But now that you brought it up, It clearly states that
ANY means of communication is allowed in a life threating situation if
normal communications are available. (Since we're talking Amateur radio
here, I assume any form means, any form when normal Amateur frequencies
are unavailable.) Just a thought. I guess you can read it any way you
like, but if you really want to know e-mail the ARRL and ask for a
clarification.
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

884. Re: Tracking Transmitters for Animals ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 15:58:59 UTC
From: arm@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3g3843$vdc@nymph.nimh.nih.gov>
Source record: 253214
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Curt Mills, WE7U (archer@eskimo.com) wrote:
: In article <3flvok$s6o@feenix.metronet.com>, kf5mg@kf5mg.ampr.org says:
: >
: >In <deane.r.charlson-1901950825170001@botanybay.gsfc.nasa.gov>,
deane.r.charlson@gsfc.nasa.gov (Deane R. Charlson) writes:
: >>I was wondering if anyone had information on companys or individuals who
: >>make very small transmitters which are used to track animals. I'm looking
: >>for something that would go on a dog/cat collar and run for at least a day
: >>or two. Any information would be greatly appreciated. THANKS!

: While I was at WSU, I examined for a few weeks a radio collar that the U of I
: (Moscow, ID) people were using at the time for tracking cougars in Idaho.
: That might be someplace to start. The guy I borrowed it from was the
: licensee of the WSU amateur radio club, but can't remember his call.
: The club's call is w7yh, and I have a URL for their club if you want it.

: I also know about a LARGE project in Oregon in the Starky area, where they are
: automatically tracking elk movements by computer.

: Good Luck,
: Curt, WE7U.

There are some commercial devices. Email me and I might be able to find
a company name or two. Also, here is an old post from sci.electronics:

---------- cut here ----------

Article 83937 of sci.electronics:
Path: nih-csl!lhc!cs.umd.edu!zombie.ncsc.mil!MathWorks.Com!yeshua.marcam.com!insosf1.infon
et.net!news.i-link.com!news.sprintlink.net!tequesta.gate.net!inca.gate.net!rkinder
From: rkinder@gate.net (Robert J. Kinder)
Newsgroups: sci.electronics
Subject: Re: Radio Tracking Animals
Date: 12 Aug 1994 14:09:20 GMT
Lines: 75
Message-ID: <32fvqg$gn1@tequesta.gate.net>
References: <1994Aug8.154133.1@uctvax.uct.ac.za> <776490774.91snx@baker.pc.my>
<776596003snz@aquatec.demon.co.uk>
NNTP-Posting-Host: inca.gate.net
X-Newsreader: TIN [version 1.2 PL2]

Andy Smerdon (Andy@aquatec.demon.co.uk) wrote:
: In article <776490774.91snx@baker.pc.my> david@baker.pc.my "David Baker"
: writes:

: > >I'm doing a survey of radio devices used to tag/track/mark animals,
: > >particularly those that enable both range and direction to be found.
: > >
: > >Are there any companies that manufacture such devices or are they simply
: > >made on demand?
[snip!]

Here are some related references I obtained from the Circuit Search
database. The database is available via FTP. I don't recall the FTP
address I used.

CIRCUIT SEARCH
P.O. Box 268
Breslau, Ontario, Canada
N0B 1M0
Phone (519) 241-1252
Fax (519)742-5825

Title: REPEATER TYPE BIOTELEMETRY SYSTEM FOR USE ON WILD BIG GAME ANIMALS,
Author: CUPAL,J.J.
Affil: ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION, LARAMIE, WY
Mag: ISA TRANSACTIONS
Date: 750200 Vol: 14 No: 2 Page: 101 Article length: 8
CCT(s): HEAT FLOW RATE SENSING TRANSMITTER/NECK COLLAR REPEATER INCLUDING L
F. AM. RECEIVER, DETECTION CCT & SQUEGGING RF. OSCILLATOR/DECODE CCT
Devices: 3078/ZN414/741/4013/4011/4001/2N4072/2N4058/D26E1/MPS6521/
# of Circuits: 3 # of Devices: 9 Index of Complexity (0-100): 33
Analog/Digital: AD PCB: No Program: No Remarks: 42
Extra Keywords: IMPLANTED/HF./OA./SWITCHING TRANSISTOR/LINK/~0.5MI
Copies available?: Yes Record: 1,407 of 15,776

Title: BIOTELEMETRY AND RADIOTRACKING OF WILD BIRDS: PORTABLE DEVICE USING
SOLAR CELLS POWER SUPPLY [PS.]
Author: AUCOUTURIER,J.L.
Affil: E.S.E.L. UNIVERSITE DE BORDEAUX I, 351 COURS DE LA LIBERATION, 3340
5 TALENCE, FRANCE
Mag: ELECTROCOMPONENT SCIENCE AND TECHNOLOGY
Date: 770100 Vol: 4 No: 1 Page: 75 Article length: 4
CCT(s): TRANSMITTER CONSISTING OF CRYSTAL OSCILLATOR & C CLASS AMP., TO TRA
CK WILD ANIMALS/MODULATOR TO CONTROL CYCLIC OPERATION OF TRANSMITTER
Devices: 2N918/BC179/BC109/1N914/
# of Circuits: 2 # of Devices: 4 Index of Complexity (0-100): 10
Analog/Digital: A PCB: No Program: No Remarks: 42
Extra Keywords: CD-NI BATTERIES/72MHZ/PULSED/RADIATING POWER/10MW
Copies available?: Yes Record: 2,231 of 15,776

--
Robert Kinder # rkinder@gate.net
Software Engineer # Siemens Stromberg-Carlson # "You can't polish a turd."
Boca Raton, Florida # - Butt-Head
All opinions are my own and do not reflect those of my employer.

885. Re: New License Question / Receipt Time info

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 16:01:16 UTC
From: wjturner@iastate.edu
Message-ID: <3g388c$gid@news.iastate.edu>
Source record: 253218

In article <3g33dk$dn9@newsbf02.news.aol.com>,
DABLOODGOD <dabloodgod@aol.com> wrote:
>Interestingly enough, the "Effective Date" was 1/13/95, but the expiration
>date remained 12/22/02 - 10 years from the date of my previous (and first
>) license. Any one have any idea why the expiration date didn't change ?

A while ago (not too long...), the FCC decided to not renew licenses
unless you specifically ask for it. Since you were just upgrading, they
didn't change the expiration date.

They used some exuse of not wanting to do more work, or something like
that. I thought is sounded weird at the time, but oh well...

886. Re: HAMCALC9.ZIP

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 16:15:28 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.46.011C6760@dlep1.itg.ti.com>
Source record: 253202
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,alt.radio.pirate

In article <RaPeZc2w165w@voxbox.norden1.com> jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT) writes:
>From: jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT)
>Subject: HAMCALC9.ZIP
>Date: Mon, 23 Jan 95 19:16:50 EST

>-----BEGIN PGP SIGNED MESSAGE-----

>Some have expressed interest in having the VE3ERP HAMCALC9 programs unpack
>with PKUNZIP -D and still be located in and work from elsewhere than the root
>directory. I have reworked the files so they work off \HAMCALC. If I missed a
>program, please let me know.

>I didn't change anything else. It's too good the way it is.

>I called the revised zip HAMCALC0.ZIP.

>I'll send it uuencoded by e-mail to anyone who asks. Free, of course, but
>donations to MDA are urged or the Canadian charity VE3ERP requested.

>-----BEGIN PGP SIGNATURE-----
>Version: 2.6.2

>iQCVAwUBLyRHmN74r4kaz3mVAQFI3QP9FWC3VQgYLqc04g9/uu0AMljLE4M3WLX5
>UkNlqiwamS1sFvg/PnFWhU/YjerZqvh1fXT1LIRPha2Vv8kidkCIULFLd9Dar+mx
>SuOZQmfIinO49eod7PCxGEar+2chyCXpiJutrRxbW703mWDJ++XUrDHMqL+kwvFH
>kROVu3JEcz4=
>=o0KE
>-----END PGP SIGNATURE-----

Hi Jim...can I try this program? Please send me the uuencoded program HAMCALS9.

73

887. contest results

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 16:32:34 UTC
From: mobach@osaka.seri.philips.nl
Message-ID: <D2x4MG.K77@seri.philips.nl>
Source record: 253241

Can somebody give me any input where to find information about
contest results (HF) ?
Are there ftp/wwb/newsgroups covering this subject ?

Thanks in advance
]

Carel Mobach , PA3BAS

mobach@nlsce1.philips.nl

888. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 16:34:28 UTC
From: mtracy@arrl.org
Message-ID: <1995Jan24.163428.335@arrl.org>
Source record: 253215

Tommy the Tourist (Anon User) (nobody@csua.berkeley.edu) wrote:
:
: > Best rule of thumb, UNPLUG and GROUND all your antennas.
: > Kevin
:
: I have read this advice before, but I do not understand why the grounding.
: <snip>
: 73 DE KD1YV (finally got my new ticket :-0
: Jim

Jim,
The main reason to ground a structure for lightning protection is to control the path the strike energy takes and to prevent it from entering your home. More detailed information appears in the October and December 1994 QST Lab Notes columns on Lightning Protection. Electronic copies of these articles are available from the ARRL Email Information Server (or Info-Server, for short). To retrieve these articles, send an email message to info@arrl.org with any subject (it is ignored) and the following text as the body of your message:

help
index
send lightnin.txt
quit

You will receive both of these articles by email in a few minutes to a few hours (it varies a bit, depending on the mail path). If you have any questions about this service, please direct them to me at the address below.

Best Regards, Michael Tracy, KC1SX, ARRL Technical Information Services

---
American Radio Relay League, Inc. Tel: 1-203-666-1541
225 Main Street Fax: 1-203-665-7531
Newington, CT 06111 Email: mtracy@arrl.org
---

889. Re: 468MHz tx on FT530 Possible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 17:00:50 UTC
From: muehlber@badlands.NoDak.edu
Message-ID: <D2x5xE.Lys@ns1.nodak.edu>
Source record: 253233
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

Rob Knauerhase (knauer@ibeam.jf.intel.com) wrote:
: In <3euo7f$e93@nntp.interaccess.com> vuckovic@flowbee.interaccess.com (George Vuckovic) writes:
: >I've acquired a Yaesu FT530, which came with the extended tx/rx mods
: >already performed. It says that it should be able to tx up to 470MHz,
: >but it fails at 467. What happens is that I push the ptt, the TX light
: >comes on, (no signal present on other radio), and then the TX goes off,
: >with me still pressing the ptt. Anyone else have such a problem?

Actually Rob, this is not a problem. The VCO will not lock at that frequency. Although whoever sold you the radio said it would transmit up there, I'm sure Yaseu would never admit that. I did mods on many FT-530's and got so many questions about the TX range, I finally tested one and found that it will indeed transmit to 470 mhz, but the power output drops to milliwatts. The transmitter has a tight passband for the amateur band, and power drops off exponentially outside the band. I should add my discalimer that the radio is not type accepted for operation outside the amateur band. Since I no longer work for Radio City,(quit to go to college) though, I say... Knock yourself out!

Jim N0WMR x - amateur radio tech.
: Make sure you don't have any repeater offset turned on. A little
: experimentation with an FT-530 around here shows that it does transmit,
: unless you have positive repeater offset which causes the TX freq to be
: over 470MHz.

: Rob
: --
: Rob Knauerhase [knauer@ibeam.jf.intel.com] Intel Mobile Technology Lab
: "It would be quite possible to control a distant computer by means of
: a telephone line." -- Alan Turing, 1947

--
GGGGGG OOOOOOO N N A V V Y Y Jim Muehlberg
G O O NN N A A V V Y Y muehlber@badlands
G GGG O O N N N AAAAAAA V V Y Y Y .nodak.edu
G G O O N NN A A V V Y "Support our
GGGGGG OOOOOOO N N A A V Y military personnel"

890. Pro46, Pro2026, HTX202 4 sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 17:25:07 UTC
From: stewart@crl.com
Message-ID: <3g3d5j$t1@crl9.crl.com>
Source record: 253226

I've got two scanners and a two meter radio for sale.

The Pro 46 is a hand held scanner with 100 channels, 800 Mhz coverage and IS cellular restorable. Great shape - $150.

The Pro 2026 is a mobile scanner with 100 channels, 800 Mhz coverage and IS cellular restorable. Great shape - $160.

The HTX-202 is a two meter radio with all the bells and whistles. CTCSS (subaudible) tone encode and tone squelch. DTMF tones and 5 DTMF memories, 16 frequency memories, etc, etc. MUCH better recieve than on my Yaseu 530! Asking $160.

E-mail me if you are interested in any of the above.

Stewart
stewart@crl.com

891. question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 17:31:38 UTC
From: jangus@skyld.grendel.com
Message-ID: <790968698snx@skyld.grendel.com>
Source record: 253220

In article <3g1vkf$9pm@newsbf02.news.aol.com> horrock@aol.com writes:

> I hate to ask this...but...I missed what freq K1MAN uses.
> Would someone please E-mail me the freq?
> I plan to use him as a 75 meter beacon!
>
> Regards.

Congratulations. You've just indicated that you will partake in willfull
and malicious interferance. Any other helpful bits you'd like to contribute
to the hobby?

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

892. Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 17:35:36 UTC
From: jangus@skyld.grendel.com
Message-ID: <790968936snx@skyld.grendel.com>
Source record: 253221

In article <83950124045738.0007186758PJ4EM@MCIMAIL.COM> 0007186758@mcimail.COM writes:

> advertising for the class. All of the merchants have been very helpful and
> have let us advertise in their storefront windows except for the local Radio
> Shack. This is the second time we have tried to put a flyer in their
> storefront window and they have said NO!
>
> I thought this was kind of ironic since Radio Shack is the only merchant
> that directly benefits from the class since some of the students buy their
> books from Radio Shack.
>

It should be fairly obvious to most that Radio Shack is a "closed shop."
Basic policy is that it doesn't say Radio Shack, it doesn't get displayed.

There are exceptions. There are always exceptions. But you have to realize
what is the "normal" before you can make an exception to it.

Remember when they came out with their handheld? A beautiful full size
poster and the only thing the ham community could say about it is that
the frequency displayed was "illegal". Good work boys.

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

893. FT-530vsTH78a Opinions Sought

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 17:58:27 UTC
From: bsplaine@sr.hp.com
Message-ID: <3g3f43$hut@canyon.sr.hp.com>
Source record: 253158

Hi netters, I currently own a Kenwood TH78a which is a great HT. The only, ONLY thing I detest about it is the color scheme of the lettering on the push buttons and the detail lettering for the functions. I can't read them in dim light.. or even decent light without strain... I recently saw a ham with the Yaesu FT-530... It had back lit buttons.... this looked great but I have no idea as to how it might compare with the Kenwood. My TH-78a is an older version ~3yrs old... and I don't know if they fixed this coloring problem or not..might be just me :-)..

Anyhow, to make a long story short... How do you like the 530?????
Has there been a comparison of the two?

--
/\
\ Bill Splaine E-MAIL > bsplaine@sr.hp.com /
/ Hewlett Packard VOICE > (707) 577-2913 \
\ Santa Rosa, CA 95403 FAX > (707) 577-2095 /
/ ALL STANDARD DISCLAIMERS APPLY PACKET > N6GHG@KC6PJW \
\/

894. Re: Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 18:10:40 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.57.003D230C@infinet.com>
Source record: 253232

In article <83950124045738.0007186758PJ4EM@MCIMAIL.COM> 0007186758@mcimail.COM (Frank C. Morris) writes:

>A local group of hams in our area are in the process of putting on a ham
>class for the Novice/Technician class of Licenses. We have gone around to
>various merchants asking if we could put flyers in their store windows

<snip>

>I would like to know if any other hams have had a similar problem with Radio
>Shack? Or does anyone know who to contact at the corporate office with
>Radio Shack to discuss this matter.

Around here the managers are generally willing to display things like that.
Some even sell bumper sticker for the weather net.

Sounds like the problem is the individual manager. If you try going over the
manager's head, you should probably contact corporate communications at Radio
Shack -- the PR department, in other words.

Good luck!

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

895. Re: Sub-carrier radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 18:13:13 UTC
From: pmarsh@metro.mccneb.EDU
Message-ID: <9501241813.AA16269@metro.mccneb.edu>
Source record: 253231

ernie@hoqst1.ho.att.com (-ANGLADE ERNIE) asks about "Subcarrier"
Radio:
>
> I would appreciate any lead on what is known (at least in some
> circles) as "subcarrier radio." My limited understanding is
> this is a FM type broadcast which requires a modified FM
> receiver to receive.
> Any lead (i.e, FCC regulation, equipment provider, etc.) would
> be much appreciated. Thanks.
>
> Ernie
> ernie@hoqst1.ho.att.com
Best source, Ernie, would be your local radio talking book
service. It probably operates from a nearby public radio
station, the kind that Cute Newt wants to do away with. Almost
all of them use sub-carrier transmission, and would be more
likely to talk to you than SCA users in the commercial
broadcaster area -- you'd be a competitor, right?
Paul Marsh N0ZAU Omaha
pmarsh@metro.mccneb.edu

896. Mailing lists, etc.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 18:27:07 UTC
From: "Paul Knupke (CS)" <knupke@csee.usf.edu>
Message-ID: <Pine.SUN.3.91.950124132611.2273C-100000@babbage>
Source record: 253236

Where can I find a good list of amateur radio related mailing lists? I'm mainly interested in contesting, dx, and vhf+ stuff.

73 de KR4YL

* == *
> Paul Knupke, Jr. < * > University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu < * > Fidonet 1:3603/61 or 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* == *
"We're only immortal for a limited time ..." -- Neil Peart

897. Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 18:47:51 UTC
From: w5robert@blkbox.com
Message-ID: <wb5crgIsAloser@blkbox.com>
Source record: 253228

INSTRUCTIONS

Follow these instructions EXACTLY, and in 20 to 60 days you will have
received well over $50,000
cash, all yours. This program has remained successful because of the
honesty and integrity of the
participants. Please continue it's success by carefully adhering to the
instructions.

1) Immediately mail $1.00 to the first 5 names listed below starting with
number 1 through number 5.
Send cash only please (total investment $5.00). Enclose a note with each
letter stating: "Please add my
name to your mailing list." (This a legitimate service that you are
requesting and you are paying $1.00
for this service.)

2) Remove that name that appears number 1 on the list. Move the other 9
names up one position.
(Number 2 will become number 1 and number 3 will become number 2...you
get the idea.) Place your
name, address and zip code in the number 10 position.

3) Post the new letter with your name in the number 10 position into 10
(ten) separate bulletin boards in
the message base or to the file section.

4) Within 60 days you will receive over $50,000 in CASH. Keep a copy
of this file for yourself so that
you can use it again and again whenever you need money. As soon as you
mail out these letters you are
automatically in the mail order business and people are sending you $1.00
to be placed on your mailing
list. This list can then be rented to a list broker that can be found in
the Yellow Pages for additional
income on a regular basis. The list will become more valuable as it
grows in size. This is a service. This
is perfectly legal. If you have any doubts, refer to Title 18, Sec. 1302
& 1341 of the postal lottery laws.
Remember as each post is downloaded and the instructions carefully
followed, five members will be
reimbursed for their participation as a List Developer with one dollar
each. Your name will move up the
list geometrically so that when your name reaches the number five position
you will be receiving
thousands of dollars in cash.

1. Moncei Belyamani
115 S. Piedmont Ave.
Charlottesville, VA 22903

2. Jason Fournier
232 Hamilton Hall
University Park, PA 16802

3. Keith Bryk
1328 Bromely
910 South 3rd Street
Champaign, IL 61820

4. Josh Snyder
N8077 State Road 79
Boyceville, WI 54725

5. Douglas Rozek
324 South 42nd Street
Philadelphia, PA 19104

6. Oliver Marasigan
920 Placer Ridge Road
Walnut Creek, CA 94596

7. Timothy Hart
231 Hazelwood Ave.
Buffalo, NY 14215

8. Eli Mapstead
731 Park Drive
Bakersfield, CA 93306

9. Arturo Salcido
1225 Broadway #611
Chula Vista, CA 91911

10. Robert Wood
1013 Lewis Drive
Kemah, TX 77565

To Whom It May Concern,
About six months ago I received the enclosed post in letter form. I
ignored it. I received about five
more of the same letter within the next two weeks. I ignored them also.
Of course, I was tempted to
follow through and dreamed of making thousands, but I was convinced it was
just another gimmick and
could not possibly work. I was wrong! About three weeks later I saw this
same letter posted on a local
bulletin board in Montreal. I liked the idea of giving it a try with my
computer. I didn't expect much
because I figured, if other people were as skeptical as I, they wouldn't
be too quick to part with five

dollars. But, I buy lottery tickets weekly in my province and have nothing to show for it but ticket stubs.
This week I decided to look at this as my weekly lottery purchase. I addressed the envelopes and mailed
out one dollar in each as directed. Two weeks went by and I didn't receive anything in the mail. The
fourth week rolled around and I couldn't believe what happened! I can't say I received $50,000, but it
was well over $35,000! For the first time in ten years I got out of debt. It was great! Of course, it didn't
take me long to go through my earnings so I am using this excellent money opportunity once again.
Follow the instructions and get ready to enjoy. Please send a copy of this letter along with the enclosed
letter so together we can convince people who are skeptical that it really works!

-Good Luck
Charles Kust
St Agathe Que.

Another Letter:

I was working the grave yard shift at the hospital administration office and was bored to tears. I saw
this letter laying on my desk from the previous shift. I had nothing better to do so I figured, Why not? I
ran off over 100 copies on the office copier. I found some blank envelopes in a desk drawer and began to
hand write the addresses from the telephone book. I borrowed the postage meter and stamped the
envelopes. Carefully I stuffed the envelopes not forgetting to put in the five one dollar bills to the first
five names. I put the entire lot in the mail bag. Total time from start to finish was three and one half
hours which included several short stops to answer the telephone and fill out admission slips. Total cost to
me was $5.00. Forty two days later I gave notice to my employer and I will never have to work the night
shift again.

Peggy Lou G.
Scottsdale Arizona

PS. I made a nice size donation to the hospital building fund. I figured it was the least I could do for the
use of the postage and office supplies.

Luck happens when preparation meets opportunity!!!

Another testimonial:

Last week, you were all so hlepful when I had a HD question, so I wanted to reward all of you by letting you in on this deal. I have never heard of this kind of thing before, but seems so easy, I wonder what can possibly fail? I already sent out my money, and I urge you to do so also. I'm going to sen dthis to all the mailing lists that I belong to - the more the better!

--
73 Robert WB5CRG w5robert@blkbox.com

898. Request for info on Society of Wireless Pioneers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 18:51:04 UTC
From: nrr2642@rserver3.dsac.dla.MIL
Message-ID: <9501241851.AA09406@rserver3.dsac.dla.mil>
Source record: 253242

Does anyone have an address or contact point for the "Society of Wireless

Pioneers?"

Thanks 73

Barrie W3ENL/8

|
Barrie L. Schwartz W3ENL/8 | Phone: (DSN) 850-8440
Regional Telecommunications Officer | (COM) 614-692-8440
|
DLA Systems Design Center (DSDC-RR) | Fax: (DSN) 850-9731
3990 East Broad Street | (COM) 614-692-9731
P.O. Box 1605 |
Columbus, Ohio 43213-5002 |
EMAIL: bschwartz@dsac.dla.mil |
---

899. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 19:34:12 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3g3knk$icj@fido.asd.sgi.com>
Source record: 253229

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> >[They tell you, in case of lightning, your car is a safe place to be.
> >Surely, electricity that has travelled hundreds of yards in the air
> >is not going to be put off by a few inches of rubber.]

OOPS! should have mentioned that the above was a rhetorical statement.
I remember reading it in some book/magazine/proceeding a few years ago
and the second line (Surely...) kinda got stuck in my head.
However the 'splanation below is correct.

Aditya

>
> That's true, the tires play no part in the protection offered the
> occupants of vehicles. It's the metallic body forming a Faraday
> cage around the occupants that offers protection. A totally enclosed
> metal cage has zero charge inside even with very high level charges
> on the outside. (For static charges, that's actually only perfectly
> true for a sphere, but it's true enough for any other shaped closed
> metallic container to offer considerable protection. For *RF*, which
> lightning is, the skin effect also comes into play and offers those
> inside a closed metallic box protection from the currents flowing on
> the outside of the box.)
>
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

900. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 19:46:34 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3g3leq$vh5@bubba.ucc.okstate.edu>
Source record: 253098

>Anyone have any thoughts about where I could come up with about 20 orange
>vests or arm bands? I need about 20 of these to identify volunteers at an

Any store that caters to hunters should have orange vest. I saw them in
Walmart on sale for about $4.00. It would look good if you had a silk
screen shop print the club name on them.

73
Gordon AB5DG

Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

901. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:23:11 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Jan24.202311.9092@grian.cps.altadena.ca.us>
Source record: 253234

Steve.Hideg.1@nd.edu (Steve Hideg) writes:

>In article <1995Jan22.171022.4265@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) wrote:

>> IDing links is always a nuisance, but it has to be done.

>I had a long chat about this with Doug Hall (of Doug Hall Electronic fame)
>a couple of years ago at the Dayton Hamvention.

>His take on the link ID issue is that is really not necessary from a
>practical point of view. If the repeater itself properly identifies, the
>FCC has no problem with the rest of the system. It should be obvious what
>the callsign is for the links based on the repeater ID.

>Just one man's opinion I guess, but he said that he got that directly
>from an FCC engineer.

That's fine, but one FCC engineer's opinion is not much good when
another engineer cites you.

I personally like to ID every transmitter in a system separately,
so that if one develops a spur then I can figure out which one.
Each link could have a different ID - WA6xyz/L1.../L6, etc.

I ID the links at 1064hz, at about 2 to 3khz dev. Why 1064 hz? Its'
the log center of the gap between the low and high group of touchtone
frequencies and therefore will have minimal impact on downstream
touchtone decoders (Thanks to Allan WA6AWD for the tip).
A simple notch filter based on the toroid from a touchtone pad can take
out the tone in the link receiver audio path - or one can use a filter
of your choice. If you are going to do several link receivers (like for
taking the 1.9kc tone out of a GE voting panel system) the AMI S3526B
filter chip works very well (feed it a crystal freq - one crystal can
feed all the filter chips).

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

902. Re: K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:24:47 UTC
From: little@iamu.chi.dec.com
Message-ID: <3g3nmf$6bf@nntpd.lkg.dec.com>
Source record: 253235

In article <3g10ru$95g@geraldo.cc.utexas.edu>, oo7@astro.as.utexas.edu (Derek Wills) writes:
|> using it, I will use a different one. Most radios have
|> VFOs these days, and there are over half a million hams in
|> the US alone, so nobody can expect a "personal frequency"
|> any time they want to use it. As I understand it, there
|> is a loophole that allows W1AW and K1MAN to start up on
|> top of you if they have met certain conditions, which they
|> have.

What is this "loophole"? One could possibly argue that W1AW and K1MAN are not "intentionally" interfering with your prior use of the frequency, but I would also think that someone could equally argue just the opposite. If no technology existed that prevented them from determining if a frequency was in us before transmitting, then they'd probably be safe. I guess it is sort of like walking into a crowded mall with a machine gun, closing your eyes, and spraying the area with bullets. You might be able to argue that you didn't "intend" to kill anyone since you weren't aiming, but I doubt you'd stand a chance in court with that argument.

|> If they are following the same rules that allow W1AW and
|> K1MAN to do what they are doing, then they are legal, and
|> we can only petition the FCC to change the rules, not to
|> go after the people who are operating within the rules,
|> however much we dislike what they are actually doing.

The rules state they can broadcast under a certain constrained set of conditions. They don't say they can blindly QRM anyone that is on "their" frequency. Just like most radios have VFO's, so do most radios have receivers. Can't they use them?

And finally, please take this to rec.radio.amateur.policy where it belongs.

73,
Todd
N9MWB

903. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:26:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Jan24.122600.1@vax.sonoma.edu>
Source record: 253273

In article <wb5crgIsAloser@blkbox.com>, w5robert@blkbox.com (Robert Wood) writes:
>
> INSTRUCTIONS
>
> Follow these instructions EXACTLY, and in 20 to 60 days you will have
> received well over $50,000
> cash, all yours. This program has remained successful because of the

> 73 Robert WB5CRG w5robert@blkbox.com

Oh come on, Robert. Don't clutter our newsgroups with this crap.
--

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

904. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:35:41 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Jan24.123541.1@vax.sonoma.edu>
Source record: 253237

In article <790968698snx@skyld.grendel.com>, jangus@skyld.grendel.com (Jeffrey D. Angus) writes:
>
> In article <3g1vkf$9pm@newsbf02.news.aol.com> horrock@aol.com writes:
>
> > I hate to ask this...but...I missed what freq K1MAN uses.
> > Would someone please E-mail me the freq?
> > I plan to use him as a 75 meter beacon!
> >
> > Regards.
>
> Congratulations. You've just indicated that you will partake in willfull
> and malicious interferance. Any other helpful bits you'd like to contribute
> to the hobby?

Maybe I'm a little dense, but just exactly HOW would a station seeking only to RECEIVE another station be committing willfull and malicious interference? I'm a little stuck on this one...

Ken
--

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

905. listing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:37:09 UTC
From: TSTABLER@iunhaw1.iun.INdiana.EDU
Message-ID: <1E7D66F669E@iunhaw1.iun.indiana.edu>
Source record: 253257

Is this listing still working??? I placed some stuff in yesterday
and have heard nothing. Usually I get several listings per day.

906. Full duplex spread spectrum

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:40:00 UTC
From: jason@fir.canberra.edu.au
Message-ID: <jason.790980000@fir>
Source record: 253243

How is it possible to transmit and receive using spread spectrum, the same centre frequency, same bandwidth, same antenna but different codes? Is it possible at all without blowing up the LNA on the input? Would cancellation of the transmitted signal be practical and relatively simple?

Questions... questions...

--
jASON Hecker --+
| 3rd Year Electronics and Communications Engineering Student |
| University of Canberra, Australia jason@oak.canberra.edu.au |
+---+

907. ARLB006 Hams aid Japan relief

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:44:47 UTC
From: w1aw@arrl.org
Message-ID: <$arlb006.1995@ampr.org>
Source record: 253129
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB006
ARLB006 Hams aid Japan relief

ZCZC AG72
QST de W1AW
ARRL Bulletin 6 ARLB006
From ARRL Headquarters
Newington CT January 24, 1995
To all radio amateurs

SB QST ARL ARLB006
ARLB006 Hams aid Japan relief

Hams aid Japan relief

More than 200 amateurs are providing communication in the Kobe, Japan area following an earthquake on January 16 that killed more than 5000 people and left tens of thousands homeless.

Amateur Radio is being used to connect relief centers and to exchange information on road conditions and traffic; the health, welfare, and whereabouts of residents; and the availability of water and food, according to the Japan Amateur Radio League.

The JARL and the Japan Amateur Radio Equipment Industry Association (JAIA) are conducting the effort, at the request of the Ministry of Posts and Telecommunications. 200 hand-held transceivers for 430 and 1260 MHz, as well as three repeater stations, were supplied by JAIA member companies for the operation. Each portable station has been assigned a special call sign -- 8J3AAA, 8J3AAB and so on.

JA3YRL in Kobe serves as communication coordinator, while JA3RL, at the JARL's Osaka office, monitors the activity.

400 of the 600 relief centers (with a total of 240,000 evacuees) are not being served by this communication system, and the JARL is considering equipping at least half of them with amateur stations.
NNNN
/EX

908. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:50:48 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3g3p78$4t2@acme.freenet.columbus.oh.us>
Source record: 253238

Robert Wood (w5robert@blkbox.com) wrote:

: INSTRUCTIONS

: Follow these instructions EXACTLY, and in 20 to 60 days you will have
: received well over $50,000
: cash, all yours. This program has remained successful because of the
: honesty and integrity of the
: participants. Please continue it's success by carefully adhering to the
<SNIP>

What in the world does this have to do amateur radio?
Pay attention to the title of the newsgroup.
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

909. Re: VHF Collinear Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 20:58:48 UTC
From: jbromley@sedona.intel.com
Message-ID: <3g3pm8$6jf@chnews.intel.com>
Source record: 253136

In article <D2MMnx.Cv2@news.hawaii.edu>,
Jeffrey Herman <jeffrey@math.hawaii.edu> wrote:

>The following vhf collinear appeared in the '72 edition of FM AND
>REPEATERS. Can someone please tell me the length, in terms of W,
>of side S?
>
>
>
> |
> |
> | <---W/2 W = wavelength
> |
> |
> |______
> ______| S
> | W/4
> |
> | <---W/4
>
>
>Since side S is part of the phasing section it's length is vital.

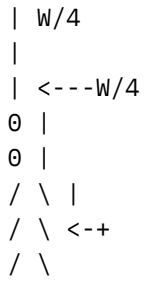
You're right, its length is part of the length of the phasing
section. Since the current flowing through S is not cancelled
by an opposite current, it radiates a small amount of power.
Therefore, is should be as small as possible - less than 0.05W.

The whole phasing section should be tuned for maximum current flow
in S. Or at least for a good match at the feedpoint. And it should
be done in the field. Also, you will probably find that it is
shorter than W/4 when you are done due to fringing capacitance around
the open end.

>How would the performance of this compare to say, a 5/8 wave vertical?
>What's the feedpoint impedence?

You need to feed it against a quarter-wave counterpoise like so:

|
|
| <---W/2 W = wavelength
|
|
|______
______| S



With this arrangement, the feedpoint should be reasonably close
to 50 ohms (SWR < 1.5:1). Gain will be 3 db above a single dipole
and about that over a typical 5/8 wave vertical with a crummy ground.
It would be pretty close to the same as a 5/8-wave over a perfectly
conducting, large-diameter ground.

>Jeff NH6IL

Jim Bromley, W5GYJ <jbromley@sedona.intel.com>

910. Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 21:11:58 UTC
From: Brian.Kelk@cl.cam.ac.uk
Message-ID: <3g3qeu$ckq@lyra.csx.cam.ac.uk>
Source record: 253265
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc,rec.radio.info

Phonetic Alphabets (Alpha Bravo etc)

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets and spelling alphabets. This collection
currently includes alphabets for the following languages:

English, French, German, Dutch, Flemish, Italian,
Rumantsch, Slovak, Polish, Hungarian, Croatian,
Swedish, Finnish, Russian, Chinese and Esperanto.

This posting supersedes the one of 15th December.

Recent new material: Croatian 24 Jan 95
French (Anatole Berthe) 24 Jan 95
Russian (Anna Boris) 15 Dec 94
Esperanto 17 Nov 94

My thanks to the many contributors, not all of whom are
acknowledged below.

I can make no guarantee of accuracy of this information;
indeed please send me any corrections or additions.

In my capacity as the editor of this collection I have no
objection to the further electronic distribution of this
posting in full in circumstances where it is likely to be of
interest.

Comments in square brackets are my own.

Brian Kelk bck1@cl.cam.ac.uk
24 January 1995

***** ENGLISH *****

The NATO phonetic alphabet (as per the Cambridge Encyclopedia
of Language under Seaspeak):

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

[The same alphabet, modulo Alfa and Juliett, is approved by
the International Civil Aviation Organization and the FAA.
The International Telecommunication Union Phonetics list
has: Alfa, Juliette, Oscar/Oskar, Victor/Viktor.

Dates from about 1956.
UK police use Indigo instead of India (?)]

Telecom B:

Alfred Benjamin Charles David Edward Frederick George Harry
Isaac Jack King London Mary Nellie Oliver Peter Queen Robert
Samuel Tommy Uncle Victor William Xray Yellow Zebra

[Found in Swedish, Dutch, Hungarian telephone directories.
A Swiss directory has: Andrew Charlie Lussy Queenie Sugar]

British A:

Amsterdam Baltimore Casablanca Denmark Edison Florida
Gallipoli Havana Italia Jerusalem Kilogramme Liverpool
Madagascar New_York Oslo Paris Quebec Roma Santiago Tripoli
Uppsala Valencia Washington Xantippe Yokohama Zurich

[An 'international' alphabet in a Dutch telephone directory
has: Danemark. A 'French' alphabet in a Hungarian directory
has: Cassablanka Danemark Que'bec Upsala Zu"rich]

Used by police in New York City:

Adam Boy Charlie David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Peter Queen Robert Sam Tom
Union Victor William X-ray Young Zebra

[Variants: Eddie Larry Nancy Thomas Yankee Yellow]

Used by police in Nassau County, Long Island, New York:

Adam Boston Chicago Denver Edward Frank George Henry Ida
John King Lincoln Mary Nancy Ocean Peter Queen Robert Sam
Thomas Union Victor William X-ray Young Zebra

Used by police in San Diego, California:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Queen Robert Sam Tom Unit
Victor William Xray Yellow Zebra

Used by police in Hutchinson, Kansas:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Q.. Robert Sam Tom Union
Victor William X-ray Yankee Zebra

Sometimes used by radio hams (unofficial):

America Boston Canada Denmark England France Germany
Honolulu India Japan Kilowatt London Mexico Norway Ontario
or Ocean Pacific Quebec Radio Santiago or Spain Tokyo United
Victoria Washington Xray Yokohama Zanzibar

[Much variation: Amsterdam, Brazil, Baltimore, Chile, Finland, Greece, Guatemala, Hawaii, Italy, Kentucky, Luxembourg, Nicaragua, Portugal, Romania, Sweden, Texas, Uruguay, Venezuela, Whisky, Zulu]

The ARRL (American Radio Relay League) alphabet (1948):

Adam Baker Charlie David Edward Frank George Henry Ida John king Lewis Mary Nancy Otto Peter queen Robert Susan Thomas union Victor William x-ray young zebra

[Nowadays the ARRL endorses the NATO/ICAO alphabet]

Allied Services 1945:

Able Baker Charlie Dog Edward Fox George How Item Jig King Love Mike Nan Oboe Peter Queen Roger Sugar Tape Uncle Victor William X-ray Yoke Zebra

From a book entitled "The Complete Morse Instructor..." (1944):

able baker charlie dog easy fox george how item jig king love mike nan oboe peter queen roger sugar tare uncle victor william x-ray yoke zebra

[The same alphabet is described as "Used by Armed services of USA & GB" in the ARRL 1945 Handbook. Entries cited in variants of this alphabet: affirm, cast, hypo, inter, negat, option, over, prep]

Western Union:

Adams Boston Chicago Denver Easy Frank George Henry Ida John King Lincoln Mary New_York Ocean Peter Queen Roger Sugar Thomas Union Victor William X-ray Young Zero

British Army 1927:

Ack Beer Charlie Don Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pip Queen Robert Sugar Toc Uncle Vic William X-ray Yorker Zebra

Royal Navy 1917:

Apples Butter Charlie Duff Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pudding Queenie Robert Sugar Tommy Uncle Vinegar Willie Xerxes Yellow Zebra

U.S. Army 1916:

Able Buy Cast Dock Easy Fox George Have Item Jig King Love Mike Nap Opal Pup Quack Rush Sail Tape Unit Vice Watch X-ray Yoke Zed

***** FRENCH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anatole bernard c'ecile denise 'emile fran5cois g'erard
henri isidore jean kl'eber louis marcel nicole oscar pierre
quital robert suzanne th'er`ese ursule victor wagon xavier
yvonne zo'e

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berthe Ce'cile Daniel Emile Franc,ois Gustave Henri Ida
Jeanne Kilo Louise Marie Nicolas Olga Paul Quittance Robert
Suzanne The're`se Ulysse Victor William Xavier Yvonne Zurich

(vocabulary book)

Anatole Berthe Ce'sar De'sire' Euge`ne E'mile Franc,ois
Gaston Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar
Pierre Que'bec Robert Suzanne The're`se Ursule Victor
William Xavier Yvonne Zoe'

***** GERMAN *****

Contributor: mrosa@eso.org (Michael Rosa)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Karl Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe Ypsilon
Zeppelin

Umlaut: A"rger O"dipus U"bel

More recent replacements: Konrad Zacharias

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anton bertha c"asar dora emil friederich gustav heinrich ida
julius kaufmann ludwig martha nordpol otto paula quelle
richard samuel theodor ulrich viktor wilhelm xanthippe
ypsilon zacharias

"a "arger
ch charlotte
"o "okonom
sch schule
"u "ubermut

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Bertha Caesar Daniel Emil Friedrich Gustav Heinrich Ida
Jakob Kaiser Leopold Marie Niklaus Otto Peter Quelle Rosa
Sophie Theodor Ulrich Viktor Wilhelm Xaver Yverdon Zuerich

Contributor: Christof A Neumann <neumann@informatik.tu-muenchen.de>

(issued by Deutsche Bundespost)

Anton Bertha Caesar Dora Emil Friedrich Gustav Heinrich Ida
Jakob Konrad Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xantippe Ypsilon
Zeppelin

sch Schule

Contributor: Steve Dunham <dunham@gdl.msu.edu>

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Johann Kaufmann Ludwig Martha Nordpol Otto Paula quer
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zeppelin

ss Eszett

(vocabulary book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martin Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanten
Ypsilon Zeppelin

A"rger O"konom U"bel

Contributor: Anno Siegel <anno4000@w172zrz.zrz.TU-Berlin.DE>

Arno Borvaselin Coburg-Gotha Doria Ernst Friedrichsroda
Gomorrha Herrenzimmer Ida Jawohl_Odol Kolberg_Ost Leonidas
Motor Nora Oekonom Per_Motorrad Quohnsdorf_bei_Forst
Revolver Sabine Tod Uniform Verbrennungstod Weltnordpol
Xolabaphon York_Yellowstone Zoroaster

oe Oekonomie
ue Ueberkonto

[This alphabet provides mnemonics for Morse code: a syllable
corresponds to a dash if it contains 'o', a dot otherwise.]

***** DUTCH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anna bernhard cornelis dirk eduard ferdinand gerard hendrik
izaak jan karel lodewijk marie nico otto pieter quotient
rudolf simon teunis utrecht victor willem xantippe
ij: ijmuiden ypsilon zaandam

***** FLEMISH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

arthur brussel carolina desire emiel frederik gustaaf
hendrik isidoor jozef kilogram leopold maria napoleon oscar
piano qualite robert sofie telefoon ursula victor waterloo
xavier yvonne zola

***** ITALIAN *****

Contributor: ebuie@sed.csc.com (Elizabeth Buie)
ebuie@starlab.csc.com

Ancona, Bologna, Como, Domodossola, Empoli, Firenze, Genova,
Hacca, Imola, Jolly, Kappa, Livorno, Milano, Napoli,
Otranto, Pisa/Palermo, Quartomiglio, Roma, Savona/Siena,
Torino, Udine, Venezia, Wagner, Xilofono, York, Zara

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Battista Carol Davide Ernesto Federico Giovanni acca
Isidoro i_lungo cappa Luigi Maria Nicola Olga Pietro
Quintino Rodolfo Susanna Teresa Umberto Vittorio vu_doppia
ics ipsilon Zurigo

***** RUMANTSCH *****

[aka Romansh, Roumansh, Rumansh]

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berta Carla Dora Emil Flurin Guido Hugo Ida Judit Kilo
Luisa Maria Nesa Otto Paula Quirin Rita Silvia Toni Ursin
Victor Willi Xaver Yvonne Zita

***** SLOVAK *****

Contributor: Martin Votruba <votruba+@pitt.edu>

(telephone directory)

Adam, Boz~ena, Cyril, C~adca, Da'vid, D~umbier, Emil,
Frantis~ek, Gusta'v, Helena, CHrudim, Ivan, Karol, Ludvi'k,
L~ubochn~a, Ma'ria, Norbert, N~ - Nitra, Oto, Peter, Quido,
Rudolf, Sva"topluk, S~imon, Toma's~, T~ - Tepla', Urban,
Va'clav, W - dvojite' ve', Xaver, Ypsilon, Zuzana, Z~ofia

***** POLISH *****

Contributor: Michal Jankowski <michalj@fuw.edu.pl>

(Warsaw telephone directory)

Adam Barbara Celina Danuta Ewa Franciszek Genowefa Henryk
Irena Jadwiga Karol Leon L/ukasz Maria Natalia Olga Pawel/
Roman Stanisl/aw Tadeusz Urszula Wl/adysl/aw Xantypa Ygrek
Zygmunt

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Adam, Bozena, Celina, Dawid, Ewa, Franek, Grazyna, Henryk,
Irena, Janusz, Kilo, Ludwik, Maria, Natalia, Olga, Pawel/,
Quido, Roman, Stefan, Tomasz, Urban, Violeta, Wanda, Xawer,
Y-grek, Zygmunt

***** HUNGARIAN *****

(telephone directory)

Andra's Be'la Cecil Do'ra Eleme'r Ferenc Gizella Hajnalka
Istva'n Ja'nos Katalin Luca Ma'tya's Na'ndor Olga Piroska
Queen Ro'bert Sarolta Ti'mea Ubul Vilmos Walter Xe'nia
Ypsilon Zolta'n

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Antal, Be'la, Cecil (Ce'za'r), De'nes, Eleme'r, Ferenc,
Ge'za, Hele'n, Ibolya (Imre), Ja'nos, Ka'roly, La'szlo',
Ma'ria, Nelli, Olga, Pe'ter, Kvelle, Ro'bert, Sa'ndor,
Tama's, Ubul, Viktor (Vilmos), dupla-ve' (dupla-Vilmos,
"viszki"), "x-es", "ipszilon" (jenki), Zolta'n.

***** CROATIAN *****

Contributor: Ivan.Drzanic@gbcon.g-box.fido.hr (Ivan Drzanic)

Adria, Biokovo, Cavtat, Dubrovnik, Europa, Frankopan,
Gospic, Hrvatska, Istra, Jadran, Karlovac, Lika, Mostar,
Novska, Osijek, Pula, Q, Rijeka, Split, Trgoir, Ucka,
Vukovar, W, X, Zagreb

***** SWEDISH *****

Contributors: simon@dront.nada.kth.se (Simon Tardell)
Jonas Wallgren <jwc@ida.liu.se>
m8509@sparc2.abc.se (Thomas Green)

Adam, Bertil, Cesar, David, Erik, Filip, Gustav, Helge,
Ivar, Johan, Kalle, Ludvig, Martin, Niklas, Olof, Petter,
Quintus, Rudolf, Sigurd, Tore, Urban, Viktor, Wilhelm,
Xerxes, Yngve, Z{ta,]ke, [rlig, \sten

where { is a with dots
] A with ring
[A with dots
\ O with dots

Sometimes used: Fredrik, Olle, Rikard

Stockholm police use Kryss (meaning cross) for X.

***** FINNISH *****

Contributor: Jukka Rahkonen <jrahkone@viikki.helsinki.fi>

Aarne Bertta Celsius Daavid Eemeli Faarao Gideon Heikki
Iivari Jussi Kalle Lauri Matti Niilo Otto Paavo Kuu Risto
Sakari Tyyne Urho Ville Viski [ks{ Yrj| Tseta]ke [iti \ljy

Uppercase Lowercase
] } a with circle (Swedish)
[{ a with dots
\ | o with dots

***** RUSSIAN *****

Contributor: tom@systemtechnik.tu-ilmenau.de (Thomas Planke)

Aleksej Boris Vasilij Grigorij Dmitrij Elena Zhenja Zoya
Ivan Ivan_Kratkij Kilowatt Leonid Maria Nikolai Olga Pavel
Roman Sergej Tatjana Uljana Fjodor Hariton Zaplja Chelovek
Shura Schuka Tviordiy_Znak Igrek Miagkiy_Znak Emilija Yuri
Jakow

Contributor: "Oleg.A.Chernozyomov" <root@aprmk.saratov.su>

(currently used in amateur radio)

Anna Boris Vasiliy Galina Dmitriy Yelena Yozh Zhuk Zinaida
Ivan Ivan_Kratkiy Konstantin Leonid Maria Nikolay Olga Pavel
Roman Sergey Tamara Ul'yana Fyodor Hariton Tsentr Chelovek
Shura Shchyuka Tvyordy_Znak Yery Myagkiy_Znak Ekho Yuliana
Yakov

Variants: Anton Grigoriy Yolka Zhenya Zoya Irina/Igor Yot
Kilowatt Lyubov Mikhail Nadezhda/Nina Oleg Polina Radio
Semyon Tatyana Tsaplya Znak/Iks Igrek Znak/Iks

Used informally: Borya Vasya Grisha Galya Dima Zina Kostya
Kolya Lyonya Lyuba Misha Masha Nadya Pasha Roma Sasha Tanya
Fedya Yulya Yasha

Morse code is as follows:

A B W G D E E V Z I J K L M N O P R S T
U F H C /- - -./- - - -/ Q X Y X /..-../..- -/.-.-

and the same mapping provides a system of phonetics for
Roman letters (used in parallel with Alpha Bravo). [The
mapping is similar to KOI-7 but not identical]

***** CHINESE *****

The Chinese armed forces use the following in connection
with Romanised Mandarin:

Aiya Boli Ciqi Desheng Egu Fuzhuang Geming Heping I: Yifu
J.. Keren Leguan Mofan Nali Ouyang Polang Q.. Riguang
Sixiang Tebie U: Weida V: Wudao W: Wuzhuang X.. Yisheng
Zidian

***** ESPERANTO *****

Contributor: KNAPPEN@VKPMZD.kph.Uni-Mainz.DE

(Yearbook of the Universal Esperanto Association 1959)

Asfalto Barbaro Centimetro \^Cefo Doktoro Elemento Fabriko
Gumo \^Girafo Hotelo \^Haoso Insekto Jubileo \^Jurnalo
Kilogramo Legendo Ma\^sino Naturo Omnibuso Papero Rekordo
Salato \^Silingo Triumfo Universo Universo-hoko Vulkano
Zinko

Non esperanto letters:

q = kuo
w = \^germana vo
x = ikso
y = ipsilono

***** END *****

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk

911. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 21:12:32 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD2xHKw.Dq9@netcom.com>
Source record: 253240

How about K6MMZ ?

912. Re: SPECIAL EVENTS STATION!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 21:29:21 UTC
From: cmlong@mtu.edu
Message-ID: <3g3rfh$63n@techsrv1.tech>
Source record: 253254

Mike (cmlong@mtu.edu) wrote:
: Hello Everyone,
:
: operation period. Anyone wishing to contact us via Packet can log in on
: 144.09 Mhz to the MTUBBS. Certificates will be awarded to all stations
: contacting W8YY during this period. Please send a large self
: addressed stamped envelope, certificate sized if you don't want any
: creases. The certificate is 8.5 x 11 inches.
:
Sorry about the inconvience everyone but the
packet freq should be 145.09 Mhz instead of
144.09 Mhz.

Sorry,
Mike

--

Michael Long Public Relations Manager for HARC
234 West McNair email majordomo@mtu.edu with
1801 Townsend Dr. subscribe harc-l (for amateur radio)
Houghton, MI 49931
Electrical Eng. Tech. Major
email: cmlong@mtu.edu Electromechanical Eng. Tech Major
Phone: (906)487-0204 Michigan Technological University
----

913. Re: "Subcarrier" Radio Anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 21:35:26 UTC
From: rkarlqu@scd.hp.com
Message-ID: <3g3rqu$p0l@hpscit.sc.hp.com>
Source record: 253244
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

In article <D2vpMC.4qp@nntpa.cb.att.com>,
-ANGLADE ERNIE <ernie@hoqst1.ho.att.com> wrote:
>
>I would appreciate any lead on what is known (at least in some
>circles) as "subcarrier radio." My limited understanding is this is
>a FM type broadcast which requires a modified FM receiver to
>receive. In other words, the standard AM/FM radio set would not be able
>to process the "subcarrier" signal. Hence the broadcasters typically
>sells these receivers to their listening audiences. This is
>typically done in non-English speaking ethnic communities, because I
>imagine it's much cheaper to set up these operations than with a
>traditional AM or FM radio station.

In big cities (top 50 markets), FM stations typically charge
$2000 to $10,000 per month for SCA rights. In a "podunk" market,
you might get away with as little as $500 a month.

>Any lead (i.e, FCC regulation, equipment provider, etc.) would be much
>appreciated. Thanks.
>
>Ernie
>ernie@hoqst1.ho.att.com

Rick Karlquist N6RK
rkarlqu@scd.hp.com

914. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 22:49:49 UTC
From: jrogow@ridgecrest.ca.us
Message-ID: <D2xM32.E6t@ridgecrest.ca.us>
Source record: 253247

In article <Lt17laZzwsZ9075yn@cris.com>, mthomas@cris.com (Martin Thomas) says:
>
>In article <027715XJLAHQGYOVVXPQ@ccsnet.com>, fisherb@ccsnet.com wrote:
>>
>>Famous people who got bored than found out what boring was really like:
>>
>>
>>N6YOS Priscilla Presley, actress (any relation?)
>This one is strange. The birth year is correct but October 1994 Hamcall
>lists name as Lou Lou Beaulieu. Is this a psudonym (or however that it
>spelled) ?
>
Beaulieu is her maiden name, Lu-lu was a childhood nickname. So, it
is probabaly her as she uses her "Presley" name only professionally.

915. Re: Radiogram

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 23:08:39 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.62.00D535EE@infinet.com>
Source record: 253248

In article <2F237414@smtp> pve@dg13.cec.BE (VEKINIS Peter) writes:

>Hi All!
>Is there a way to send radiograms(NTS) via the internet and a packet
>gateway?
>I am a ham (Extra class) and need to get in touch with a ham friend (K3SRO)
>in Lansdale, PA.
>Any help would be appreciated.
>Peter, KC1QF
>pve@dg13.cec.be

Hi Peter,

I know of no direct way to send NTS messages via the Internet. However, anyone who wants to send a standard NTS-formatted message to me can do that and I will see that it gets into the NTS from Columbus, Ohio.

Please make sure you follow standard NTS format -- messages no more than 25 words, with proper preamble, full address for addressee (phone number if possible). Local net meets here nightly at 7:15 with liaison to Ohio Single Sideband Net and a couple of CW nets.

73 de Bill, N8POV Central Ohio Traffic Net Manager

[HERE IS THE MESSAGE FORMAT IF YOU NEED IT:]

N T S F O R M A T

105 R (HXG) N8POV ARL 10 Worthington, Ohio (time, optional) Jan 24
Bill Blinn, N8POV
179 Caren Avenue
Worthington, Ohio 43085
614-436-5876 /BT/
ARL FORTY SIX from the
Central Ohio Traffic Net 73 /BT/
Bill, N8POV, COTN Manager /AR/NM/

TOP LINE:
105 - Message number (you assign)
R - indicates routine traffic
HXG - "G" is the default if you specify nothing.
N8POV - Call of originating station
ARL 10 - Message contains "canned" ARRL message, so count is prefaced by "ARL"
Worthington, Ohio - Address of person originating the msessage
Time - If given, use Zulu. Usually omitted on routine messages.
Jan 24 - Date (omit year)

NEXT FOUR LINES: Name, call (optional), address, city, state, zip, phone
/BT/ "BREAK"

BODY OF MESSAGE:
Message should be typed five
words per line X Use
the letter Xray to separate
thoughts X Xray does not
replace periods
/BT/ "BREAK"

Signature - may include address or phone number (these are required if the message is to member of armed forced reachable via MARS).
"Love" or "73" or any other closing belong in the MESSAGE BODY, not in the signature.
/AR/NM/ - End, no more.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

916. Re: Make money - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 23:37:11 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3g42v7$4u6@fido.asd.sgi.com>
Source record: 253249

w5robert@blkbox.com (Robert Wood) wrote:
>
>
A whole bunch of stuff deleted.
>
> --
> 73 Robert WB5CRG w5robert@blkbox.com
>

Robert,

A few thoughts:

1. Chain letters are illegal over both internet and US Mail.
2. Next to Amway, they are the fastest way to lose friends.
3. Nobody really sends the money. (I hope you didn't). You just
tack your name at No 10 and lop off No 1. Nobody's the wiser, right!.

Aditya

917. HR&M Affiliate List

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-24 23:44:56 UTC
From: lenwink@indirect.com
Message-ID: <D2xoMw.19q@indirect.com>
Source record: 253253

NEW AS OF 1-16-95:
Ham Radio & More Station List:
The following list can change often....

Arizona: KFNN, 1510am, Phoenix
Conneticut: WATR, 1320am, Hartford
Florida: WFFG, 1300am, Miami, Florida Keys
Illinois: WKTA, 1330am, Chicago
WBGZ, 1570am, Alton
Indiana: WPDJ, 1300am, Huntington/Ft. Wayne
Kentucky: WMTA, 1380am, Central City
Massach: BOSTON CABLE CHANNEL 38B, BOSTON
WKPE, 1170am, Orleans
WNBH, 1340am, New Bedord, Providence
Michigan: WMKT, 1270am, Traverse City, Cadillac
Missouri: WBGZ, 1570am, St. Louis
KSLQ, 1350am, Washington
N. Carolina:WEEB, 990am, Fayetteville
WCRY, 1460am, Raleigh/Durham
WGAI, 560am, Norfolk, Portsmith
WSKY, 1230am, Greenville, Spartanburg
Nebraska: KICS, 1550am, Hastings/Lincoln
Oklahoma: KTMC, 1400am, Tulsa, Mcalester
Oregon: KBNP, 1410am, Portland
Penn: WJMW, 550am, Scranton, Wilkes Barre
Tenn: WRWB, 740am, Knoxville
Utah: K26DI,Channel 26, TV, Castledale
KYKK, 630am, Salt Lake City
Vermont: WSYB, 1380am, Rutland

Ham Radio & More is on the Talk America Network. It is aired live every Sunday at 6:00pm EST, originating from Phoenix, Arizona. It can be heard via TVRO satellite on Spacenet 3, Transponder 9, 6.8 audio. Our toll free listener call-in line is 1-800-298-TALK. The originating station number is 1-602-241-1510 for more information. Any radio station can air the show FREE OF CHARGE.

Also, be sure to check out our WWW Home Page. It has information on upcoming shows, reviews of past shows, and even theme music. It is updated courtesy of the Boston Amateur Radio Club.
Access it at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

73, Len, KB7LPW

918. Baypac + tfpcx

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:01:00 UTC
From: alain.bourassa@inno.com
Message-ID: <8297.4299.uupcb@inno.com>
Source record: 253250

Hello

RR\>Try to get a copy of tfpcx, this is a Baycom like driver which will work
\>with the Baypac modem. It is a driver only and you will still need a
\>terminal program such as Super Packet ver 6.1.. I understand that there
\>is a more recent version of Super Packet, ie. ver 6.5 that will also
\>work.
\>73's Rich KA1OF

SuperPacket is up to version 9.0 now and that version could work with
TFPCX

TFPCX will also work with Graphic Packet, TPK, TSTHOST, TOP and FBB

More softwares could run with TFPCX but I didn't tried them

Alain
VE2MTV

* OLX 2.2 * Alain.Bourassa@inno.com

919. Re: K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:07:59 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3g44ov$bhi@gort.oit.umass.edu>
Source record: 253251

I don't particularly make a point of listening to K1MAN these days, but the times I have listened to it I haven't heard anything obnoxious. The production values are different from W1AW, but that doesn't bother me.

In 1993 when I was working in another country for most of the year I actually did search out K1MAN from time to time. My ham magazines were only sporadically forwarded to me, I didn't have access to net news and my schedule and propagation didn't co-operate well enough for me to catch W1AW bulletins regularly. The K1MAN broadcasts were interesting and useful for me at the time.

I've been an ARRL member for a long time and I don't have anything against the League, but I don't think it does the League any harm to have someone else doing some of what they do in a different way. And one of the things that I fear could happen is that people who get upset about K1MAN and cry out for new rules that would make his operation impossible would get rules that would also restrict W1AW's valuable services. That sort of thing has happened before.

In general I think ham radio would fulfill its purposes better if there were fewer amateur lawyers trying to prevent people from doing things differently and more experimenters doing them. I'm not saying K1MAN's experiment is a worthwhile one, but I don't think it does any harm.

If there only two other hams with kilowatt rigs listening to K1MAN instead of transmitting you have to conclude that he is reducing QRM.

73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

920. unsubscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:11:14 UTC
From: bonbright@SCFE.CHINALAKE.NAVY.MIL
Message-ID: <0098AF2D.93D700B0.25@SCFE.CHINALAKE.NAVY.MIL>
Source record: 253255

unsubscribe

921. Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:12:24 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3g4518$bhi@gort.oit.umass.edu>
Source record: 253259

I have often read recommendations that mobile equipment be installed with two power leads direct to the battery positive and negative terminals, and that both leads be fused near the battery.

I have never understood the logic of the fuse in the negative lead. It tends to presented as revealed truth. Can sometime justify it?

73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

922. Re: Ham Radio & Cruises

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:32:52 UTC
From: sgyee@ramp.com
Message-ID: <3g467k$nl4@porky.ramp.com>
Source record: 253262

In article <D2uCHA.Kwu@torfree.net>, ag121@torfree.net (Bryan Weaver) says:
>
>
>--
> --
> Coming to you from the 4 Corners of Brampton
>ag121@freenet.toronto.on.ca bryan.weaver@bville.gts.org
>ve3trj@ve3trj.ampr.org bryan.weaver@projectx.com

Well, other than the blank items (excluding the .sig), I think I get
the jest of your message from your subject line.

Amateur Radio on seagoing ships depends on the ships registry.
If the ship is a US registered or Canadian registered (unlikely),
you can transmit on any and all frequencies allowed to you by
your amateur radio license.

However, if the ship is registered in a country other than a US or
Canadian, then you will need to contact the country's consulate or
the ARRL for information on getting a recriprocal license to use
your amateur gear. The way this works out is that a ship that is
registered in "X" country is equivalent to a piece of that country on
the sea. You then are bound by that country's and specifically the
captain's rules.

Enjoy !

Steve

---
sgyee@phx.ramp.com	Become a member of the largest
71431.2137@compuserve.com	street gang in America.....
Amateur Radio Callsign: KC7ALZ	- THE COPS !! -

| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |
---

923. Re: Idea's for No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:39:05 UTC
From: sgyee@ramp.com
Message-ID: <3g46j9$nl4@porky.ramp.com>
Source record: 253263

In article <3g1ieg$nkk@kaiwan009.kaiwan.com>, bshapiro@kaiwan009.kaiwan.com (Ben KE6MVB Shapiro) says:
>
>I just upgraded to Tech _PLUS_ a few weeks ago. Before I got my ticket I
>decided that I would not keep my nocode more than a couple of months. I
>felt that if I really liked radio I would take the time and commitment
>to learn the code. IT WAS EASY. It took me about two weeks. I can now
>easily copy around 10 WPM. I think the FCC should change the licensing
>procedure to only allow people to stay a NO-CODE for a year. And then
>upgrade to TECH-PLUS or GENERAL. I believe the novice licensing procedure
>used to be similar.
>
Well, congrats on getting your CSCE on the morse. I'm sure you'll enjoy it.
However, I tend to disagree with you. I've had my call for over a year now,
and I'm frantically trying to get my WAS on 6 meter before I move ! I'm down
to only 10 states left, and that's pretty darned good in my book.

Since I've gotten my ticket, I've enjoyed the fact that I can talk to someone
else, even if it is voice, and that the people on the other end of the mikes
love getting a new contact as much as I do. Don't kill my hit parade just
because you wanted to get your code portion and I want to get my WAS.

Steve

sgyee@phx.ramp.com	Become a member of the largest
71431.2137@compuserve.com	street gang in America.....
Amateur Radio Callsign: KC7ALZ	- THE COPS !! -

| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |

924. Re: packet with scanner

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:44:24 UTC
From: jrl2@crux1.cit.cornell.edu
Message-ID: <3g46t9$kd0@tuba.cit.cornell.edu>
Source record: 253264

James,
I've done this with a pro-43 scanner, a kpc3, htx-20 and a mac.
The only thing I did different from my regular 2way packet setup
was that I didn't plug in the mic plug only the speaker plug.
You could get/make a PMP (poor man's packet or equiv) for either
a Mac or PC system (different kits for each platform) About $50 or so.
A KPC-3 costs about $115 mail order, less used.
Enjoy,
Jeff N2TIQ

jdgan@symnet.net (James Ganyard) writes:

>Is there any way to copy packet with a scanner? I would like to try using
>a Bearcat100xlt and a IBM PC Convertible laptop.
>I know I'll need some packet software but is a TNC really mandatory for
>recieve only?
>--
>Sig

925. Re: Presentation / Guest Speaker(s) for Club Meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 00:45:51 UTC
From: sgyee@ramp.com
Message-ID: <3g46vv$nl4@porky.ramp.com>
Source record: 253252

In article <3g1r9c$lql@xmission.xmission.com>, matthewg@xmission.com (Matthew George) says:
>
>I was curious if anyone has been an officer of a club who has had the
>opportunity to schedule and or find presentations or speakers for
>club meetings?
>
>I am the lucky ham that gets this job in the club I belong to! If anyone
>has had some experience with this, or has some good ideas, please drop me
>a line.
I gather since you are logging into the USENET from xmission.com,
you're probably in Utah.

The Amateur Radio Clubs here in Phoenix, AZ tend to use people
involved in either the electronics industry (getting someone from
Motorola to demo GPS, for example), local public figures that happen
to also be amateurs (Senator Barry Goldwater, for us), or other
media darlings.....

It might be a good experience for you to try and get media darlings that
don't have tickets. Our County Sheriff, Sheriff Joe Arpaio, is now becoming
interested in getting his ticket, along with a few Chiefs of the Sheriff's Dept !

Enjoy !

Steve

```
-------------------------------------------------------------------------
| sgyee@phx.ramp.com | Become a member of the largest |
| 71431.2137@compuserve.com | street gang in America..... |
| Amateur Radio Callsign: KC7ALZ | - THE COPS !! - |
-------------------------------------------------------------------------
| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |
-------------------------------------------------------------------------
```

926. Re: Idea's for No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 01:31:18 UTC
From: wwhitby@aol.com
Message-ID: <3g49l6$jjv@newsbf02.news.aol.com>
Source record: 253266

>I think the FCC should change the licensing
>procedure to only allow people to stay a NO-CODE for a year.

Why? I am perfectly happy with 2m and 70cm and in the future I plan on buying a TNC for packet. Why force somone to move up to another class of license when they don't want to. Why FORCE someone to learn CW when they don't want to?

The best part of ham radio is that there is something for everyone: FM, CW, SSB, ATV, Packet, RTTY, etc.
Warren Whitby
wwhitby@aol.com - Home
wwhitby@lan.mcl.bdm.com - Work
73s de KE4ITL

927. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 01:35:04 UTC
From: hdshrinkkr@aol.com
Message-ID: <3g49s8$jl9@newsbf02.news.aol.com>
Source record: 253268

It is exactly TRASH like this we do not need on the Internet. Such crass and tasteless commerical advertising will NOT be tolerated. Your sob story speaks of you being "grateful", this is NOT the way to repay those who have assisted you.
The Postmaster of your system has been notified.

NOW, GO AND CRAWL BACK UNDER THE ROCK THAT YOU CAME FROM!!

(Your ignorance was fully realized by posting your call sign with TRASH like this, that act of stupidity gives hams everywhere a bad name, think about it.)
****
"How do you tell a Communist? Well, it's someone who reads Marx and Lenin. And how do you tell an anti-Communist? It's someone who understands Marx and Lenin."
-Ronald Reagan, Arlington, Virginna, September 25, 1987

Bruce J. Howes
HdShrinkkr@aol.com
bhowes@cerf.net.com
****

928. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 01:49:00 UTC
From: amsoft@epix.net
Message-ID: <3g4amc$16t@grape.epix.net>
Source record: 253256
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3ftupi$plu@cactus.texas.net>, bob@texas.net says...
>
>In article <NEWTNews.18260.790755434.amsoft@amsoft.epix.net>,
AMSOFT@EPIX.NET says:
>>
>>
>>The Jan 95 "[deleted]" CD-ROM newsletter is now
>>available. This CD-ROM offers more ham programs than any of the
>>others out there! blah blah blah bullcrap
>
>/\/\/\/\/\/\/\ Chainsaw inserted here /\/\/\/\/\/\/\/\/\/\
>
>I, for one, do not wish to see the internet become a medium which
>presents a non-hostile environment for those who wish to use it to
>spew forth electronic junk mail. Many other would-be advertisers
>have had their mailers crashed by angry replies to such electronic
>fecal matter. I wish the same on the hoseheads at AMSOFT.
>___
>Bob | Roses are red, Violets are blue
>bob@texas.net | I'm schizophrenic, And so am I

What we offer on the Internet is "A FREE HAM NEWSLETTER" and nothing
more. The purpose of the newsletter is to inform the interested
Amateur Radio public that our product will provide them with useful
information about the hobby of Amateur Radio. The decision for
another individual on the Internet to receive a NEWSLETTER is the
readers decision, not yours. My post gives the reader the choice
if they wish to continue by requesting our newsletter. In the case
of yourself, you did not need to respond.

The ease of posting Usenet News articles causes many inappropriate
articles to be sent to the network.
An article can be inappropriate if it:

-- Is devoid of useful information or ideas.
-- Is sent to inappropriate newsgroup(s).
-- Is really intended for a particular individual,
rather than the entire Usenet community.
-- Contains rude or insulting remarks.

Articles should be composed thoughtfully. Consider sending an
electronic mail message rather than posting an article, if
appropriate. Be aware of the fact that many sites must pay long-
distance telephone charges to receive your article. Also be aware

of the fact that some of the popular newsgroups have tens of thousands of readers. 10,000 people each reading your article for 20 seconds spend a total of 55 hours reading your article. At the end of most articles there is usually a small blurb called a signature or sig. This usually comes from a file in the person's login directory and is appended automatically to the message by the news reader. Some people get carried away with their signature and place complex ASCII drawings or cute sayings at the bottom of their messages. These signatures bother most people and it is considered poor "netiquette" to ave signatures larger than about 4 lines. Please remember to save your signature file as plain ASCII text, since vendor dependent binary files (such as Microsoft Word files) are not portable across the entire Internet community.

Many new users wish to test their ability to post before they actually say anything of any interest to anyone. Don't post test type messages to an active newsgroup. This will interrupt quite a number of people and is considered poor "netiquette". There are usually a number of "Test" newsgroups (they usually have the word "TEST" in their name) that can be used to verify that posting from your host will be successful. Some test newsgroups (like ALT.TEST) have automatic E-Mail responding software. A post to those groups will cause electronic mail from all over the world to be sent back to you as your post gets forwarded from site to site.

The "Newsgroups:" line in a news header isn't limited to just one group. If a note makes sense to more than one area you can cross-post it to other newsgroups by just separating the newsgroups with a comma on the Newsgroups line. It is considered poor "netiquette" to cross-post to more than several newsgroups.

When posting new articles to News, please remember that News runs on many different hosts and operating systems. The majority of posts from the Usenet are viewed by people running non-DOS/Windows operating systems. Inserting graphics or non ASCII text (such as different fonts, underlining, color changes etc.) in an article will appear as unintelligible garbage to almost everyone else. When responding to articles, use the Follow-up Article option instead of the New Post option. This will maintain a reference link between your message and the article you were reading at the time of your posting. People reading your message from other "thread based" news readers, will be able to understand how your message fits into the rest of the conversation. Intersperse your comments between the quoted text and delete any large quoted sections that do not pertain to your response. Someone can always find the original text by clicking on the unique Message ID. Also, use Message ID's when referring to other articles and never refer to another article by it's article number. Article Numbers are never the same from system to system so only people reading news on your own local system will know to which article you are referring.

Try to keep your text in a generic format. Many (if not most) of the people reading Usenet do so from 80 column terminals or from work-stations with 80 column terminal windows. Try to keep your lines of text to less than 80 characters for optimal readability. If people quote part of your article in a follow-up, each line gets indented a few characters and gets proceeded with a ">". Thus, standard lines of 75 characters or less are best for later readability. Be careful when using proportional style fonts since they allow you to place more characters per line than fixed style fonts.

Last but not least BOB, your suggestion that persons should be asked to CRASH MAILERS WITH ELECTRONIC FECAL MATTER will be met with a strong challenge here at EPIX.NET!
Should such an occourence happen we will refer the matter directly to your commander, you are under the Uniform Code of Military Justice!
Furthermore any damages caused by your suggestion will be dealt with in a court of Civil Law.

929. Freeware testing and code software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:02:18 UTC
From: rjohnst@ibm.net
Message-ID: <3g4bfa$1d17@news-s01.ny.us.ibm.net>
Source record: 253270

Does anyone know of any good FTP sites and programs for testing and code learning? I am running WARP, so windows, OS/2 and DOS would work. Any help would be appreciated!

-B-

930. Correction in OPDX.191

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:10:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.191c.1995@ampr.org>
Source record: 253133
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

```
VP2M, MONTSERRAT. Art, WA2UJH, will operate from February 16-26th. Art
will be a Single/Op entry in the ARRL DX CW Contest. Their callsign is
unknown, but while there Art will operate mostly CW on 40, 80 and 160
meters including activity on the WARC bands. QSL via NW8F.
^^^^^
^^^^^ Correction!
----------------------------
Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud
```

931. .

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:18:00 UTC
From: rmcnicol@achilles.NET
Message-ID: <m0rWxJc-0006XKC@dragon.achilles.net>
Source record: 253272

SUBSRIBE
----->Sincerly Rodger McNicoll
--->VE3MS

932. NYC Amateur Emergency Radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:20:20 UTC
From: clay@panix.com
Message-ID: <3g4ch4$hr1@panix.com>
Source record: 253271
Cross-posted to: rec.radio.amateur.misc,nyc.general

New York City Amateur Radio has two emergency radio nets:

ARES-Net on NYC-ARES TAC-1 (147.2700 MHz)
Simulated Emergency Network (147.3600 MHz)

The NYC ARES organization was recently portrayed in an article in QST and is steadily growing and becoming more active in the NYC community.

The Simulated Emergency Network provides an excellent opportunity to practice your emergency handling skills. You can join experienced amateur emergency service operators to discuss and practice message handling on the air.

Participants in both nets played roles in coordinated emergency drills with local and federal government organizations this summer. I encourage NYC hams to take part in these nets.

--
Clay Irving, N2VKG | Membership Director (sea-member@sea.org)
clay@panix.com | The Society for Electronic Access (SEA)
http://www.panix.com/~clay | http://www.panix.com/sea

933. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:36:29 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3g4dfd$me0@cat.cis.Brown.EDU>
Source record: 253260

In article <1995Jan24.123541.1@vax.sonoma.edu>,
Ken Harrison <harrisok@vax.sonoma.edu> wrote:

>Maybe I'm a little dense, but just exactly HOW would a station seeking only to
>RECEIVE another station be committing willfull and malicious interference?
>I'm a little stuck on this one...

Not to mention that nobody has even proven that K1MAN's transmissions are
even malicious interference. The entire complaint is centered around
someone's claim that the frequency is "theirs" because they have a net
there and their net shouldn't "have to move".

K1MAN's actions may be obnoxious, but illegal? That's a tough call.
Maybe if the net moved, and he moved with them, that would be
malicious, but there hasn't been any claim to that at all.

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

934. Vanity Call Press Release

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:47:17 UTC
From: weltyrc@mail.auburn.edu
Message-ID: <D2xx2u.1x1@mail.auburn.edu>
Source record: 253269

From bjahnke@arrl.orgTue Jan 24 20:40:26 1995
Date: Tue, 24 Jan 95 14:15:00 EST
From: "Jahnke, Bart, KB9NM" <bjahnke@arrl.org>
To: 'arrl-ve-list' <arrl-ve-list@netcom.com>
Cc: "Jahnke, Bart" <bjahnke@arrl.org>, W5YI Fred Maia <3511297@mcimail.com>,
'NS5I Steve Sternitzke' <3703850@mcimail.com>,
N4BAQ Ray Adams <3904185@mcimail.com>
Subject: Vanity Call Sign News Release

Late breaking news!
-- Bart Jahnke, KB9NM, ARRL/VEC

FCC NEWS

Report No. DC95-19 ACTION IN DOCKET CASE January 24, 1995

COMMISSION AMENDS AMATEUR SERVICE RULES TO IMPLEMENT
A VANITY CALL SIGN SYSTEM
(PR DOCKET NO. 93-305)

In recognition of the strong sense of identity among amateur operators that is grounded in the call signs of their stations, the Commission has decided to offer a vanity call sign system to the amateur service community. The Commission will also resume issuing new club and military recreation station licenses. The Commission said these actions are fundamental to its commitment to putting the needs of people first in providing the services that they want.

Each new amateur station licensed by the FCC is assigned a unique call sign. An automated process selects the call sign in accordance with the sequential call sign system. Until recently, the Commission was unable to accommodate the many thousands of requests for call signs of the licensee's choice. The Commission stated that one of its many steps in reinventing Government is to implement new licensing processing capabilities that make it practicable to grant such requests.

The Commission will implement the new system by using a series of four "starting gates." Gate One would allow a previous holder of a call sign to apply for that call sign or, where the holder is deceased, a close relative could apply. Gate Two would allow the 66,000 Amateur Extra Class operators, who have passed the most difficult license examinations, to apply. Gate Three would allow the 112,000 Advanced Class operators, who have passed the second most difficult license examinations, to apply; and Gate Four would open the system to any licensee, including a club station license trustee applying for the call sign of a deceased former holder. The Commission will announce the opening of each gate by a Public Notice. The first gate will

open as soon as the new application form, FCC Form 610-V, is available and the Commission's licensing facility is prepared to begin procesing the applications.

With respect to new club station licenses, the Commission stated that persons not already holding a club station license must first apply for and receive a license before filing an application with the fee collection contractor requesting that the license be modified to show a vanity call sign. However, the Commission will begin accepting applications for new club and military recreation station licenses on the date the Report and Order in this proceeding becomes effective.

Action by the Commission December 23, 1994, by Report and Order (FCC 94-343). Chairman Hundt, Commissioners, Quello, Barrett, Ness, and Chong.

-FCC-

News Media contact: Patricia A. Chew at (202) 418-0500.
Wireless Telecommunications Bureau contact: Maurice J. Depont at (202) 418-0690.

There it is!
Now I really am motivated to get my extra!!
ryan
kr4oq

--
rrrrrr cccccc internet: weltyrc@mail.auburn.edu
rr cc amprnet : kr4oq@bbs.k4ry.#cenal.al.usa
rr cccccc snailnet: po.box.241@auburn.al.36831

935. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 02:50:26 UTC
From: q@wx8l.tacom.army.mil
Message-ID: <3g4e9i$17a@VTC.TACOM.Army.Mil>
Source record: 253261

Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
: I have often read recommendations that mobile equipment be installed with
: two power leads direct to the battery positive and negative terminals,
: and that both leads be fused near the battery.

: I have never understood the logic of the fuse in the negative lead. It
: tends to presented as revealed truth. Can sometime justify it?

Al, current flows from negative to positive, a commonly overlooked fact.
fusing the B+ lead protects the lead from shorting to the chassis and
starting a fire. The fused ground lead protects the equipment.

: 73, Al N1AW

--
Sean McCarthy q@wx8l.tacom.army.mil

936. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 03:34:00 UTC
From: bsw@cs.brown.edu
Message-ID: <3g4gr8$okf@cat.cis.Brown.EDU>
Source record: 253267

In article <3g4518$bhi@gort.oit.umass.edu>, aswNS@hamp.hampshire.edu (Albert S Woodhull) writes:
|> I have often read recommendations that mobile equipment be installed with
|> two power leads direct to the battery positive and negative terminals,
|> and that both leads be fused near the battery.
|>
|> I have never understood the logic of the fuse in the negative lead. It
|> tends to presented as revealed truth. Can sometime justify it?
|>
|> 73, Al N1AW
|>
|> Albert S. Woodhull, Hampshire College, Amherst, MA
|> awoodhull@hamp.hampshire.edu
|> woodhull@shaysnet.com
|> 413-549-2962

Sure, this is easy. Imagine that BIG strap connecting the negative terminal of your battery to the engine block becoming corroded, or even falling off. Now when you go to start your car, the current from the starter tries to go thru your nice black negative lead to the radio. It then goes thru the radio chassis, and seeks ground either via the radio bracket (if its grounded to a metal part of the car), or thru the RG58U coax braid to the antenna ground. Fifty to a hundred amps thru this circuit is likely to make smoke, hence the smoke-reducing fuse.

73, Brian WA1VUT
Coventry, RI

937. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 04:41:10 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3g4kp6$85os@blue.weeg.uiowa.edu>
Source record: 253274

aswNS@hamp.hampshire.edu (Albert S Woodhull) writes:

>I have often read recommendations that mobile equipment be installed with
>two power leads direct to the battery positive and negative terminals,
>and that both leads be fused near the battery.

>I have never understood the logic of the fuse in the negative lead. It
>tends to presented as revealed truth. Can sometime justify it?

>73, Al N1AW

I don't think so. The "hot" lead (positive in most modern
vehicles) should always be fused. The "ground"lead (the
opposite) never. No two fuses are identical, if both
leads are fused, the "ground"lead can open leaving a
voltage on the chassis and components and allow further
damage by inadvertant grounding.

Additionaly, while 12 volts is generaly harmless to
humans, trying this with a high voltage system could
be deadly.

NE0R

938. DX Dinner Announcement

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 04:54:52 UTC
From: steveb4622@aol.com
Message-ID: <3g4lis$mae@newsbf02.news.aol.com>
Source record: 253275

The Southwest Ohio DX Association is pleased to announce the Tenth Annual DX
Dinner which will be held on Friday, April 28th, 1995 at the Stouffer Center Plaza
Hotel, Dayton OH. There will be a cash bar at 6:30 with dinner at 7:15. Tickets
must be purchased in advance, and are available from Tom Inglin, NR8Z, 4061 Eaton Rd, Hamilton OH 45013. Tickets will be $28.00. Please make your check
payable to SWODXA, and send an SASE for ticket return. Seating will be limited, so please order early. If you wish to sit as a group, it would be appreciated if you order as a group. All seats will be reserved. For further information, contact Steve Bolia, N8BJQ, at (513) 429-9954 voice / (513) 429-0218 fax or via Internet at SDB@AG9V.AMPR.ORG

939. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 06:07:34 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2y6CM.I8K@news.hawaii.edu>
Source record: 253161

myers@Cypress.West.Sun.Com writes:

>jeffrey@kahuna.math.edu (Jeffrey Herman) writes:

>>lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>>>FCC rules part 97.403
>>>Safety of life and protection of property.
>>>
>>>No provision of these rules prevents the use by an amateur station of any
>>>means of radiocommunication at it's disposal to provide essential
>>>communication needs in connection with the immediate safety of human life
>>>and immediate protection of property when normal communication systems
>>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>> ^^^^^^^^^^^^^^^^^

>>So before you use your HT out-of-band to call for help you'd better
>>make sure none of the following are nearby: pay phone, cellular phone,
******
>>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>>someone within shouting distance who could summon further help,
>>signalling mirror to signal an overhead airplane. Otherwise, no
>>fair grumbling if your HT gets taken away and you receive a NAL.

>Easy now, Jeff. First, this is a policy issue and I've directed
>followups to rec.radio.amateur.policy. Second, 97.403 does not
>require you to go out and buy a radio you do not have; in other
***

Hi Dana: I said ``nearby'' not ``buy''! I interpret ``...when normal
communication systems are not available.'' to mean either they
are not in close proximity (i.e. not nearby) or inoperative.

Having cleared that up this can now go to .policy.

Jeff NH6IL

940. Re: club meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 06:58:21 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3g4sqd$1pd@ixnews2.ix.netcom.com>
Source record: 253131

In <3g1rbd$8pn@newsbf02.news.aol.com> normjt@aol.com (Normjt) writes:

>The xyl and I will be in London this spring, and would like to attend a
>club meeting there or possibly a hamfest. Can anyone tell us how to
>find out where and when ?

Recommend that you post an inquiry to usenet Newsgroup:
"uk.radio.amateur"
which is similar in content to this newsgroup but is located over there.
Ask for the name, address and e-mail address of the English equivalet of
the ARRL and write to them for infomation. Give them dates of when
you'll be there and your ham interests.

Hope that this will be of help,
Arthur, N1NHZ, Boston (MA) Amateur Radio Club, 73

941. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 07:07:25 UTC
From: chipa@eskimo.com
Message-ID: <D2y94D.1Ft@eskimo.com>
Source record: 253135

K1MAN is an ego-maniac and should be run off the bands, but all the specious arguments in this thread miss the point. It is simply that his "broadcasts" go beyond Webster's definition of "bulletin" and FCC regulations regarding amateur-related content. All other aspects of this sickness are legal, if nauseating.

Complain like hell to the FCC, but _do not_ bother federal legislators.

Chip
chipa@eskimo.com

942. TS 940S advice?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 07:24:05 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <9501242320.aa02986@paris.ics.uci.edu>
Source record: 253137

Anyone out there with a Kenwood TS 940 have a minute to help me out?
I am interested in a few features of the rig, its performance on CW,
and how the AGC works for it. I am especially interested in a brief
comparison with the TS 440 in a few features.

If you have a little time and patience to help me out, please send
email to me, I suspect this is of little general interest :-) .

Clark
.....

Clark Savage Turner, Graduate Student Researcher

WA3JPG, QRP #3526, active on HF, VHF and UHF.

943. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 07:30:53 UTC
From: dave@eram.esi.com.au
Message-ID: <3g4und$217@eram.esi.com.au>
Source record: 253103

In article <3g4518$bhi@gort.oit.umass.edu>,
aswNS@hamp.hampshire.edu (Albert S Woodhull) writes:

| I have often read recommendations that mobile equipment be installed with
| two power leads direct to the battery positive and negative terminals,
| and that both leads be fused near the battery.
|
| I have never understood the logic of the fuse in the negative lead. It
| tends to presented as revealed truth. Can sometime justify it?

The worst thing you can do is to connect the rig direct to the battery terminals; but in case you do, then the -ve lead is fused for safety. The -ve lead normally goes to the chassis, ideally close to where the engine itself is grounded.

Simplistic reason: when the starter turns, it draws a heck of a lot of current. This causes voltage drops, right? Most particularly in the leads from the battery to the starter... Now, by some mechanism I've unfortunately forgotten, you can get a big enough potential difference between "true" earth (the chassis) and battery -ve to blow the tracks off your PCBs (it's a low-resistance path, and it doesn't take much in the way of volts to draw heavy current)...

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

944. Re: Ham Radio & Cruises

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 07:55:47 UTC
From: dbarton@moe.cc.emory.edu
Message-ID: <3g5063$5q@moe.cc.emory.edu>
Source record: 253132

Steve Yee (sgyee@ramp.com) wrote:

: Amateur Radio on seagoing ships depends on the ships registry.
: If the ship is a US registered or Canadian registered (unlikely),
: you can transmit on any and all frequencies allowed to you by
: your amateur radio license.

: However, if the ship is registered in a country other than a US or
: Canadian, then you will need to contact the country's consulate or
: the ARRL for information on getting a recriprocal license to use
: your amateur gear. The way this works out is that a ship that is
: registered in "X" country is equivalent to a piece of that country on
: the sea. You then are bound by that country's and specifically the
: captain's rules.

I have a different understanding based on some material I received from ARRL when I was preparing for a trip to the Bahamas. If the ship is US registry, you are able to transmit on all freq.s covered by your license while in the US territorial waters, and in International waters. You must obey the rules of the specific ITU region you are in when broadcasting in Int'l waters however. When your ship enters the territorial waters of another country, you must obey their laws, and probably need a temporary operating permit from that country.

I am not sure what the rules are when operating on a foreign flag vessel. The poster is correct in saying that you should check with the captain before transmitting...

73,

Doug
KE6LZM

945. VHF Propogation Warning Discussions

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 08:40:25 UTC
From: Peter Bowyer <peter@insite.parasoft.co.uk>
Message-ID: <D2yDFD.Jr4@demon.co.uk>
Source record: 253139
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

A reminder -

Following various half-discussions in uk.radio.amateur and elsewhere,
a mailing-list has been established to discuss the following topics:-

VHF DX Propogation and operation in general

Existing and potential warning mechanisms for :

short-term openings in Europe

short-term transcontinental 50MHz propogation

medium-term propogational trends

Any other related topics

Interested parties are welcome to subscribe - the list is managed by
Majordomo at my site; send email to

majordomo@insite.parasoft.co.uk

with the following in the body of the email

info vhf-dx-discuss

to get more inforation and details on how to subscribe.

--
Peter Bowyer G4MJS
g4mjs@insite.parasoft.co.uk
peter@insite.parasoft.co.uk
g4mjs@g4mjs.ampr.org

946. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 10:01:32 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <791028092snz@microvst.demon.co.uk>
Source record: 253140

In article <3g49s8$jl9@newsbf02.news.aol.com>
hdshrinkkr@aol.com "HdShrinkkr" writes:

> The Postmaster of your system has been notified.

And I thought it was a joke :-(

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

947. Re: Make money - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 10:04:08 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <791028248snz@microvst.demon.co.uk>
Source record: 253141

In article <3g42v7$4u6@fido.asd.sgi.com>
aditya@corp.sgi.com "Aditya Angrish" writes:

> 1. Chain letters are illegal over both internet and .....

Tell us more. The U.S. code against cruelty to i.p. packets, I guess.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

948. Mod for 950SD sub-rx??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 11:56:23 UTC
From: penneys@brahms.udel.edu
Message-ID: <3g5e97$8pj@brahms.udel.edu>
Source record: 253142
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I wonder if there is a mod to swap the sub-receiver frequency directly
into to tx/rx freq in the 950SDX, instead of having to go to split
op, swapping to the B VFO, and un-splitting. Any ideas? Tnx Bob

--
Bob Penneys, WN3K Frankford Radio Club N.E.R.D.S.
Internet: penneys@brahms.udel.edu Work: Ham Radio Outlet, Delaware

949. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 12:19:20 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.64.003B41D0@infinet.com>
Source record: 253143

>>I, too, saw the article in the Albuquerque Journal. It came from the
>>Knight-Ridder News Service and probably appeared originally in the
>>Philadelphia Inquirer. The offensive part of the quote was comparing
>>Internet communication to Ham Radio "in the old days."

I didn't see this article, but if that's the most "offensive" part of the article, I don't see how it's offensive. It's simply a fact that in an emergency people will try to communicate. In last year's California earthquake, the Internet served as a major route for messages.

Computers and the Internet continue to function only when they have electricity and hard-wire lines (excepting the occasional cel-tel link, of course), so the Internet might not work so well in a widespread disaster.

I'm a local NTS net manager who's committed to emergency traffic handling, but I also understand that technology moves on. If the Internet is available in an emergency, it might be a better and faster servant. But we can't assume it will be there.

If you read the article in question and you disagree with it, I recommend writing a FRIENDLY letter to Knight-Ridder EXPLAINING your point of view. The error, if there was one, doubtless came from a LACK OF INFORMATION and not from any ANTI-HAM BIAS.

I am also a member of the dreaded news media and can tell you that good reporters appreciate hearing from people with information. But as most of us are at least partially human, we rarely enjoy being flamed.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

950. Kobe earthquake - any ham response?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:01:28 UTC
From: richardm@zeta.org.au
Message-ID: <3g5i38$p7r@godzilla.zeta.org.au>
Source record: 253144
Cross-posted to: rec.radio.amateur.misc,aus.radio

Hi all,

Does anyone know if Amateurs in Japan have been active in relief work
following the earthquake at Kobe?

73 Richard VK2SKY

951. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:12:19 UTC
From: zornwl@cosmail4.ctd.ornl.gov
Message-ID: <46834.zornwl@cosmail4.ctd.ornl.gov>
Source record: 253150

On All Kinds of Dates
All Kinds of Folks have made interpretations and wrote about

>FCC rules part 97.403
>Safety of life and protection of property.

>No provision of these rules prevents the use by an amateur station of any
>means of radiocommunication at it's disposal to provide essential
>communication needs in connection with the immediate safety of human life
>and immediate protection of property when normal communication systems
>are not available.

Well, I just can't control myself anymore. So here's my reading and
interpretation.

FORMAT: "Given
My interpretation

1. "No provision of these rules prevents the use by an amateur station
This section stands alone and amateur stations may use . . .

2. of any means of radiocommunication
Any mode (AM, FM, SSB, CW, FSK, ATV, etc.)

3. at it's disposal
On any Amatuer radio frequencies

4. to provide essential communication needs

We will carry essential communicatios

5. in connection with the immediate safety of human life and immediate
protection of property
To protect life and property

6. when normal communication systems are not available.
Then other communication systems die.

So reworded,

This section stands alone and amateur stations may use any mode (AM,
FM, SSB, CW, FSK, ATV, etc.) on any Amatuer radio frequencies we
will carry essential communications to protect life and property when
other communication systems die.

Boy I'm lost - to me this means that we provide service to other services;
not others for us!

The rub is that FCC believes that only amatuer frequecies are at our disposal, see line 3 above.

Walt KF0OS

952. NEW QSL Info server on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:28:35 UTC
From: Gianluca Mazzini <gmazzini@deis.unibo.it>
Message-ID: <3g5jm3$lu@sirio.cineca.it>
Source record: 253145
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc, rec.radio.amateur.antenna

Today I start to run a QSL information database on Internet
with update possibility from the users. The service is on:

http://promet12.cineca.it/htlzh/qsl.html

Now, more than 20000 info are recorded but everybody
can improve this number and help me to build an
interesting, simple to use, worldwide QSL info server.

Please, when you access the system for the first time read
the Info/Help item.

73 & DX de IK4LZH John

953. NMO vs. UHF: Which is better?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:31:29 UTC
From: WWHITBY@lan.mcl.bdm.com
Message-ID: <sf260c85.005@lan.mcl.bdm.com>
Source record: 253146

I am going to replace the 2m/70cm mag mount antenna I have on my car,
and I was wondering which mounting style is better in terms of durability,
weather resistance, signal loss, etc.

I have an NMO style mount now and am satisfied with it, but if UHF is
better, I'll switch.

E-mail me direct at work with your replies.

tnx and 73s de KE4ITL,

Warren Whitby
Analyst, Nichols Research Corp.
wwhitby@aol.com - Home
wwhitby@lan.mcl.bdm.com - Work

954. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:40:05 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan25.134005.18201@ke4zv.atl.ga.us>
Source record: 253147

In article <Steve.Hideg.1-2301951553540001@hideg.cc.nd.edu> Steve.Hideg.1@nd.edu (Steve Hideg) writes:
>In article <1995Jan23.145215.9529@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) wrote:
>
>> Unfortunately for that theory, the links are operating as part of
>> an automatically controlled repeater system, and the rules treat
>> that differently. Such a system is considered, in it's entirety,
>> as a single station operating under a single source of control,
>> and under a single license. Now 97.119 says "No station may transmit
>> unidentified communications or signals, or transmit as the station
>> callsign, any callsign not authorized to the station." Using another
> ^^
>> station's callsign to identify the link is thus illegal.
>
>How does one authorize a call to a station? What if I say that all legally
>licensed calls are authorized to use my link?

Only the FCC can assign callsigns. The station license you were issued by the FCC has the only callsign on it that you can use to identify your station(s). When you are licensed, you are given two grants on one piece of paper, a station license with it's associated callsign, and an operator license (97.17b). The operator license has no associated callsign. So, for example, I'm an Advanced Class operator and I can establish amateur stations with the station callsign of KE4ZV. *I* am not KE4ZV, but my station is. This used to be clearer when the FCC would issue separate operator and station license documents.

>> Note that even when a repeater system is being controlled by another
>> amateur (who must be designated by the licensee as a control operator,
>> 97.103b) ^^^^^^^^^^^^^^^^^^^

any active designated control operator.)

>> rather than being automatically controlled, the repeater system
>> must still ID all it's transmitters with the repeater system licensee's
>> callsign, not the control operator's callsign. And, a licensee operating
>> as a control operator must be at either the local or remote control point.
>
>Where is this? 97.???

97.109(a)(b) and 97.119(a).

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

955. Famous Ham - Patty Loveless

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:56:00 UTC
From: jesposit@sctcorp.COM
Message-ID: <m0rX8Cv-0003aeC@sctladm.sctcorp.com>
Source record: 253148

Patty L. (Loveless) Ramey is KD4WUJ.

73,

Joe, K2YJL/M es VK2EJA

956. Anyone get a card from XF4M?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 13:58:52 UTC
From: dara@physics.att.com
Message-ID: <D2ys64.8uK@nntpa.cb.att.com>
Source record: 253152

During the contest weekend of Oct 30, a station signed XF4M.
QSL info was AA6BB or JH1AJT. It's possible that neither
is correct. Has anyone received a card?
Shel WA2UBK dara@physics.att.com

957. Guineacrafters Inc. introduces new product

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 14:14:06 UTC
From: sales@guinea.com
Message-ID: <cya3.0195@guinea.com>
Source record: 253149
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

In a continuing effort to be responsive to the needs of our amateur
radio customers, Guineacrafters, Inc., is proud to make available a
new product to the amateur community.

Hindenberg Hardline

Hindenberg hardline is ideally constructed for low-loss applications
requiring pressurized hardline. Filled with a gaseous hydrogen dialectric
and equipped with a special aluminum center conducter designed to
minimize lossy arcing, Hindenberg Hardline exhibits attenuation
characteristics that blow even Andrew Heliax away. All this for just
pennies more than Belden 9913 prices!

Specs and pricing are as follows

db loss per 100' @ Price
Item # Diam. 145 220 440mhz per ft.*

BFB-500 1/2" 0.9 1.1 1.5 0.75
BFB-625 5/8" 0.7 0.9 1.3 0.85
BFB-875 7/8" 0.5 0.7 1.1 1.00
BFB-1000 1.0" 0.3 0.5 0.9 1.25

*=hydrogen not included

For orders of lengths greater than 250', a 5% discount applies.
For orders of lengths greater than 1000', a 10% discount applies.

For additional information on specs or how to order, please contact
sales@guinea.com.

GuineaCrafters, Inc.
Made with Italian Pride

958. ARLB007 Vanity calls soon

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 14:16:43 UTC
From: w1aw@arrl.org
Message-ID: <$arlb007.1995@ampr.org>
Source record: 253095
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB007
ARLB007 Vanity calls soon

ZCZC AG73
QST de W1AW
ARRL Bulletin 7 ARLB007
From ARRL Headquarters
Newington CT January 25, 1995
To all radio amateurs

SB QST ARL ARLB007
ARLB007 Vanity calls soon

The FCC has announced its intention to implement a vanity call sign program, and also to resume the issuance of club and military recreation station licenses. In a January 24 news release, the Commission released a general outline of the new program.

Amateurs will be eligible to apply for a call sign of their choice in four ''gates.'' The first group eligible to apply will be previous holders of a call sign or the close relative of a previous holder of an amateur call sign who is deceased. The second group will be Amateur Extra Class licensees, then Advanced, then all others. The FCC will announce the opening of each ''gate'' by public notice.

The FCC said that the first gate will open as soon as a new application form, FCC Form 610-V, is available and the Commission's licensing facility is prepared to begin processing the applications -- no sooner than April, according to FCC staff. Applications for club station licenses will be accepted as soon as the FCC's Report and Order on this matter is released. Club station call signs will be issued systematically, unless under the fourth ''gate'' the trustee of an existing club station applies for the call sign of a deceased member as a vanity call sign for the club.

The fee for the use of vanity call signs will be 7 dollar(s) per year, or 70 for dollar(s) a ten-year license term, according to Wireless Telecommunication Bureau staff. However, on January 12, 1995, in a notice of proposed rule making, the FCC proposed a fee of 3 dollar(s) per year, for fiscal year 1995 (which began October 1, 1994).

Amateurs will be able to list up to 25 call sign choices, from any call area, FCC staff said. It is expected that it will be several weeks before the new form 610-V is approved.

More information was in July 1994 QST, page 84; June QST, page 81;
and February QST, page 84. (PR Docket 93-305).
NNNN
/EX

959. Re: packet with scanner

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 14:29:16 UTC
From: delaney@j51.com
Message-ID: <3g5n7s$4ju@j51.com>
Source record: 253105

You don't really even need software. A terminal program will work fine.
You can copy packet with a scanner, but you do need a tnc, that is a
definite, there is no other way to change the analog audio to a digital
form for the computer. They do have simple TNCs that fit in a DB25
connection and the software does the work.
Hope that helped some..

James Ganyard (jdgan@symnet.net) wrote:
: Is there any way to copy packet with a scanner? I would like to try using
: a Bearcat100xlt and a IBM PC Convertible laptop.
: I know I'll need some packet software but is a TNC really mandatory for
: recieve only?
: --
: Sig

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

960. Re: WWW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 14:54:52 UTC
From: levine@mc.com
Message-ID: <3g5ons$pt6@jericho.mc.com>
Source record: 253151

In article 2301951755020001@192.0.2.1, hmm@netcom.com (Scott Szretter) writes:
-->Anyone know of any WWW pages dedicated to (or atleast have good) HAM radio
-->stuff?

I run one with some of the stuff my company sells, if that's
what you mean by Ham Radio stuff.

http://www.raddev.com/biz/raddev/

Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
World Wide Web http://www.raddev.com/biz/raddev/
reply for Radio Devices to bob@raddev.com please. tnx

961. Vienna, VA Winterfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 15:24:56 UTC
From: kak@cygx3.USno.navy.MIL
Message-ID: <199501251522.HAA22582@ucsd.edu>
Source record: 253155

The Vienna, VA Vienna Wireless Society's Winterfest
will be held February 26. Doors open at 0800.

License Exams are held the previous morning (Saturday).

Kerry Kingham WA4BQM

U.S. Naval Observatory
Washington, D.C.
kak@CygX3.usno.navy.mil

962. Re: Guineacrafters Inc. introduces new product

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:03:02 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <791049782snz@microvst.demon.co.uk>
Source record: 253156
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

In article <cya3.0195@guinea.com> sales@guinea.com "Guineacrafters Sales" writes:

> Hindenberg hardline is ideally constructed for low-loss applications
> requiring pressurized hardline. Filled with a gaseous hydrogen dialectric
> and equipped with a special aluminum center conducter designed to
> minimize lossy arcing, Hindenberg Hardline exhibits attenuation
> characteristics that blow even Andrew Heliax away. All this for just
> pennies more than Belden 9913 prices!

And don't we all HATE that lossy arcing!

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

963. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:11:02 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3g5t6m$ghv@mozo.cc.purdue.edu>
Source record: 253157

In article <3g4e9i$17a@VTC.TACOM.Army.Mil>,
Sean (WX8L) <q@wx8l.tacom.army.mil> wrote:
>Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
>: I have often read recommendations that mobile equipment be installed with
>: two power leads direct to the battery positive and negative terminals,
>: and that both leads be fused near the battery.
>
>: I have never understood the logic of the fuse in the negative lead. It
>: tends to presented as revealed truth. Can sometime justify it?
>
>Al, current flows from negative to positive, a commonly overlooked fact.
>fusing the B+ lead protects the lead from shorting to the chassis and
>starting a fire. The fused ground lead protects the equipment.

However, if your antenna is grounded to the chassis, won't the current
attempt to flow to ground that way if the fuse on the negative lead
blows first? I would think that would be more damaging.

It's unlikely that both fuses would blow simultaneously if a short
occurs - fuses of the same rating have minor variations and one is
bound to be weaker than the other.

I *knew* my Larsen thru-glass antenna had an advantage - no DC
ground path if you lose the radio's ground. :-)

Someone else mentioned the possibility of the car's grounding strap
[from battery (-) to chassis] failing, causing starter current to flow
through the radio's grounding wire. Personally I worry more about
meteors hitting me on the head, but a fuse of, say, 50% higher capacity
than the B+ fuse would cure this problem and avoid the possibility of
the ground-side fuse blowing first (unless your Big Ass(tm) amplifier
requires 4ga wire already, they you probably *could* handle starter
current on your rig's wiring!)

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

964. 1995 Field Day date ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:15:38 UTC
From: mellis@pica.army.mil
Message-ID: <D2yyI3.9s7@pica.army.mil>
Source record: 253092

When's Field Day this year (1995)? .

June-sometime, what days?

Thanks

Mark E. Ellis N2WZB Systems Administrator
PA&TD Software Quality Engineering Branch
<mellis@ramcad.pica.army.mil> AMSTA-AR-QAT-A, Bldg 62N, Picatinny Arsenal, NJ
---
http://ramcad.pica.army.mil/people/mellis.html

965. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:35:30 UTC
From: gbass@mitre.org
Message-ID: <gbass-2501951235300001@gbass.mitre.org>
Source record: 253153

In article <3g5t6m$ghv@mozo.cc.purdue.edu>, mconner@rain.atms.purdue.edu
(Mark D. Conner) wrote:

> In article <3g4e9i$17a@VTC.TACOM.Army.Mil>,
> Sean (WX8L) <q@wx8l.tacom.army.mil> wrote:
> >Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
> >: I have often read recommendations that mobile equipment be installed with
> >: two power leads direct to the battery positive and negative terminals,
> >: and that both leads be fused near the battery.
> >
> >: I have never understood the logic of the fuse in the negative lead. It
> >: tends to presented as revealed truth. Can sometime justify it?
> >
> >Al, current flows from negative to positive, a commonly overlooked fact.
> >fusing the B+ lead protects the lead from shorting to the chassis and
> >starting a fire. The fused ground lead protects the equipment.

There is a Technical Service Bulletin from Chrysler regarding the
installation of transmitters in Jeeps. It specifically says NOT to fuse
the ground lead at the battery. The service manager told me that there is
some possibilities of blowing some electronic modules if the ground fuse
blows and those modules would not be covered by Chrysler.

--
Jerry Bass <gbass@mitre.org>
The MITRE Corporation, Bedford, MA
"Disclaim this...!"

966. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:38:40 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan25.163840.19229@ke4zv.atl.ga.us>
Source record: 253154

In article <3g1rch$sds@oak.oakland.edu> ron@chaos.eng.wayne.edu (Ron Atkinson) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>
>: Unfortunately for that theory, the links are operating as part of
>: an automatically controlled repeater system, and the rules treat
>: that differently. Such a system is considered, in it's entirety,
>: as a single station operating under a single source of control,
>: and under a single license.
>
>Where does it say that in the rules? It sounds purely like a personal
>translation that every radio involved in a repeater system is part
>of the repeater. That would also mean that someone who sets up a
>crossband repeater between a simplex and repeater frequency would
>become an entity of that repeater system if the rules were written
>as you state and it would require an ID of the repeater system.

97.201(d) "An auxillary station may be automatically controlled only
when it is part of a system that includes a repeater station also being
automatically controlled."

97.5(d)(1) "..... A primary station license is issued only to
a person, together with an operator license on the same document. Every
amateur operator licensed by the FCC must have one, but only one, primary
station license."

(Call signs are issued to *stations* not to persons. Your operator's
license doesn't have a call sign, but your primary station license does.)

97.119(a) "Each amateur station, except a space station or telecommand
station, must transmit its assigned call sign on its transmitting channel
at the end of each communication, and at least every 10 minutes during
a communication, for the purpose of clearly making the source of the
transmissions from the station known to those receiving the transmissions.
No station may transmit unidentified communications or signals, or transmit
as the station call sign, any call sign not authorized to the station."

As you can see, 97.119(a) requires that the call sign of the *station*
must be given for each transmitted signal. The station call sign that
must be given is the primary station call sign of the licensee of that
station, not some control operator's station call sign. To operate under
automatic control, links, which are classified as auxillary operation,
must be part of the repeater system, thus they have to have the same
primary station call sign as that on the repeater.

Anyone setting up a crossband repeater between a simplex subband and
a repeater subband would be in violation of 97.205(b) since both

frequencies involved must be in authorized repeater subbands, not on simplex frequencies. Aside from that, however, the crossband repeater is not a link operating under the auxillary rules with regard to the other repeater. It is a standalone repeater operating out of band plan that happens to have an output falling on the other repeater's input frequency. It must ID *all* of its transmissions (both bands) with the call sign of the licensee of the station according to 97.119(a). (None of the current crop of dual banders will do this when operated in cross band repeater mode, and are thus illegal without some extra identification means.)

>Most people are just used to thinking of the repeater system as
>a whole, but the FCC doesn't think that way when you give them
>a call and ask them. Each link is considered a different station
>and not treated as a whole system.

If they don't treat the links as part of the system, then the links are illegal, since automatically controlled links can only operate as part of an automatically controlled repeater system. Even supposing they would treat all the transmitters as separate, they must all be IDed with the primary station call sign of the licensee. In other words, the owner of the equipment has to use *his* primary station call sign on any and all transmitters that are part of his repeater station system. *User* stations aren't part of the repeater station system, only the repeater station and it's associated auxillaries are part of the system as per 97.113(f).

>This is the same sitiuation in
>packet where someone has a system at home and one at a remote
>somewhere that is linked to their own system. Each one is a seperate
>system and not treated as a whole.

But both must be IDed with *his* primary station call sign, not with some *other* licensee's primary station call sign. That would violate 97.119(a). That's true with the links too, they have to be IDed with the primary station call sign of the licensee of the links.

>When a user transmits they
>are the one that is controlling the remote link transmitter to
>be enabled. By not transmitting the link is shut off. The rules
>are very simple to accomodate situations such as this.

The rules are clear, a control operator must exercise either local or remote positive control. Remote control via amateur radio can only be done by a station operating in auxillary operation. Auxillary operation is prohibited below 222 MHz. Thus, the two meter user *cannot* act as the control operator for the link transmitter, or repeater. Besides that, 97.103 requires that the active control operator of any station must be indicated in that station's records. Unless the station licensee is standing by and scribbling down each user's name in turn in the station records each time before letting them be control operators, the licensee is in violation of 97.103. And further, the user is no more

sending telecommands to the link than he is to a repeater he kerchunks. The link is operating under the automatic control of its COR or CTCSS decoder, not under manual control of the user.

And besides all that, an auxillary or repeater station's callsign does not change when the station licensee authorizes another amateur operator to be control operator. A licensee must *transfer* the station to the other operator for that other operator to legally use his own primary station call sign on it.

>On a different note, have you tried the idea of filtering out
>an ID at the main site if you do ID at a higher audio frequency?
>Just wondering how it would really work (sounds good, but things
>never seem to be easy to get working :-) If in doubt as to
>the rules you can always ID to be on the safe side just in case
>they a new lawyer comes in who translates it differently. I'd like
>to know of a decent way too.

Sure, works fine. It's essentially the same system used commerically on GE pilot tone systems.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

967. Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:39:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501251904354868@ectech.com>
Source record: 253099

OPP>>...amateur radio clubs in Wash DC...

From the files of the ARRL Automated Electronic Mail Server,
(info@arrl.org):

Dept Of State ARC
Jane B Dorset KG3R Trea PA/EX
Room 5819
Department Of State
Washington, DC 20520

Naval Research Lab ARC
Ruth E Phillips K3AGR Lias
Code 5541 NRL
Washington, DC 20375

Pentagon ARC
David G Boyd K9MX Editor
Box 47063
Washington, DC 20050K4AF

Capital City ARS
Chester R Martin W3EIL
1719 Franklin St NE
Washington, DC 20018

Chesapeake Bay Radio Assn
Daniel W Sessions WD4LTO
P O Box 222
Aberdeen, MD 21001

Metrovision Inc
Ruth E Phillips K3AGR Lias
2901 Accokeek Rd West
Accokeek, MD 20607

Arinc ARC
Warren R Osterloh W0FRS Secy
2551 Riva Rd Mail Stop 4-232
ARINC
Annapolis, MD 21401

Free State ARC
John S V Weiss KD3YU Sctr
P O Box 19
Annapolis Jct, MD 20701

Capitol Hill ARS
George R Stephens WB3DAC
Star Route Box 30
Avenue, MD 20609

Baltimore Radio Amateur TV So
Mayer D Zimmerman W3GXK Secy
PO Box 5915
Baltimore, MD 21208

Voice Of America ARC
Stephen W Bratcher WE5X
10508 Montrose Ave #4
Bethesda, MD 20814

Bowie High ARC
Thomas L Dove K3ORC Advisor
Bowie High School
15200 Annapolis Rd
Bowie, MD 20715

St Mary's County ARA
Peter D Butt WA3UMY Secy
P O Box 743
California, MD 20619

Southern Maryland ARC
Victor Curtis WA3YUV
P O Box 273
Cheltenham, MD 20623

Kent ARS
Cindy S Hamm KA3TLF Secy
P O Box 921
eChestertown, MD 21620

Harford AR Emergency Mgt Team
Dave Hahn N3CNJ Vprs
6 Asbury Rd
Churchville, MD 21028

University of Maryland ARA
Todd Thigpen N3FJK Vprs
P O Box 88
University Of Maryland
College Park, MD 20742

(Continued to next message)

968. Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:39:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501251904354869@ectech.com>
Source record: 253100

(Continued from previous message)

Mountain ARC
Shannon Peterson KB8JTQ Pres
P O Box 234
Cumberland, MD 21502

Potomac Area VHF Society
Paul H Rose WA3NZL Sctr
25116 Oak Dr
Damascus, MD 20872

Anne Arundel RC
Robert Israel WC3I Pres
P O Box 308
Davidsonville, MD 21035

Easton ARS
O Brook Todd K3PEN Secy
P O Box 311
Easton, MD 21601

Easton High School ARC
Parker J Durham N3ISW
Mecklenburg Ave
Easton High School
Easton, MD 21601

Frederick ARC
Norval G Kennedy N3JXC Pres
P O Box 1260
Frederick, MD 21702

Appalachian Radio Amateur Assn
Teddy A Latta N3HQT Secy
P O Box 635
Frostburg, MD 21532

Bureau Radio Amateur Signal So
James C Owen III K4CGY Pres
NIST Bldg 225/B360
Gaithersburg, MD 20899

Bay Area ARS
eLes Jamison WR3X Pres
442 Pamela Rd
Glen Burnie, MD 21061

Columbia ARA
Ken Williams N3CCI Pres
3321 Roscommon Dr
Glenelg, MD 21737

Goddard ARC
Charles E Sommer N4OSD Pres
P O Box 86
Greenbelt, MD 20768

Antietam Radio Association
Bob Long KD3JK Pres
10618 Roberts Lane
Hagerstown, MD 21740

Goretti High School ARC
Chris Moleskie KA3WVC Pres
20102 Cherry Hill Drive
Hagerstown, MD 21742

Moose ARC
Charles A Davis Sr WA3UTC
4256 Maple Grove Rd
Hampstead, MD 21074

Prince Georges Wireless
E Franklin Holton WA3ZMW
4109 Kennedy St
Hyattsville, MD 20781

Applied Physics Lab ARC
Anthony Kobylski KA3OUT Secy
Applied Physics Lab
Johns Hopkins Road
Laurel, MD 21073

Laurel ARC-MD
Jim Cross WI3N Pres
P O Box 3039
Laurel, MD 20709

Summit ARA Inc
Alan K Parker KS3L Sctr
P O Box 341
Randallstown, MD 21133

Montgomery ARC
Albert Rabassa NW2M Pres

(Continued to next message)

969. Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:39:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501251904354870@ectech.com>
Source record: 253101

(Continued from previous message)

17100 Amity Dr
Rockville, MD 20855

Montgomery Aux Comm Service
Thomas E Mindte WB3DIO Vprs
P O Box 4243
Rockville, MD 20850

Maryland Mobileers ARC Inc
Rod Mann N3KBY Pres
P O Box 935
Severn, MD 21144

Rock Creek ARA
John C Halweg N3ETD Pres
2611 Newton St
Silver Spring, MD 20902

Leisure World ARC
Robert Beck KA3IHQ Pres
3400 Gleneagles Dr #3G
Silver Spring, MD 20906

Southern Patuxent ARC
Dwayne Kincaid WD8OYG Pres
1445 Parran Rd
St Leonard, MD 20685

Potomac Valley Radio Club
Fred Laun K3ZO Editor
5801 Huntland Rd
Temple Hills, MD 20748

Baltimore Amateur Radio Club
William A Dobson III WA3ZER
P O Box 61
Timonium, MD 21094

Carroll County ARC
Wilbur Long NY3M Secy
46 Bell Rd
Westminster, MD 21158

MD Apple Dumpling Radio Amateu
Larry Ziecheck N3GKZ Pres

P O Box 2468
Wheaton, MD 20919

970. Re: NEEDED: GIFs of HAMS in Action

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:39:19 UTC
From: zcapl34@ucl.ac.uk
Message-ID: <1995Jan25.163919.60897@ucl.ac.uk>
Source record: 253159

David Raydo <DAR110@psuvm.psu.edu> writes:

>This is the 3rd time this message has been posted --
>I still have not gotten any leads I can use yet...

Maybe no-body knows :) Don't get shirty :)

Red

971. Re: Presentation / Guest Speaker(s) for Club Meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 16:45:43 UTC
From: edh@hpuerca.atl.hp.com
Message-ID: <edh.791051312@hpuerca>
Source record: 253160

In matthewg@xmission.com (Matthew George) writes:

>I was curious if anyone has been an officer of a club who has had the
>opportunity to schedule and or find presentations or speakers for
>club meetings?

>I am the lucky ham that gets this job in the club I belong to! If anyone
>has had some experience with this, or has some good ideas, please drop me
>a line.

Been there. Done that.

Ideas:

Local radio/TV stations _love_ the opportunity for public relations
trips: assuming your group is large enough; also helps if it is a
"special event" meeting (rather than normal club business meeting).
Weather-persons, especially if Storm-Track/WEather-watch/NWS etc.,
like to keep up good relationships with hams. You'd be amazed at how
many stations regularly monitor amateur weather/emergency nets.
BTW: you can even schedule engineering visits with stations.

Other clubs: great for exchange of programs, even entire meetings.
Produce a good slide-show of your most recent Big Club Doings and
present it to them and ask them to do the same for you. Also, they
can put you onto speakers they have (and haven't) liked.

Community services: sheriff's office, police department, emergency
planning group, engineering department of local colleges, etc. are
all rich sources of speakers.

Your own club members! One of our best speakers (we asked him to do
it more than once) was a local who did DXCC in what was believed to
be the shortest time ever. His simple methods of getting QSL cards
was a great topic spiced with personal anedotes. Another member was
a great designer and produced kits part-time: his display and the
discussion of the differences amoung kits and designs was always a
great draw. Another guy was with the electric company: talk about
an intimate knowledge of grounding, etc.! (BTW it goes without saying
that it is best if you know these guys and how they relate to groups:
the XYZ expert may know his material but be certain to put everyone
to sleep!)

Good luck!
Ed Humphries N5RCK
Hewlett Packard Atlanta GA
edh@hpuerca.atl.hp.com

972. Re: Presentation / Guest Speaker(s) for Club Meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 17:07:05 UTC
From: pwalker@mbi.moody.edu
Message-ID: <3g60fp$hn0@mbi.moody.edu>
Source record: 253163

Matthew George (matthewg@xmission.com) wrote:
> I was curious if anyone has been an officer of a club who has had the
> opportunity to schedule and or find presentations or speakers for
> club meetings?

> I am the lucky ham that gets this job in the club I belong to! If anyone
> has had some experience with this, or has some good ideas, please drop me
> a line.

> Thanks...

> Max George AB7GM es 73!

One of the most interesting club meetings we've had to date occured when we had the local power company come in and talk about tower grounding. Sure made a lot of people rethink their situation. Especially after one of our members took a direct strike on his antenna and he basically had to rewire his house, buy all new electronic appliances, and get all his radios fixed. It was a truly tragic tale.

We also had a military person come in and talk about radio direction finding. He had some interesting "Cold War" stories.

We had some representative from the FCC come in a couple months ago.

I'm sure there are a ton of other good ideas.

Leave me a note and we can put our heads together.

Paul Walker, N9WHG
pwalker@mbi.moody.edu
n9whg@ka9ylv.#nwin.in.usa.na (packet)

973. Re: Guineacrafters Inc. introduces new product

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 17:44:04 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Jan25.174404.13750@VFL.Paramax.COM>
Source record: 253167
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

In article <cya3.0195@guinea.com> sales@guinea.com (Guineacrafters Sales) writes:
>
>In a continuing effort to be responsive to the needs of our amateur
>radio customers, Guineacrafters, Inc., is proud to make available a
>new product to the amateur community.
>
>
> Hindenberg Hardline
>
>
>Hindenberg hardline is ideally constructed for low-loss applications
>requiring pressurized hardline. Filled with a gaseous hydrogen dialectric
>and equipped with a special aluminum center conducter designed to
>minimize lossy arcing, Hindenberg Hardline exhibits attenuation
>characteristics that blow even Andrew Heliax away. All this for just
****.....****** LITERALLY ;-)

>pennies more than Belden 9913 prices!
>
>
>Specs and pricing are as follows
>
> db loss per 100' @ Price
>Item # Diam. 145 220 440mhz per ft.*
>
>BFB-500 1/2" 0.9 1.1 1.5 0.75
>BFB-625 5/8" 0.7 0.9 1.3 0.85
>BFB-875 7/8" 0.5 0.7 1.1 1.00
>BFB-1000 1.0" 0.3 0.5 0.9 1.25
>
>*=hydrogen not included

How much does a tank of hydrogen cost these days?

>For additional information on specs or how to order, please contact
>sales@guinea.com.
>
>
>GuineaCrafters, Inc.
>Made with Italian Pride

Really?

974. Re: FT-530vsTH78a Opinions Sought

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 18:22:46 UTC
From: kino@uhunix3.uhcc.Hawaii.Edu
Message-ID: <D2z4Dy.3C3@news.hawaii.edu>
Source record: 253115

I have the 530 and the 78a. The 530 has backlit keys so you can see the numbers on the keys in dim or no light. The 78a has edge-lit keys which do not illuminate the key numbers. This makes it much harder to read. Also, the 530's keys are twice as large, making them easier to read and to press. The 530 wins hands-down in the area of keyboards.

My 78a is a year old.

975. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 18:26:41 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3g6551$25h@acme.freenet.columbus.oh.us>
Source record: 253162

<SNIP>
: There is a Technical Service Bulletin from Chrysler regarding the
: installation of transmitters in Jeeps. It specifically says NOT to fuse
: the ground lead at the battery. The service manager told me that there is
: some possibilities of blowing some electronic modules if the ground fuse
: blows and those modules would not be covered by Chrysler.

That is interesting, I own a jeep (wrangler) and my question would be
how in the world would they know, assuming you disconnect the radio wires
before taking it into the shop? And for that matter why would a blown
fuse on a direct line to a radio cause electronic modules to blow. Seems
to me if you have a fuse blow in the line to the radio there would
probably be more to worry about than the modules. I have been using
a Kenwood TM241 directly wired to battery for about 2 years on a
almost daily basis including running it at 50 watts when doing
severe weather watching and have never had a problem with the exception
of the battery acid eating the plastic case that holds the fuse.

73
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

976. Re: Anyone get a card from XF4M?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 18:46:36 UTC
From: w5kne@mcimail.com
Message-ID: <3g63da$gc3@superb.csc.ti.com>
Source record: 253174

In article <D2ys64.8uK@nntpa.cb.att.com>, <dara@physics.att.com> writes:
>During the contest weekend of Oct 30, a station signed XF4M.
> QSL info was AA6BB or JH1AJT. It's possible that neither
> is correct. Has anyone received a card?
> Shel WA2UBK dara@physics.att.com
>
>--------------
Shel: I believe the QSL manager is AA6BB. JH1AJT was mentioned
during the pre-expedition announcement, but was very quickly
changed to Via AA6BB. Jerry, AA6BB, is an excellent manager, so
if he has logs and cards he will respond very quickly.
73, Bob, W5KNE
w5kne@mcimail.com

977. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 19:25:33 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.234.000D6D66@chevron.com>
Source record: 253125
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2wxs1.Azx@world.std.com> jjmartin@world.std.com (James J Martin) writes:

>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available.

>Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
>how can they apply to any other service. Sorry, but they can't.

>Although I agree that the radio was taken illegally, Part 97 is not the
>instrument (the paragraph you cited) that allows a person to use any
>means of communications in another service.

[snip]

It certainly does apply. It applies to the use of an amateur station. If such a station is capable, under the described conditions, of communications outside the amateur sevice, those communications are permitted under the above paragraph (97.403). In addtion, a station is distress can use ANY MEANS AT ITS DISPOSAL to attract attention, make known its condition and location, and obtain assistance - refer to 97.405. In other words, if my equipment provides out the ordinary capability, I am allowed to use it when ordinary means don't work.

However, in my situation, I would likely look for a system operated by my employer before I surprised a sheriff dispatcher. But my knowledge of other commercial systems put other means "at my disposal". Still, use of my amateur equipment on petroleum or business services would subject to the conditions of 97.403/405.

The purpose of these paragraphs is to cover just such an incident as occured in southern California.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

978. Re: How to re-learn Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 19:37:57 UTC
From: mack@ncifcrf.gov
Message-ID: <D2z7vA.1Mw@ncifcrf.gov>
Source record: 253172

In article <1995Jan23.135313.9151@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <counselD2uF6v.J5q@netcom.com> counsel@netcom.com (Trung Quang NGUYEN) writes:
>>It has been a LOOOONG time since I used Morse code (at least 10 years).
>>How can I re-learn and get back to a decent level (15 to 20 WPM)? If
>>anyone has gone through this experience please share with me (and may be
>>to everyone.)
>
After doing 18wpm when I was a student, I put it away for 20yrs and had
to relearn it all again when I came here and had to pass the US exams
to get a US ham license. I got back to 14wpm in no time, but 20wpm took
about 3 months 45 mins each night.

Joe NA3T
^^^^ (there's the proof it can be done)

979. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 19:39:01 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3g69cl$747@fido.asd.sgi.com>
Source record: 253164

q@wx8l.tacom.army.mil (Sean (WX8L)) wrote:
>

> Al, current flows from negative to positive, a commonly overlooked fact.
..
> --
> Sean McCarthy q@wx8l.tacom.army.mil

Does this mean we don't need a fuse on the +ve side? ;-)

Sean, that current flow is a matter of semantics. Current flows from
+ve to -ve, *electronic* current flows from -ve to +ve. Basically ,
current flows *whenever* there is a difference of potential (voltage).
So if either +ve or -ve find a path to the ground, current will flow.
In the -ve terminal case (conventional) current will flow *from* the
ground into the -ve.

Aditya
KE6PRL

980. Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 20:04:45 UTC
From: steve@ichips.intel.com
Message-ID: <steve.791064285@ichips.intel.com>
Source record: 253108

I have a Yaesu FT-411E HT which is having a problem with the new battery pack I recently purchased. From a full charge, the radio only operates for a fairly short time (way too short) before running out of power. I'm suspecting this may be the "memory effect" Ni-Cd batteries can have, if they are not allowed to drain empty before recharging.

I seem to recall a circuit that could be built to "zap" or "condition" Ni-Cd batteries which were in this state, so that they would take a full charge once again.

If anyone has information on how this could be done, either with a commercial product or (preferably) a do-it-yourself circuit, it would be much appreciated.

thanks in advance,

Steve
N7PFJ
--
Steve Willoughby | GCS/TW d--(+) H+ s--:+ g+ p? au+ a w+ v++(-) C++$
Unix Systems Administrator | US++++$ P+++$ L+ 3++ E- N++$ W++$(---) M-- V-- po-
Intel Corporation | Y+ t+++ 5 j R+++ G++ tv b++ !D B--- e+ u++(-) h---
steve@ichips.intel.com | f+ r+++ n+ y?

981. Re: Make money - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 20:10:36 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3g6b7s$cd8@fido.asd.sgi.com>
Source record: 253173

tgold@microvst.demon.co.uk ("Anthony R. Gold") wrote:
>
> In article <3g42v7$4u6@fido.asd.sgi.com>
> aditya@corp.sgi.com "Aditya Angrish" writes:
>
> > 1. Chain letters are illegal over both internet and .....
>
> Tell us more. The U.S. code against cruelty to i.p. packets, I guess.
>
> --
>
> Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

It's got something to do with causing people undue anxiety and causing
them to spend money. It was put in place after the 'send 10 letters or
die' kind of mailings (and later e-mailings).
Sorry, I don't have the exact text at hand.

73
Aditya
KE6PRL

982. 10 meter Activity ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 20:14:36 UTC
From: Aditya Angrish <aditya@corp.sgi.com>
Message-ID: <3g6bfc$cd8@fido.asd.sgi.com>
Source record: 253165

Is there ANY 10 meter activity I can get from Santa Clara, California?

Aditya
KE6PRL.

983. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 20:41:16 UTC
From: alanb@sr.hp.com
Message-ID: <3g6d1c$dk0@canyon.sr.hp.com>
Source record: 253169

R. Wiley (rawiley@blue.weeg.uiowa.edu) wrote:
: aswNS@hamp.hampshire.edu (Albert S Woodhull) writes:

: >I have often read recommendations that mobile equipment be installed with
: >two power leads direct to the battery positive and negative terminals,
: >and that both leads be fused near the battery.

: >I have never understood the logic of the fuse in the negative lead. It
: >tends to presented as revealed truth. Can sometime justify it?

: I don't think so. The "hot" lead (positive in most modern
: vehicles) should always be fused. The "ground"lead (the
: opposite) never.

No, no! Here's the scoop:

1) If the negative lead is connected to the battery post, it must be fused.
2) If the negative lead is connected to the car chassis, don't fuse it.

The reason for 1) is that if the battery ground strap becomes
disconnected, the starter current tries to return via the radio chassis
and radio negative power supply lead. That will instantly vaporise the
supply lead, causing a fire hazard.

AL N1AL

984. Re: Guineacrafters Inc. introduces new product

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 20:44:01 UTC
From: jholly@cup.hp.com
Message-ID: <D2zAxE.MK@cup.hp.com>
Source record: 253175
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Guineacrafters Sales (sales@guinea.com) wrote:

<snip>

: Specs and pricing are as follows

: db loss per 100' @ Price
: Item # Diam. 145 220 440mhz per ft.*

: BFB-500 1/2" 0.9 1.1 1.5 0.75
: BFB-625 5/8" 0.7 0.9 1.3 0.85
: BFB-875 7/8" 0.5 0.7 1.1 1.00
: BFB-1000 1.0" 0.3 0.5 0.9 1.25

: *=hydrogen not included

you got the part numbers wrong. they are BFD-500, BFD-625, BFD-875 and
BDF-1000.

: GuineaCrafters, Inc.
: Made with Italian Pride

985. Re: Anyone get a card from XF4M?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 20:47:25 UTC
From: jholly@cup.hp.com
Message-ID: <D2zB31.ps@cup.hp.com>
Source record: 253176

Shel Darack (dara@physics.att.com) wrote:
: During the contest weekend of Oct 30, a station signed XF4M.
: QSL info was AA6BB or JH1AJT. It's possible that neither
: is correct. Has anyone received a card?
: Shel WA2UBK dara@physics.att.com

Yep, got mine. I think the route was XE1L or something like that. It
was a Mexican route since it was a Mexican operation. Check the Go-List,
CQ, or DX magazine. Or do a show/qsl XF4M on your cluster.

It might have been AA6BB, and if it is, Jerry is a FB manager.

73, Jim, WA6SDM
jholly@cup.hp.com

986. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:00:18 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <791067618snz@microvst.demon.co.uk>
Source record: 253166

In article <gbass-2501951235300001@gbass.mitre.org>
gbass@mitre.org "Jerry Bass" writes:

> There is a Technical Service Bulletin from Chrysler regarding the
> installation of transmitters in Jeeps. It specifically says NOT to fuse
> the ground lead at the battery. The service manager told me that there is
> some possibilities of blowing some electronic modules if the ground fuse
> blows and those modules would not be covered by Chrysler.

I would guess they mean not to fuse the lead from the battery to the
body of the car. I doubt they are concerned about the ground lead of
accessory equipment.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

987. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:03:23 UTC
From: furuta@cs.tamu.edu
Message-ID: <3g6ear$qi1@news.tamu.edu>
Source record: 253170

In article <790351321snz@microvst.demon.co.uk>,
Anthony R. Gold <tgold@microvst.demon.co.uk> wrote:
>In article <D2IrGK.Ito@cup.hp.com> jholly@cup.hp.com "Jim Hollenback" writes:
>
>> Jonathan Schulman (js024b@uhura.cc.rochester.edu) wrote:
>
>> : Would the DMV issue the same plates if one is
>> : a Ham plate and one is a vanity plate? The state in question in NY.
>
>> have you tried? One state did that (can't remember which). The ham in
>> question had a picture of both plates.

I think it was in PA---the picture was in QST a year or two ago. Strictly,
they weren't the same identifier. One of them had a "0" and the other had an
"O" in it. They just *looked* the same!

>You mean simultaneously valid on different cars and registered in the SAME
>state? Sounds most unlikely.

Texas permits this.

--Rick
KE3IV

988. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:34:49 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <q57HZc3w165w@voxbox.norden1.com>
Source record: 253083

```
-----BEGIN PGP SIGNED MESSAGE-----

ppiercey@random.ucs.mun.ca (Paul Piercey) writes:

> Jim Grubs, W8GRT (jgrubs@voxbox.norden1.com) wrote:
>
> : fisherb@ccsnet.com writes:
>
> : >
> : > Famous people who got bored than found out what boring was really like:
> : >
> : >
> : > N6KGB Stewart Granger (born James Stewart), actor
>
> : Recently SK.
>
> I hadn't heard this one either. His wife died but I think he's still
> above ground.

Are there any other Grangers? Ah, there's Farley, but he's a Brit.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLybET974r4kaz3mVAQGFjgQAl6PnfzAIeXA7QY9mlLA2DTnHTKsvrc+h
7FMLniiaaA5Ss1/Vgo0lvRV9UJSKTU5l6k2guNhsnFfRhOFi2ChdlPzdJ3250cqQ
6NcDnkxFIaGeZ0Z1PM36xtQ9GuWjMlFmZFyPrUlAY9xSGuwF+N+lyoupcODtr4MC
UZkrEnWTJ/I=
=0KE8
-----END PGP SIGNATURE-----
```

989. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:37:43 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <k07HZc4w165w@voxbox.norden1.com>
Source record: 253084

```
-----BEGIN PGP SIGNED MESSAGE-----

mthomas@cris.com (Martin Thomas) writes:

> >WD4SKT Donnie Osmond, entertainer
> This man is listed as Donald Osmond born in 1954.
> The entertainer was born in 1957

Donnie is a ham, but he is a 7, of course.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLybE7974r4kaz3mVAQFj2AP+KgKlaixtPrIxNUN79ywwONPlRuPaqNEd
qKbsMXAxxc25LUKNi5IU901HEA5fTjCeXnJ1I6/jwhSLOp46YdkgzcfA2I/6vFOG
ZGlxuDHcTS4dZ0X+oq+uL65XBCK6nW2+in1hVI3wKMo5GAMgikrGqamsom/tb8Gd
ZQNNYeQ+kAE=
=02k9
-----END PGP SIGNATURE-----
```

990. Re: Forbidden Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:39:28 UTC
From: landisj@nad.com
Message-ID: <1995Jan25.163928.235@nad.com>
Source record: 253168

In article <3ers7h$m58@senator-bedfellow.MIT.EDU>, drewbob@mit.edu (Andrew C Robertson) writes:
> Hans Brakob (71111.260@CompuServe.COM) wrote:
>
> : That additional list of suffixes has been mostly banned since
> : Moby Dick was a minnow, and has nothing to do with any current
> : "politically correct" environment in Washington.
>
> Yeah, and I'm surprised they haven't added THC, LSD and PCP to the list.
>
> btw, I like the AA#xx calls (though I take it I'm in the minority). AA has
> a good CW rhythm.
>
> I'm a tad biased though. 73 de Andrew, aa1hx

I kind of like mine. It's a palindrome (sp?), ignoring the spaces, of course.
Has a real nice rhythm.

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@drager.com

991. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:43:08 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <Li8HZc5w165w@voxbox.norden1.com>
Source record: 253085

```
-----BEGIN PGP SIGNED MESSAGE-----

mosier@fagan.uncg.edu (Stephen Mosier) writes:

>
> AND A FEW OTHER FAMOUS ONES HEARD ON THE AIR...
>
> RG8U

I talked to him once on 20. Name was Belden.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLybGRt74r4kaz3mVAQGxlAQAmXJzKq3eNBnSOcS/1ju9uk20nLvgEc4S
6GROoeE/DIABeTDAQ1gZKi1SUiRAhK6FJlcAaR+e3ZR0xCUbW8FC+PBa0+tIHJUy
a4tb+2MShDiVqj9aJn8rjPNUC/HXFWFEL1ntQKK9/S/d+QW592ZxcdRKee2GT9X5
d2wPTEQdo4k=
=pNUd
-----END PGP SIGNATURE-----
```

992. Re: NEEDED: GIFs of HAMS in Action

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 21:47:45 UTC
From: cro@pstc3.pstc.brown.edu
Message-ID: <3g6gu1$rjq@cat.cis.Brown.EDU>
Source record: 253171

In article <1995Jan25.163919.60897@ucl.ac.uk>, zcapl34@ucl.ac.uk (Redvers Llewellyn Davies) writes:
|> David Raydo <DAR110@psuvm.psu.edu> writes:
|>
|> >This is the 3rd time this message has been posted --
|> >I still have not gotten any leads I can use yet...
|>
|> Maybe no-body knows :) Don't get shirty :)
|>
|> Red
|>

I think the original poster would get responses if the subject were changed to be more applicable. Like:

NEEDED: GIFs of HAMS Inaction

More appropriate huh?

Average waste size must be 42"? 44"? Higher?

Christopher Ogren, NM1Z PSTC, Brown Univ.
Network Admin. Box 1916
(401) 863-7284 Providence, RI 02912

"The opinions expressed here are MY own not my employer's."

993. IPS Daily Report - 25 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 23:10:30 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan25.231030.19152@ips.oz.au>
Source record: 253177
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 25/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 25 JANUARY AND FORECAST FOR 26 JANUARY - 28 JANUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 24 Jan
Daily Proton Fluence >1 MeV: 9.4E+04
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.1E+06 (normal)
X-ray background: B1.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
26 Jan 27 Jan 28 Jan
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 26 Jan: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 24 Jan
Learmonth 4 2212 1111
Fredericksburg 8 4
Planetary 6 4

Observed Kp for 24 Jan: 1112 1121
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
26 Jan 6 Quiet
27 Jan 6 Quiet
28 Jan 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

25 Jan normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
26 Jan normal normal normal
27 Jan normal normal normal
28 Jan normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
25 Jan 37 near to 15% above predicted monthly values.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
26 Jan 30 About 10% above predicted monthly values
27 Jan 30 About 10% above predicted monthly values
28 Jan 25 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

994. HeathKit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 23:13:03 UTC
From: pshelfoo@bud.peinet.pe.ca
Message-ID: <3g6ltv$njk@bud.peinet.pe.ca>
Source record: 253096

Hi All

I'm posting this to a friend of mine who seems to be having
trouble.He is interested in finding out if there is a

Newsgroup dealing with HeathKit or something similar.Any info
greatfully appreciated.

Please E-Mail to him Charles Easter at ceaster@peinet.pe.ca

Thank you

995. HELP-Baycom & Windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-25 23:24:48 UTC
From: jdevenport@lanl.gov
Message-ID: <3g6mk0$7fv@newshost.lanl.gov>
Source record: 253047

I have tried unsuccessfully, repeatedly, to get BAYCOM 1.5 to run from
a Windows icon. The serial port interrupts seem to be the problem. It
will not decode packets and when transmitting (from Windows) the data
bursts sound slow and confused and distorted, so evidently the serial
port is being interrupted for windows refreshes which defeats successful
packet transmission and reception.
The baycom system works fine IF I first exit windows completely and run
baycom solely from DOS.
Is there a way to make it work under Windows?
Thanks, de Jim WB5AOX

996. New Zealand operation

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 00:14:25 UTC
From: pmcafee@netcom.com
Message-ID: <pmcafeeD2zKo2.3sy@netcom.com>
Source record: 253079

I am planning a trip to New Zealand next month. In the Feb. QST I note that for VHF and UHF operation my US license should be good and a New Zealand permit is not needed. Is this all there is to it. I will be going to both the North Island and the South Island, what is the repeater situation for both 2 meters and 70 cm. Will it be worthwhile bringing my HT.

Thanks,
Pete McAfee <kd6hr>
pmcafee@netcom.com

997. New Catalog Available

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 00:16:20 UTC
From: meco@bud.indirect.com
Message-ID: <D2zKr8.818@indirect.com>
Source record: 253082

ANNOUNCEMENT: New Mail Order Catalog Available

Electronic Materials and Computers, and Maryvale Engineering
Company have joined forces are are preparing to print their
first joint mail order catalog. Products from both company's
will be covered in the catalog, but orders will be processed
by EM&C.

Products include:

New and surplus computer hardware
New and surplus electronic components
New networking and computer supplies
Kits, Grab-bags, Tools, Power suppliesl
All manner of misc.

Also featured in this first catalog will be the data sheets
for both the HM2007 Voice Recognition IC, and the MC145447
Caller I.D. Receiver I.C.

TO RECEIVE A FREE COPY OF THE CATALOG.....

Email your name and address to : meco@indirect.com

John

--
+---+
| John R. Schuch, Chief Cook and Bottle Washer |
| Maryvale Engineering Company, PO Box 23786, Phoenix, AZ 85063 |
| Home Phone (602)247-6167 FAX (602)247-4451 Email meco@indirect.com |

998. Re: packet with scanner

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 00:21:18 UTC
From: rwilkins@ccnet.com
Message-ID: <3g6ptu$87b@ccnet3.ccnet.com>
Source record: 253102

James Ganyard (jdgan@symnet.net) recently wrote in <3g1q6v$qte@core.symnet.net>:

: Is there any way to copy packet with a scanner? I would like to try using
: a Bearcat100xlt and a IBM PC Convertible laptop.
: I know I'll need some packet software but is a TNC really mandatory for
: recieve only?

The TNC is a modem. You will need one to demodulate the signals heard on the radio. Multi-mode TNCs are used to demodulate the rtty, sitor, fax and other digital modes found on the short wave bands. Many short wave listeners and scanner enthusiasts use TNCs to listen in on all kinds of digital traffic. There are some software emulations but they do not offer the versitility of a good hardware TNC.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

999. sstv on a Mac?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 01:02:59 UTC
From: rlong@magnus.acs.ohio-state.edu
Message-ID: <rlong-250195200008@slip2-54.acs.ohio-state.edu>
Source record: 253089

I am familiar with the Pasokon plug-in card for the IBM-PC.
Does anyone make a device for sstv on a Mac?

Thanks.

Ron, w8gus.

1000. AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 01:09:09 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3g6snl$pmj@fido.asd.sgi.com>
Source record: 253035
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

So I recently picked up a used AR1000XLT that i found in the paper. After some stomping of feet, pulling of hair, and cursing the human factors group at AOR, i think i am finally getting the hang of the, so called "User Interface". Being a Hardware guy i couldn't resist the opportunity to take it apart and have a look. Not to many surprises really, except one, the scanner is controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made by NEC with an 8kB external ROM. So i am wondering if anyone has been successful at interfaceing to it. It sure wound be allot simpler to program those 1000 channels using my computer. Any takers?
I would also appreciate any "scanner tricks" advice from you AR1000 experts out there, like how to scan arbitrary banks, unlock a bank with out unlocking all locked channels first, jump through hoops.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1001. Re: Presentation / Guest Speaker(s) for Club Meetings

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 01:26:43 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3g6toj$cvk@cat.cis.Brown.EDU>
Source record: 253080

In article <3g1r9c$lql@xmission.xmission.com>,
Matthew George <matthewg@xmission.com> wrote:
>I was curious if anyone has been an officer of a club who has had the
>opportunity to schedule and or find presentations or speakers for
>club meetings?

Contact Ed Hare @ the league. folks at our club love him. You can
usually get him to come out if you bribe him w/ a free coffee cup.

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1002. K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 02:02:28 UTC
From: fisherb@ccsnet.com
Message-ID: <692TXITNJSPTLQGPP@ccsnet.com>
Source record: 253104

JA> Get it correct:

JA> [Written by Martin Niemoeller, the German Lutheran pastor arrested
JA> by the Gestapo and sent to Dachau concentration camp in 1938; the
JA> Allied forces freed him in 1945:]

JA> In Germany, the Nazis first came for the Communists, and I
JA> didn't speak up because I wasn't a Communist. Then they came for
JA> the Jews, and I didn't speak up because I wasn't a Jew. Then they
JA> came for the trade unionists, and I didn't speak up because I
JA> wasn't a trade unionist. Then they came for the Catholics, but I
JA> didn't speak up because I was a Protestant. Then they came for
JA> me, and by that time there was no one left to speak up for me.

JA> (Thanks to Paul for sending it to me) paul.moor@pcgfx.com

It is amazing to find some this good on ham radio.

JA>--
JA>"1935 will go down in history. For the first time, a civilized nation has
JA>full gun registration. Our streets will be safer, our police more efficient,
JA>and the world will follow our lead into the future." - Adolf Hitler

JA> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
JA> US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

 SLMR 2.1a All I need is some peace & Quiet. If I got a piece I'd be

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

1003. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 02:35:57 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3g71qe$hc5@crcnis3.unl.edu>
Source record: 253088
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

I find your (AMSOFT) reply as innappropriate, perhaps more innappropriate, than Bob's comments, and a substantial waste of "bandwidth".

Perhaps what Bob should have said is that it is contrary to Internet's policy for Internet to be used as a vehicle for commercial advertisement. That is a fact. While I can not say that the policy is a legally binding one (that is for others to say), it certainly is followed by the vast majority of commercial enterprises, and for good reason. They realize that they run the risk of alienating potential customers who may not appreciate such a blatant disregard for net etiquette and policy. Like Bob. And like me. Mind you, it is no big deal to me personally. But I don't like advertising here either, and there are plenty of alternatives to AMSOFT.

You seem to be aware of some internet policy judging from your long quoted (though not attributed) "lesson" to Bob. Perhaps you would find a more complete review of policy personally enlightening as well as commercially "prudent".

Greg Brown

1004. TS 940 serial number question

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 02:50:48 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <9501251846.aa07017@paris.ics.uci.edu>
Source record: 253097

Anyone know the history of the serial numbers on the 940's? I am about to buy a 5 million series. Is this a first run, middle run or late run radio? Anyone know?

Thanks

Clark
WA3JPG

1005. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 02:55:13 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Jan25.185513.1@vax.sonoma.edu>
Source record: 253086

In article <1995Jan24.122600.1@vax.sonoma.edu>, harrisok@vax.sonoma.edu (Ken Harrison) writes:
> In article <wb5crgIsAloser@blkbox.com>, w5robert@blkbox.com (Robert Wood) writes:
^^^^^^^^^^^^^^^^^^^^^^^^^

The more I check this out, the more I think someone has screwed around
with someones account...

I'll bet Robert isn't responsible for this.

Ken

1006. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 02:56:20 UTC
From: Steve.Hideg.1@nd.edu
Message-ID: <Steve.Hideg.1-2501952156200001@hideg.cc.nd.edu>
Source record: 253087

Isn't country singer Patty Loveless a ham, too?

Anyone know her callsign?

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing E-mail: Steve.Hideg.1@nd.edu
G034 Computing Center/Math Building Telephone: (219) 631-EXAM
University of Notre Dame Amateur Radio: N8HSC/9
Notre Dame, IN 46556

1007. Re: 10 meter Activity ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 03:08:35 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3g73nj$hf4@crcnis3.unl.edu>
Source record: 253090

Aditya Angrish (aditya@corp.sgi.com) wrote:
: Is there ANY 10 meter activity I can get from Santa Clara, California?

: Aditya
: KE6PRL.

Learning about HF propagation is a very interesting part of ham radio, and something you will grasp as your experience grows. You can start by reading as much about ham radio as you can...magazines, books, etc., even if much of it is for now "over your head". The answer to your specific question, in its short form, is:

Right now, with sun spot activity very low, you can depend on fairly local (somewhat better than line-of-sight) communications, and occassional openings to other parts of the country and overseas (DX).

In about 4-5 years, the answer is quite different. With a simple antenna and low power rig, you will be able to regularly contact hams all over the world during the daytime hours, and even into the evening. When sunspot activity is high (it is an 11 year cycle), ten meters is THE best, most enjoyable, most dependable band for world-wide communication (if you like such things). With 100 watts and a dipole, I have contacted over 100 countries within one 48 hour contest period (I am _not_ a "big-gun" contester, just "recreational").

Anyway, have fun, and don't ever give up on 10 meters!

Greg WB0RTK

1008. How to run R8 cable between floors in a split-foyer ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 03:27:47 UTC
From: n4zbb@toybox.raleigh.nc.us
Message-ID: <3g74rj$2bd@toybox.raleigh.nc.us>
Source record: 253110

Does anyone have any nifty ideas on running R8 from the attic through
a small closet through the floor to a downstairs shack, without
drilling through electric wires, etc. ??

1009. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 04:17:09 UTC
From: sassano@pcnet.com
Message-ID: <sassano-2501952317090001@pt4.nwtn.pcnet.com>
Source record: 253109

In article <3ftssn$qnf@yrkpa.kias.com>, jlamar@yrkpa.kias.com (John LaMartina) wrote:

> Jonathan Schulman (js024b@uhura.cc.rochester.edu) wrote:
> : DMV so I can't use them. Does anybody have any ideas how I can get my
> : call sign on my new car? Would the DMV issue the same plates if one is
> : a Ham plate and one is a vanity plate? The state in question in NY.
In the State of Connecticut, amateur plates are NOT vanity plates and there is NO CHARGE for the plate...jjust show the DMV person your ticket and fill out a form. The plates in Connecticut are unique from others here in that they have a "spark gap"...(looks like a small lightening bolt) between the letters.

eg: Mine is K C 1 / H (the "/" is the spark)...Does the plate that your dad have different from the one you have in the above example? If it is, then maybe the DMV will make the change.

Felix Sassano, M.D. (KC1H)

-73-

1010. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 05:01:33 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D2zxyL.295@zeno.fit.edu>
Source record: 253107

>| i would vote for purging the SKs into their own list.
>
>Mmmm... No disrespect, but why?

just to not have them be listed as viable -- and if vanity calls come
into play - some of the old calls will be going back into service..

73
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1011. Re: Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 05:07:49 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D2zy91.2F0@zeno.fit.edu>
Source record: 253091

In article <83950124045738.0007186758PJ4EM@MCIMAIL.COM>,
Frank C. Morris <0007186758@mcimail.COM> wrote:
>Shack. This is the second time we have tried to put a flyer in their
>storefront window and they have said NO!

they'd tell me no as well...but they will keep a stock of area info
on hand and distribute to those who ask and if they realize this is
what someone was looking for.

did you do a seriously professional job? that seems to have a bearing on
permission to post in places that do that sort of thing.

>Also I would like to know if anyone else has any super ideas as to how to
>promote a ham class before it starts. We have about two weeks to promote
>the class before it starts.

PSAs to local media. copies of New world of amateur radio into the indies
for possible use (hard to do in this day of infomercials). Talk it up on
the repeaters...
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1012. Re: Q:2M mobile that is also a repeater?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 05:33:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3g7c6c$6l6@yrkpa.kias.com>
Source record: 253051
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Ron Atkinson (ron@chaos.eng.wayne.edu) wrote:
: Harry Salvini (hgs@wdl1.wdl.loral.com) wrote:
: : I'm getting ready to purchase a couple of 2 Meter radios for use
: : in the two family cars (my wife and I are both Tech+'ers), and
: : Radio Transmit Receive
: : HT 145.235 145.835
: : Mobile 145.635 145.235
: : Repeater 145.835 145.635
: Probably will have to go dual-band on this one.
: be a repeater. Repeater operation from 145.5-146.0 is illegal
: (97.205 (b)) and yes, the FCC does actual go after people that

Another thing to keep in mind, 145.800 - 146.000 is reserved for satellite
operation. You'll get jumped on quickly for that one.

Also, if the separation between your transmit and receive frequency is only
400 Khz apart, you're tramsmitter will totally desence your receiver.
Even your best duplexers are good for 600 Khz and thats gonna fill your
trunk and cost around a grand.

Good luck ! John k3nxu

1013. IOTA number for Roi Namur Island

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 05:36:50 UTC
From: f5jtl@unm.edu
Message-ID: <3g7cdi$3ahp@auriga.unm.edu>
Source record: 253093

WF5T (QSL manager for V73GT) is wondering whether Roi Namur Island has the same IOTA number as Kwajalein Isl. V73GT has gone there but had no clue about the IOTA info...

Can someone help him out there?

Thanks

Please reply to my email address

Laurent F5JTL/WX3W

/// /// ///
(. .) (. .) (. .)
+oOO-(_)-OOo--------------------oOO-(_)-OOo--------------------oOO-(_)-OOo+
| Laurent D. Thomin Email: F5JTL@UNM.EDU |
| Department of Linguistics Ham Radio Callsigns: F5JTL ** WX3W/5 |
| University of New Mexico |
| |
| WEB Home Page: http://www.unm.edu/~f5jtl/wx3w.html |
| |
| "We never find out the strength of the evil impulse inside us until we |
| try to fight it" |
| C.S. Lewis |
+---+

1014. Re: Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 05:38:04 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3g7cfs$6od@yrkpa.kias.com>
Source record: 253094

opp@netcom.com wrote:
: Can anyone e-mail me a list of amateur radio clubs in the Wash DC-Md.
: suburbs that have repeaters and phone patches. I'm interested in joining
: one, hopefully in the bethesda-chevy-chase, northwest wash area. thanks.
: --
: opp@netcom.com
There's a bunch of 'em in the MD DC VA area.
Simplest suggestion, ARRL repeater directory.

John k3nxu

1015. Ten Tec Scout info?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 06:52:18 UTC
From: ka3vme@cybernetics.net
Message-ID: <3g7gr2$r0d@jabba.cybernetics.net>
Source record: 253120

Can the Scout me modified (user or factory) to Tx outside the ham bands? Would like to use it portable during CAP field training?

Ray
ka3vme@cybernetics.net

1016. Uniden Bearcat 800XLT Scanner for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 06:56:15 UTC
From: gblhotel@ix.netcom.com
Message-ID: <3g7h2f$m5v@ixnews2.ix.netcom.com>
Source record: 253039

I have a brand new, still in box scanner for sale. The Uniden Bearcat 800XLT base station was the last model manufactured that receive the 800 mhz band (Cellular PhoneS), before the FCC restrictions were in place.

The Bearcat 800XLT features:
* 40 channels
* 12-Band Coverage
* Crystalless
* Direct Channel Access
* Channel Lockout
* Simple Programming
* Manual Step-search
* AC/DC
* Steel Cabinet
* Two Antennas

This device is still in the box, and was used only once.

Paid $225 -- Sell $125 inc. postage

Interested parties should send an e-mail message to:

gblhotel@ix.netcom.com

Please include your phone number and the best time to call.

1017. Re: Kobe earthquake - any ham response?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 07:37:05 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.47.001D92A3@dlep1.itg.ti.com>
Source record: 253081
Cross-posted to: rec.radio.amateur.misc,aus.radio

In article <3g5i38$p7r@godzilla.zeta.org.au> richardm@zeta.org.au (Richard Murnane) writes:
>From: richardm@zeta.org.au (Richard Murnane)
>Subject: Kobe earthquake - any ham response?
>Date: 26 Jan 1995 00:01:28 +1100

>Hi all,

>Does anyone know if Amateurs in Japan have been active in relief work
>following the earthquake at Kobe?

>73 Richard VK2SKY

Hi Richard. According to the ARRL Bulletin 6 ARLB006 I rcvd yesterday (QST by W1AW) hams in Japan are are providing communication services in the Kobe disaster (I think there are about 200 amateurs).

Furthermore, JA3YRL in Kobe is the communications' coordinator and JA3RL monitors their activities.

Best regards.

1018. DXCC list

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 08:34:45 UTC
From: martin@loria.fr
Message-ID: <martin.13.2F275EA5@loria.fr>
Source record: 253106

Hi,

Where could I find a FTP site with the last updated DXCC list ?

E-mail your answers, pse.

F6DDW

1019. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 09:04:21 UTC
From: pacholczyk gregory <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950126035836.11774C-100000-100000-100000@umbc8.umbc.edu>
Source record: 253113
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

On 26 Jan 1995, Erik Wahlstrom wrote:

> So I recently picked up a used AR1000XLT that i found in the paper. After some
> stomping of feet, pulling of hair, and cursing the human factors group at AOR,
> i think i am finally getting the hang of the, so called "User Interface".
> Being a Hardware guy i couldn't resist the opportunity to take it apart
> and have a look. Not to many surprises really, except one, the scanner is
> controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
> by NEC with an 8kB external ROM. So i am wondering if anyone has been
> successful at interfaceing to it. It sure wound be allot simpler to program
> those 1000 channels using my computer. Any takers?
> I would also appreciate any "scanner tricks" advice from you AR1000
> experts out there, like how to scan arbitrary banks, unlock a bank with out
> unlocking all locked channels first, jump through hoops.
>
> Cheers Erik Wahlstrom
> ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
> PH. 415 390 3135 Fax 415 967 8496
>
> This message contains my opinions which are in no way those of my employer.
>
>
>
Try the Electronics Equipment Bank in Vienna VA. a book called The Guide
To The AR1000. i'ts a comprehensive 100 page manual that'l tell you
everything you want to know (and some things you don't) about the AR1000.
Cost is about $15 pluss shipping.
-G

1020. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 09:12:26 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Jan26.011226.1@vax.sonoma.edu>
Source record: 253114

In article <1995Jan25.185513.1@vax.sonoma.edu>, harrisok@vax.sonoma.edu (Ken Harrison) writes:
> In article <1995Jan24.122600.1@vax.sonoma.edu>, harrisok@vax.sonoma.edu (Ken Harrison) writes:
>> In article <wb5crgIsAloser@blkbox.com>, w5robert@blkbox.com (Robert Wood) writes:
> ^^^^^^^^^^^^^^^^^^^^^^^^
>
> The more I check this out, the more I think someone has screwed around
> with someones account...
>
> I'll bet Robert isn't responsible for this.

I've talked with Robert about this now and he wanted me to let everyone know
that he DID NOT post the original.

Apparently some Net Lid is at work out there and it isn't Robert.

73,
Ken

1021. Usefulness of Kenwood scope?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 12:07:18 UTC
From: penneys@brahms.udel.edu
Message-ID: <3g839m$qop@brahms.udel.edu>
Source record: 253111
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I just acquired a TS-950SD with the SM-230 monitor. I have debate as to whether to keep or sell the scope.

I don't do much HF phone or digital modes, although that could change. Mostly, CW, contesting. Monitoring rx and tuning the amp seem the most likely functions.

Have you used one of these? What's your viewpoint? There are these couple of guys who want to buy it and I'm looking for reasons to keep it or not.

Thanks.....Bob

--
Bob Penneys, WN3K Frankford Radio Club N.E.R.D.S.
Internet: penneys@brahms.udel.edu Work: Ham Radio Outlet, Delaware

1022. Re: "Subcarrier" Radio Anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 12:39:11 UTC
From: bigsteve@dorsai.org
Message-ID: <lVv9lGG8yPd8078yn@dorsai.org>
Source record: 253112
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

In article <D2vpMC.4qp@nntpa.cb.att.com>,
ernie@hoqst1.ho.att.com (-ANGLADE ERNIE) wrote:
>
> I would appreciate any lead on what is known (at least in some
> circles) as "subcarrier radio." My limited understanding is this is
> a FM type broadcast which requires a modified FM receiver to
> receive. In other words, the standard AM/FM radio set would not be able
> to process the "subcarrier" signal. Hence the broadcasters typically
> sells these receivers to their listening audiences. This is
> typically done in non-English speaking ethnic communities, because I
> imagine it's much cheaper to set up these operations than with a
> traditional AM or FM radio station.

Subcarrier services, what is knows as SCS, is an enigma. Under the ECPA it is illegal to listen to them unless you are authorized to receive them, i.e., a paying subscriber to the service. However, these subcarriers are used for different purposes, and the companies that buy these ultrasonic carriers that are provided over regular FM broadcasts channels have different outlooks depenindg on the service type they are.

In the infancy of FM broadcasting, stations were going broke every day. This included the FM simulcating outlets of many successful AM statons who couldn't afford to pay the extra electric bill and could not get their advertiser to pay extra for the FM coverage.

FM stations were given SCA, (subcarrier authorization), as a way of earning money that would keep them solvent. Originally SCA was used for the purpose of providing background, (elevator), music to stores and businesses. Some of the stations provided it themselves, but mostly the SCA's were rented by companies like Muzak. Later the idea of private specialty networks came along with the long departed Physicans Radio Network and Dow Jones Radio. Data services have come in most recently. These are primarily news and stock information broadcast that are encoded and are used for businesses. Some of them are teletext, while some are just straight data.

The use of SCA's for foreign language programming came in around 1970, and not too much later came the radio readers, the service intended for the blind but also for shutins who cant go out and buy a newspaper or magazine. These two types of services throw the monkey wrench into the gears. Up to their arrival, the services were purely sold by suscriptions. Pay the provider and you get a fixed frequency receiver, stop paying and they come to take it away.

Foreign language services operate commercially, and for the most part, sell the receivers for a one time charge. To cut the costs, some had encouraged people to make their own modified radios, this means that the radio is not a fixed frequency type and can tune in any other station's subcarrier. There was a court action in the early 1960's where a subscription service sued someone for building and selling tunable SCA receivers. The court ruled that you could build a receiver for your own use or, for a reasonable charge, for someone else, but you couldn't go into business selling completed receivers to anyone else. This is how the foreign language services got away with it.

This allowance was really kept secret, but when the foreign language services and kit suppliers went public with it, of course the subscription services were upset, especially the backgound music and voice services. Although the ECPA now makes this practice illegal, there are still many tuneable receivers out there, and the owners are still authorized to listen to service they originally built the receiver for.

Services for the blind usually give away the receiver to the handicapped, and the manufacture and distribution is usually paid for by the government. In the US it's the Department of Health, Education and Welfare. Since DHEW is footing the bill, they also allow people to modify their own receivers to receive those services, it saves them taxpayers' money. This by a regulation that predates the ECPA.

Subcarriers are also used for internal purposes from the station itself, and monitoring these are defined illegal by the ECPA. These uses include; backup STL for the AM sister station, transmitter monitoring telemetry, and undelayed studio/cue feed to remotes/reporters in the field.

On the technical side, the FCC has standardized only one subcarrier, and that is the 38kHz, DSB, FM Stereo system and the associated 19kHz pilot signal. At the same time it tried to set the standard for the SCA to 67kHz, but some stations use 64kHz. With the exception of FM Stereo, all subcarriers are phase modulated so that they are of a constant level. This is so they're amplitude can be controlled so the station meets the requrements that prevent them from overmodulating.

The first subcarrier was at 41kHz, it allowed for 15kHz audio, but since it is an ultrasonic, it is effected by noise and multipath more than the main channel. Although used in experemental stereo transmissions for the right channel, it provided inferior audio due to it's limitations. This carrier cannot be used if the station operates in stereo, and is practically non existant today. When modulation limits were expanded to +/- 100kHz deviation, a second subcarrier was authorized. This is either 95 or 92Khz depending on the audio quality required to be transmitted.

In recent years, a system of traffic bulletin warnings has been incorporated on subcarriers between 58 and 62kHz. When a station in a particular area is about to air a traffic report, a Blaupunkt car radio with this built in feature will switch to that station. Pulse modulated tones are sent over one or more of these subcarriers to trigger the system.

I do not know how this system works, but the service is being expanded into weather bulletins and news as well and other manufacturers are making the radios.

--
< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< Internet: bigsteve@dorsai.org ==== S.COLETTI2@genie.geis.com >
< Fidonet: 1:278/307 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
* Tagline * Gravity: it's not just a good idea, it's the LAW!
~~~~~~

1023. Anybody have the latest FCC callsign list?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 13:13:25 UTC
From: drumhell@claudette.nrl.navy.mil
Message-ID: <3g875l$rdf@ra.nrl.navy.mil>
Source record: 253118

The subject line says it all.

Can you (meaning anybody) e-mail me the latest list, please?

-Dave
--
David Drumheller, KA3QBQ phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

1024. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 13:31:59 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan26.133159.5317@ke4zv.atl.ga.us>
Source record: 253116

In article <3g4e9i$17a@VTC.TACOM.Army.Mil> q@wx8l.tacom.army.mil (Sean (WX8L)) writes:
>Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
>: I have often read recommendations that mobile equipment be installed with
>: two power leads direct to the battery positive and negative terminals,
>: and that both leads be fused near the battery.
>
>: I have never understood the logic of the fuse in the negative lead. It
>: tends to presented as revealed truth. Can sometime justify it?
>
>Al, current flows from negative to positive, a commonly overlooked fact.
>fusing the B+ lead protects the lead from shorting to the chassis and
>starting a fire. The fused ground lead protects the equipment.

Ah, no. Current flows in a loop, Kirchoff's law, or as an old electrician
put it, "it takes two wires to make a light". The direction of flow doesn't
matter as far as fusing is concerned. The fuse can be anywhere in the loop
to protect against overcurrents in the loop.

The reason for the fuse in the ground lead is so that if the strap connection
from the battery to the frame fails (and this happens fairly often due to
corrosion), vehicle power won't flow *through* your radio from the RF ground
connection back to the battery. A starter draws better than 200 amps, your
radio would be toast. IE, in this case, it's the *second* loop that you're
fusing, the *unintentional* loop of vehicle systems returning to the battery
via your radio and it's antenna connection.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1025. Re: Finally an opportunit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 13:32:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.4917.545@acenet.com>
Source record: 253041

Newsgroups: rec.radio.amateur.misc

chipa@eskimo.com writes:

CA>K1MAN is an ego-maniac and should be run off the bands, but all the
CA>specious arguments in this thread miss the point. It is simply that
CA>his "broadcasts" go beyond Webster's definition of "bulletin" and
CA>FCC regulations regarding amateur-related content. All other aspects
CA>of this sickness are legal, if nauseating.

CA>Complain like hell to the FCC, but _do not_ bother federal legislators.

Knock it off Chip. A lot of people appreciate K1MAN. There is only
a small minority of you grumblers out there that apparently have
nothing better to do.

• SLMR 2.1a • And tonight's forecast: DARK!

1026. Vienna, VA Winterfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 13:32:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.4918.545@acenet.com>
Source record: 253042

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

KK>The Vienna, VA Vienna Wireless Society's Winterfest
KK>will be held February 26. Doors open at 0800.

Great Kerry, but WHERE is it held? Does it cost anything to get in?
Thanks & hope to see you there. 73 de AF4K

brian.carling@acenet.com

 SLMR 2.1a And tonight's forecast: DARK!

1027. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 14:06:00 UTC
From: john.duke@rodent.raider.net
Message-ID: <1e5.7962.2725@rodent.raider.net>
Source record: 253117

SD&#65533;Patty Loveless
&#65533;Call-Sign: KD4WUJ Class: NOVICE
&#65533;Real Name: PATTY L RAMEY Birthday: JAN 4, 1957
&#65533;Mailing Address: POB 624, DALLAS, GA 30132
&#65533;Valid From: FEB 9, 1993 To: FEB 9, 2003

She needs to file a 610... I think she lives here now..

John Duke
KE4TQP
Nashville Tn.
john.duke@rodent.raider.net

* 1st 2.00b #2317bt *

1028. Re: New Zealand operation

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 14:24:53 UTC
From: jim dixon <dixon@vt.edu>
Message-ID: <3g8bbl$6m@solaris.cc.vt.edu>
Source record: 253119

pmcafee@netcom.com (Peter McAfee) wrote:
>
> I am planning a trip to New Zealand next month. In the Feb. QST I note
> that for VHF and UHF operation my US license should be good and a New
> Zealand permit is not needed. Is this all there is to it. I will be going
> to both the North Island and the South Island, what is the repeater
> situation for both 2 meters and 70 cm. Will it be worthwhile bringing my HT.
>
> Thanks,
> Pete McAfee <kd6hr>
> pmcafee@netcom.com

I was in New Zealand two years ago. I took my HT and
found it was worthwhile. I was riding my bike so every pound
counted and it was worth the weight. Before I arrived I
contacted their equivolent of the FCC and arranged to get
a recipocal licensing permit. I just used my call/ZL1 and that
was that. If you have a little time before contact the ARRL re
how to do it. The Kiwis will tell you to pick up the permit
when you get i the country. Their office I went to in
Aukland was on a main stree so it would be easy to find.

If you need more info....dixon@vt.edu

jim

1029. ARRL HandBook

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 14:39:54 UTC
From: pferreir@mat.mat.uc.pt
Message-ID: <3g8c7r$2qs@gnu.mat.uc.pt>
Source record: 253029

Hi, everyone !!

I'm Paulo, from Portugal!!

I intend to be an ham and, most of all, I
intend to build my own equipment. To achieve
this, I only need some bibliography, like
some ARRL HandBooks, specially on antennas
and about Amateur Radio. If someone could
help me, by telling me where I can find
those books or if you can send me a copy
of these books I would be very gratefull..

Thanks for everything and I hope to ear
from you soon

Paulo Ferreira

--
----
* *
* Paulo Jorge Gomes Ferreira *
* CCG - Computer Graphics Center *
* Coimbra - Portugal *
* *
* e-mail : pferreir@ccg.uc.pt *
* *

1030. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:34:07 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Jan26.103407.1@miavx3>
Source record: 253121

In article <3g4e9i$17a@VTC.TACOM.Army.Mil>, q@wx8l.tacom.army.mil (Sean (WX8L)) writes:
> Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
> : I have often read recommendations that mobile equipment be installed with
> : two power leads direct to the battery positive and negative terminals,
> : and that both leads be fused near the battery.
>
> : I have never understood the logic of the fuse in the negative lead. It
> : tends to presented as revealed truth. Can sometime justify it?
>
> Al, current flows from negative to positive, a commonly overlooked fact.
> fusing the B+ lead protects the lead from shorting to the chassis and
> starting a fire. The fused ground lead protects the equipment.
>
> : 73, Al N1AW
>
> --
> Sean McCarthy q@wx8l.tacom.army.mil

I, too, fail to see how the negative lead fuse, in a negative-ground
vehicle is of any use. It certainly doesn't protect equipment inasmuch
as it is bypassed by the metallic car body, coax shield, and mounting
screws.

Followup?

73 >< Carl

1031. BP Filter Manufacturer

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:38:06 UTC
From: bdy5049@tntech.edu
Message-ID: <1995Jan26.093806.7370@atlas.tntech.edu>
Source record: 253032

Can anyone point me in the direction of a good filter manufacturer?
Specifically, I'm looking for bandpass filters for use at a center
frequency of about 40 MHz or above. Please email me any responses.

Bryan, KD4IIC

Bryan D. Young, KD4IIC AT&T Net: (615)372-4699
TTU Box 9312 Internet: bdy5049@tntech.edu
Cookeville, TN 38505 Packet: kd4iic@wa4uce.#midtn.tn.usa
EE Graduatiing May 6, 1995 DWMCC Helpdesk Expert

1032. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:41:14 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Jan26.104114.1@miavx3>
Source record: 253031

In article <1995Jan26.133159.5317@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> In article <3g4e9i$17a@VTC.TACOM.Army.Mil> q@wx8l.tacom.army.mil (Sean (WX8L)) writes:
>>Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
>>: I have often read recommendations that mobile equipment be installed with
>>: two power leads direct to the battery positive and negative terminals,
>>: and that both leads be fused near the battery.
>>
>>: I have never understood the logic of the fuse in the negative lead. It
>>: tends to presented as revealed truth. Can sometime justify it?
>>
>>Al, current flows from negative to positive, a commonly overlooked fact.
>>fusing the B+ lead protects the lead from shorting to the chassis and
>>starting a fire. The fused ground lead protects the equipment.
>
> Ah, no. Current flows in a loop, Kirchoff's law, or as an old electrician
> put it, "it takes two wires to make a light". The direction of flow doesn't
> matter as far as fusing is concerned. The fuse can be anywhere in the loop
> to protect against overcurrents in the loop.
>
> The reason for the fuse in the ground lead is so that if the strap connection
> from the battery to the frame fails (and this happens fairly often due to
> corrosion), vehicle power won't flow *through* your radio from the RF ground
> connection back to the battery. A starter draws better than 200 amps, your
> radio would be toast. IE, in this case, it's the *second* loop that you're
> fusing, the *unintentional* loop of vehicle systems returning to the battery
> via your radio and it's antenna connection.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

Gary, I'm usually in agreement with your statements, but I've a problem with this one.

Presuming the ground strap to be broken (I've NEVER had one break in 40+ years of using cars), how could you get 200A to flow thru the #16 or #14 wire commonly used in a radio hookup?

Even if it did, why could it "toast" the radio if the radio case and coax shield are both connected to ground?

EH?

73 >< Carl
K8NHE

1033. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:41:31 UTC
From: bdy5049@tntech.edu
Message-ID: <1995Jan26.094131.7372@atlas.tntech.edu>
Source record: 253033

> Jonathan Schulman (js024b@uhura.cc.rochester.edu) wrote:
> : I received my tech license in 1990 and promptly got my driving license. The
> : car I was driving was under my father's name so I was not able to get Ham
> : Plates. However, we got them as vanity plates (had to pay more than for
> : ham plates). Now I have my own car (under my own name), however my call
> : sign is on another car. My father refuses to turn in those plates to the
> : DMV so I can't use them. Does anybody have any ideas how I can get my
> : call sign on my new car? Would the DMV issue the same plates if one is
> : a Ham plate and one is a vanity plate? The state in question in NY.

In Tennessee you could get say KD4IIC-2,-3, etc.

Actually, if my father ever did that to me, I'd kick his butt.

1034. Re: DXCC list

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:45:15 UTC
From: jholly@cup.hp.com
Message-ID: <D30rrG.BAv@cup.hp.com>
Source record: 253050

Christian Martin (martin@loria.fr) wrote:
: Hi,

: Where could I find a FTP site with the last updated DXCC list ?

: E-mail your answers, pse.

: F6DDW

try ftp.cs.buffalo.edu (as pub/ham-radio/dxcc-k2di)

Jim, WA6SDM
jholly@cup.hp.com

1035. ARLB008 Board meeting news

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:57:16 UTC
From: w1aw@arrl.org
Message-ID: <$arlb008.1995@ampr.org>
Source record: 253122
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB008
ARLB008 Board meeting news

ZCZC AG74
QST de W1AW
ARRL Bulletin 8 ARLB008
From ARRL Headquarters
Newington CT January 26, 1995
To all radio amateurs

SB QST ARL ARLB008
ARLB008 Board meeting news

The ARRL Board of Directors met in San Antonio, Texas, January 20 and 21, 1995. Here are the highlights.

The Board adopted a Strategic Long Range Plan that has been in preparation since May 1994, and instructed President George Wilson, W4OYI, to begin implementation. President Wilson appointed three new committees to coordinate the most critical aspects of plan implementation.

A package of legislative goals was adopted, including positions on special call sign and licensing fees, spectrum allocations, liability protection for volunteers, RF susceptibility of consumer equipment, better rules enforcement, and commercial competition for spectrum.

A fund raising effort in support of the AMSAT Phase 3D satellite project was approved, including a 150,000 dollar matching fund program.

An operational plan and budget for 1995 and 1996 was approved. ARRL dues were raised by one dollar per year effective April 1, 1995.

Repeater coordinators will be invited to an open meeting to discuss ways of strengthening FCC support of local and regional coordinators, and related issues.

A draft petition for greater flexibility in spread spectrum operation was revised to limit such operation to bands above 420 MHz, and the General Counsel was instructed to file the petition with FCC.

The ARRL will file comments supporting participation by radio amateurs in state and local emergency communications operating plans

under the new Emergency Alerting System that will replace the Emergency Broadcast System.

The final report of the Ad Hoc 219 MHz Committee was adopted, in preparation for an expected announcement of an amateur allocation in this band.

The Hiram Percy Maxim Birthday Celebration that was so popular in September 1994 was made an annual event.

Directors Harrison, Kanode, Mendelsohn, and Quiat were elected to one year terms on the ARRL Executive Committee.

Helen Grauer, N0BCI, and Directors Metzger and Butler were elected to three year terms as Directors of the ARRL Foundation.

Studies were ordered of ways to oppose restrictive covenants that limit amateur operation, and to increase FCC enforcement of its amateur rules.

The complete minutes of the meeting will appear in March QST.
NNNN
/EX

1036. Re: Guineacrafters Inc. introduces new product

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 15:59:50 UTC
From: lgreco@westnet.westnet.com
Message-ID: <3g8gtm$6t5@westnet.westnet.com>
Source record: 253123
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Guineacrafters Sales (sales@guinea.com) wrote:

: In a continuing effort to be responsive to the needs of our amateur
: radio customers, Guineacrafters, Inc., is proud to make available a
: new product to the amateur community.

: Hindenberg Hardline

: Hindenberg hardline is ideally constructed for low-loss applications
: requiring pressurized hardline. Filled with a gaseous hydrogen dialectric
: and equipped with a special aluminum center conducter designed to
: minimize lossy arcing, Hindenberg Hardline exhibits attenuation
: characteristics that blow even Andrew Heliax away. All this for just
: pennies more than Belden 9913 prices!

: Specs and pricing are as follows

: db loss per 100' @ Price
: Item # Diam. 145 220 440mhz per ft.*

: BFB-500 1/2" 0.9 1.1 1.5 0.75
: BFB-625 5/8" 0.7 0.9 1.3 0.85
: BFB-875 7/8" 0.5 0.7 1.1 1.00
: BFB-1000 1.0" 0.3 0.5 0.9 1.25

: *=hydrogen not included

: For orders of lengths greater than 250', a 5% discount applies.
: For orders of lengths greater than 1000', a 10% discount applies.

: For additional information on specs or how to order, please contact
: sales@guinea.com.

: GuineaCrafters, Inc.
: Made with Italian Pride

And it's not even April 1st!!!!!!

Luigi...A proud Italian prosciutto radio opeator..N2CWV

1037. Re: Ni-Cd

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 16:07:02 UTC
From: Dave Bushong <dbushong@wang.com>
Message-ID: <D30srs.LKp@wang.com>
Source record: 253124

steve@ichips.intel.com (Steve Willoughby) wrote:
>
> I have a Yaesu FT-411E HT which is having a problem with the new battery
> pack I recently purchased. From a full charge, the radio only operates
> for a fairly short time (way too short) before running out of power.
> I'm suspecting this may be the "memory effect" Ni-Cd batteries can have,
> if they are not allowed to drain empty before recharging.
>
> I seem to recall a circuit that could be built to "zap" or "condition"
> Ni-Cd batteries which were in this state, so that they would take a
> full charge once again.
>
> If anyone has information on how this could be done, either with a
> commercial product or (preferably) a do-it-yourself circuit, it would
> be much appreciated.
>

Steve,

The effect that you describe is probably due to a dead or otherwise
bad cell in the battery pack. One way to tell is to fully charge it
and then measure the voltage it presents. My bet is that it's about
1.2 volts lower than what the label says.

I won't get into the "memory effect" fallacy here, but if such a thing
really existed, you wouldn't see it on a new battery pack.

If all else fails, take a 10 amp fuse, clip some leads to it,
and place it across the battery pack output. It will blow the fuse,
and for a moment, high current will flow through all the cells.
This might fix the problem, but it might not. Just to be safe,
wear eye protection.

If it's new, is it under warranty? I hope so. Those babies aren't
cheap, are they?!

Regards, 73,
Dave, KZ1O

1038. HELP!, Please w/Tuning Dual-Band Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 16:24:27 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Jan26.102427.83731@kuhub.cc.ukans.edu>
Source record: 253036
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm having trouble getting the SWR down on a Comet B20-NMO, dual band,
mobile antenna.

*
| < ='s adjusting point As depicted by my crude sketch,
| the bottom section is adjustable
#< in the base. The center loading
#< enclosed coil coil can be adjusted up/down on
| the bottom section and the tip
| is adjustable.
^<
When I get it tuned on VHF the SWR's high on UHF
and vice versa. What I am looking for is some direction
===== on the order of adjustments to perform and the sequence
of frequency bands to tune.

I'm having a similar problem with a Comet B10-NMO which is as above
minus the center, enclosed coil. It is a short antenna with a
spring/coil whip adjustable only in the base. I've thought about
stretching or compressing the coil but would appreciate some comments
from experience.

Please let me know if you've solved a similar problem with
replies to:

Dick Harper
dharper@kumc.wpo.ukans.edu

Thanks, de N0USP

1039. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 17:38:13 UTC
From: lstolz@freenet.columbus.oh.us
Message-ID: <3g8mm5$fm@acme.freenet.columbus.oh.us>
Source record: 253028

Did anyone remember J1MMY Jimmy Carter?
How about 5Y3GT and 5U4GB and 5U4GA?

More ridiculus is V0MIT!
--
Lynn Stolz N8AJ --lstolz@freenet.columbus.oh.us

1040. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 17:52:06 UTC
From: levine@mc.com
Message-ID: <3g8ng6$eh7@jericho.mc.com>
Source record: 253127

In article 2301951026410001@cadams.ssc.gov, chuck_adams@qmail.ssc.gov (Chuck Adams) writes:
-->I heard from a ham friend that Bernard Goetz (the guy that attacked the
-->group of thugs on a New York subway because they tried to rob him) is/was
-->a ham. I haven't checked on this myself, however.
-->
-->--
--> Chuck Adams, WB5WRR (The Chuckster)

No Goetz in NY named Bernard with a current license according to the latest Buckmaster CDROM.

Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
World Wide Web http://www.raddev.com/biz/raddev/
---
reply for Radio Devices to bob@raddev.com please. tnx

1041. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 18:08:49 UTC
From: jreese@neosoft.com
Message-ID: <3g8hle$gg1@uuneo.neosoft.com>
Source record: 253126

In article <1995Jan24.202311.9092@grian.cps.altadena.ca.us>,
morris@grian.cps.altadena.ca.us says...

>I ID the links at 1064hz, at about 2 to 3khz dev. Why 1064 hz? Its'
>the log center of the gap between the low and high group of touchtone
>frequencies and therefore will have minimal impact on downstream
>touchtone decoders (Thanks to Allan WA6AWD for the tip).

This is very important in linked systems where the audio will flow through
several filters before hitting the touch-tone decoders.

>the AMI S3526B
>filter chip works very well (feed it a crystal freq - one crystal can
>feed all the filter chips).

I'd be glad to provide a circuit for this if anyone would like it. Just
send me an E-mail. It's also in the AMI data book. The S3526B will also
generate the necessry tone frequency for the ID at the same time as
providing the notch. If you use a color burst crystal, you get 2600 Hz.

1042. Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 18:32:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <6e.10357.332@cencore.com>
Source record: 253048

References: <chuck_adams-2301951026410001@cadams.ssc.gov>

CA> I heard from a ham friend that Bernard Goetz (the guy that attacked
CA> the group of thugs on a New York subway because they tried to rob
CA> him) is/was a ham. I haven't checked on this myself, however.

If he was, he is not now. No record of that name.

I find you, though. ;-)
Birthday 06/20/55
Advanced License, expires 08/17/2004

How about that?
* RM 1.3 02583 * ALZHEIMER.COM found . . . Out of . . . something . . .

1043. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 19:04:45 UTC
From: donald@srd.bt.co.uk
Message-ID: <3g8rod$f08@pheidippides.axion.bt.co.uk>
Source record: 253056
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Brian.Kelk@cl.cam.ac.uk wrote:

<deleted>

I'd like the one where the words are spelt with the correct letter but
are pronounced completely differently, e.g.

Bdellium
Honour
Knight
Jojoba
Mnemonic
Psychology
Qi
Wreck
Yttrium
Zeitgeist

--
Le Hibou (mo bheachd fhe/in:my own opinion) Email: donald@info.bt.co.uk

"England's not a bad country ... it's just a mean, cold, ugly, divided,
tired, clapped out, post-imperial, post-industrial slag-heap covered in
polystyrene hamburger cartons." -- Margaret Drabble.

1044. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 19:29:40 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <3g8t74$a48@mark.ucdavis.edu>
Source record: 253030
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

i got a copy of a newsletter detailing how one person hooked up a computer interface to an AR1000XLT and some simple code he used to control the scanner... (the newsletter i got from m. alexander who also frequents this site...)

also the book on using the ar1000xlt by bernstein(?) is very helpful...

1045. Baltimore MD

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 19:44:09 UTC
From: RAFI@BGUVMS.BGU.AC.IL
Message-ID: <199501261938.LAA12158@ucsd.edu>
Source record: 253059

I will be visiting Baltimore 2-3 February. Can someone suggest open
2 m repeater frequencies please?

Shalom and 73
Earl
4Z4TJ

1046. Re: TS 940 serial number question

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 19:55:18 UTC
From: hawley@aries.scs.uiuc.edu
Message-ID: <hawley.791150118@aries>
Source record: 253037

turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:

>Anyone know the history of the serial numbers on the 940's? I am
>about to buy a 5 million series. Is this a first run, middle run
>or late run radio? Anyone know?

>Thanks

>Clark
>WA3JPG

It's fairly early. 1984, (4Mil) and 1985, (5Mil) were probably the
first years. The desireable years to buy are about 7Mil and up.
However, I've known 5Mil 940's which have been upgraded (various
things from power supply protection to phase noise reduction) to
be very cherished by their owners.

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

1047. Re: FCC electronic filing rules! Takes 10 days!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 20:24:54 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17332D8CBS86.WALLY@ukcc.uky.edu>
Source record: 253034
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

My VEs told me this is how they do it: They mail the 610's to W5YI, and
then W5YI's group electronically (on disk) gives the FCC the applications.
Then apparently the FCC just takes the disk and lets the computer chew
on it and it's ready to process when it gets to those applications.

They don't mail the FCC directly or anything... So to break it down:

~2 days mailing to W5YI, day of processing there, ~2 days for the mail
to the FCC, and then that leaves 5 days for the FCC to do their stuff.

Also, it turned out to be 7 working days...

So anyway, is it bogus? Not as far as I know.. :)

1048. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 22:01:21 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3g963h$5br@hacgate2.hac.com>
Source record: 253038

In article Azx@world.std.com, jjmartin@world.std.com (James J Martin) writes:
|>No provision of these rules prevents the use by an amateur station of any
|>means of radiocommunication at it's disposal to provide essential
|>communication needs in connection with the immediate safety of human life
|>and immediate protection of property when normal communication systems
|>are not available.
|
|Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
|how can they apply to any other service. Sorry, but they can't.

Except that "Part 97" is just that: a part of a larger body of rules, namely Title 47 of the Code of Federal Regulations. When part 97 say "No provision of these rules..." it is reasonable to interpret the phrase "these rules" to refer to the whole body of rules, not just part 97.

-Brian

1049. 16 button phones

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 22:44:34 UTC
From: scurrie@vnet.ibm.com
Message-ID: <3g98ki$3br@innsrv.sce.com>
Source record: 253046

Some time back I noticed a phone in the imfamous "DAK" catalog that had a 16 button pad on it (that's right, ABCD). I ordered one and have found it very useful for controlling my repeater via the phone line. Recently, I have had a lot of requests from other members of the group for similar phones. I checked with DAK and other sources, but I can't find either the same phone I have or any other that has a 16 button pad. Has anyone else seen one of these or did I get a one of a kind?

Thanks,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/__/\__\__,_|_| |_| |_|\___|
_________________________________
| |
| Scott D. Currie N6ECN |
| VNET: SCURRIE at LSAVMIC1 |
| INTERNET: SCURRIE@VNET.IBM.COM |
|_________________________________|
```

1050. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 22:51:20 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2601951747450001@alexander.terranet.com>
Source record: 253040
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

In article <Pine.SGI.3.90.950126035836.11774C-100000-100000-100000@umbc8.umbc.edu>,
pacholczyk gregory <gpacho1@gl.umbc.edu> wrote:

> On 26 Jan 1995, Erik Wahlstrom wrote:
>
> > So I recently picked up a used AR1000XLT that i found in the paper. After some
> > stomping of feet, pulling of hair, and cursing the human factors group at AOR,
> > i think i am finally getting the hang of the, so called "User Interface".
> > Being a Hardware guy i couldn't resist the opportunity to take it apart
> > and have a look. Not to many surprises really, except one, the scanner is
> > controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
> > by NEC with an 8kB external ROM. So i am wondering if anyone has been
> > successful at interfaceing to it. It sure wound be allot simpler to program
> > those 1000 channels using my computer. Any takers?
> > I would also appreciate any "scanner tricks" advice from you AR1000
> > experts out there, like how to scan arbitrary banks, unlock a bank with out
> > unlocking all locked channels first, jump through hoops.
> >
> > Cheers Erik Wahlstrom
> > ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
> > PH. 415 390 3135 Fax 415 967 8496
> >
> > This message contains my opinions which are in no way those of my employer.
> >
> >
> >
> Try the Electronics Equipment Bank in Vienna VA. a book called The Guide
> To The AR1000. i'ts a comprehensive 100 page manual that'l tell you
> everything you want to know (and some things you don't) about the AR1000.
> Cost is about $15 pluss shipping.

If you want to know more about the prospect of computer interfacing, take a look at World Scanner Report newsletter--Vol. 4, Num. 8--for a comprehensive modification. The newsletter is available at 619-578-9247 (voice).
> -G

--
Michael Alexander
"Nils Carborundum"

1051. Re: Sub-Audible Repeater ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 23:01:44 UTC
From: scurrie@vnet.ibm.com
Message-ID: <3g99ko$3br@innsrv.sce.com>
Source record: 253043

In <3g1rch$sds@oak.oakland.edu>, ron@chaos.eng.wayne.edu (Ron Atkinson) writes:
>
>On a different note, have you tried the idea of filtering out
>an ID at the main site if you do ID at a higher audio frequency?
>Just wondering how it would really work (sounds good, but things
>never seem to be easy to get working :-)

It works fine, we do it here in Los Angeles. All you hear is a little click in the backround
with each character element. If you know what to listen for, you can hear it. Most people don't
even notice it.

```
_
___ __ _ _ _ _ _ _(_) ___
(_-</ _| || | '_| '_| |/ -_)
/__/\__\__,_|_| |_| |_|\___|
_____________________________
| |
| Scott D. Currie N6ECN |
| VNET: SCURRIE at LSAVMIC1 |
| INTERNET: SCURRIE@VNET.IBM.COM |
|_____________________________|
```

1052. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 23:03:47 UTC
From: armond@delphi.com
Message-ID: <566YKAz.armond@delphi.com>
Source record: 253044

Good advice, Paul! Back in the late 50s a lot of us with 2nd phones applied to Hoffman Electronics (IFF gear) ...we were going to school studying for FCC Firsts. They hired the ones with ham tickets b ecause they said it showed we we really interested in electronics....not just going into something because it was there, etc. N6WR

1053. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 23:13:11 UTC
From: scurrie@vnet.ibm.com
Message-ID: <3g9aa7$3br@innsrv.sce.com>
Source record: 253045

In <1995Jan26.104114.1@miavx3>, clmorgan@miavx3.mid.muohio.edu (Carl Morgan) writes:
>Gary, I'm usually in agreement with your statements, but I've a problem
>with this one.
>
>Presuming the ground strap to be broken (I've NEVER had one break in 40+
>years of using cars), how could you get 200A to flow thru the #16 or #14
>wire commonly used in a radio hookup?
>
>Even if it did, why could it "toast" the radio if the radio case and coax
>shield are both connected to ground?
>
>EH?
>
> 73 >< Carl
> K8NHE
>
For what its worth, when I put the engin back in a MGB one time (one of many times!), I forgot to
connect the frame ground. In this case the cranking current flows through the frame since the
batteries in an MGB are in a compartment behind the seats. Anyway, the first time I tried to start it, the manual choke cable caught fire! It was the only ground connection. I'm glad
it wasn't my 440 rig.

_
___ __ _ _ _ _ _ _(_) ___
(_-</ _| || | '_| '_| |/ -_)
/__/____,_|_| |_| |_|___|
_____
| |
| Scott D. Currie N6ECN |
| VNET: SCURRIE at LSAVMIC1 |
| INTERNET: SCURRIE@VNET.IBM.COM |
|_____|

1054. Re: Mailing lists, etc.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-26 23:32:58 UTC
From: fuat@tintin.cc.columbia.edu
Message-ID: <3g9bfa$f44@apakabar.cc.columbia.edu>
Source record: 253049

In article <Pine.SUN.3.91.950124132611.2273C-100000@babbage>,
Paul Knupke (CS) <knupke@csee.usf.edu> wrote:
>
>Where can I find a good list of amateur radio related mailing lists? I'm
>mainly interested in contesting, dx, and vhf+ stuff.

I maintain a list of mailing lists in the Columbia University Amateur
Radio Club's WWW home page (http://www.cc.columbia.edu/~fuat/cuarc/).
You can go directly to:

http://www.cc.columbia.edu/~fuat/cuarc/mailing-lists.html

--Fuat
Columbia University fuat@columbia.edu
703 Watson Labs 212-854-4804
612 W115th Street 212-662-6442 (Fax)
New York, NY 10025 Amateur Radio: N2YGN http://www.columbia.edu/~fuat/

1055. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 03:48:14 UTC
From: n1ist@netcom.com
Message-ID: <n1istD31p8F.lv9@netcom.com>
Source record: 253052

In article <1995Jan26.103407.1@miavx3> clmorgan@miavx3.mid.muohio.edu (Carl Morgan) writes:
-I, too, fail to see how the negative lead fuse, in a negative-ground
-vehicle is of any use.

Normal starter circuit:

Positive----solenoid relay---starter---engine block---body---strap---Negative

If the strap were to open (corrosion, etc), replace ---strap--- with

---radio case (or antenna/coax)---black wire---fuse---Negative

That's why the fuse is needed. Otherwise something else (PCB traces, black wire) will *become* the fuse! The fuse in the red wire is to protect against failures in the radio or the red wire. It should be at the battery end, since a common failure is a red- wire to body short due to melting or abrasion at the firewall.

/mike
--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

1056. Re: Make money - this really works

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 04:13:05 UTC
From: w5robert@blkbox.com
Message-ID: <3g9rsh$pg2@news.blkbox.com>
Source record: 253053

Hi Ken. The original never made it to this node. Congrads to those
That saw that the "original posting" was a hoax posted from wang.com
It did not come from me or this server.
(Dave note the path here is not the same U used from blkbox......)
73 Robert

1057. Re: FCC electronic filing rules! Takes 10 days!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 04:15:51 UTC
From: cmlong@mtu.edu
Message-ID: <3g9s1n$42o@techsrv1.tech>
Source record: 253058
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Walter R Francis (WALLY@ukcc.uky.edu) wrote:
:
: They don't mail the FCC directly or anything... So to break it down:
:
: ~2 days mailing to W5YI, day of processing there, ~2 days for the mail
: to the FCC, and then that leaves 5 days for the FCC to do their stuff.
:
: Also, it turned out to be 7 working days...
:
: So anyway, is it bogus? Not as far as I know.. :)

Walter,

I took my element 3A test for a tech no code license on Jan. 14 and my
callsign was issued on Jan. 25. I know this because I called the FCC.

Talk to ya,
Mike

--
/\
\ Michael Long || Public Relations Manager /
/ Callsign: KB8WPE || for HARC (W8YY) \
\ Email: cmlong@mtu.edu || Email: harc-l@mtu.edu /
/ Phone: (906)487-0204 || Majors: EET and EMT \
\/

1058. EXAMS IN SAN DIEGO

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 04:38:16 UTC
From: JHGK51C@prodigy.com
Message-ID: <3g9tbo$12pi@usenetw1.news.prodigy.com>
Source record: 253054

There will be an ARRL VEC exam session in San Diego on Feb 15, 1995.

Place San Diego Yacht Club 1011 Anchorage Lane
Time 7 pm Wednesday, 15 February
Elements All
Cost $5.90 for any and all elements, Novice 1A & 2 no cost

Please register by calling Rod, W6MWB at (619) 222-4043
leave message if you get the machine.

73 Rod W6MWB ARRL VEC liaison

1059. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 04:59:41 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3g9ujt$e50@fido.asd.sgi.com>
Source record: 253061
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

In article <3g8t74$a48@mark.ucdavis.edu>, ctbaker@taco.engr.ucdavis.edu writes:
> i got a copy of a newsletter detailing how one person hooked up a
> computer interface to an AR1000XLT and some simple code he used to
> control the scanner... (the newsletter i got from m. alexander who also
> frequents this site...)
>
> also the book on using the ar1000xlt by bernstein(?) is very helpful...
>
Your right the bernstein book is a real bonus.
Someone sent me a pointer to "The Guide To The AR1000"
from the Electronics Equipment Bank in Vienna VA.
Can anyone give me a comparison? Also How about posting
a reference to that newsletter, name, date, issue, etc.
Or forward my name and E-Mail on to m. alexander, if you can.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1060. Re: HELP-Baycom & Windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 05:02:16 UTC
From: szinski@prairienet.org
Message-ID: <3g9uoo$ssi@vixen.cso.uiuc.edu>
Source record: 253055

Jim Devenport (jdevenport@lanl.gov) wrote:
: I have tried unsuccessfully, repeatedly, to get BAYCOM 1.5 to run from
: a Windows icon. The serial port interrupts seem to be the problem. It
: will not decode packets and when transmitting (from Windows) the data
: bursts sound slow and confused and distorted, so evidently the serial
: port is being interrupted for windows refreshes which defeats successful
: packet transmission and reception.
: The baycom system works fine IF I first exit windows completely and run
: baycom solely from DOS.
: Is there a way to make it work under Windows?
: Thanks, de Jim WB5AOX

I believe Baycom and Windows can't run at the same time.
--
==========
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==========

1061. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 13:23:07 UTC
From: rsa@swindon.gpsemi.com
Message-ID: <D32FuK.H15@lincoln.gpsemi.com>
Source record: 253063
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Brian Kelk wrote:
>I'd like the one where the words are spelt with the correct letter but
>are pronounced completely differently, e.g.

>Bdellium [...]

aisle bdellium ctenoid djellaba eider f? gnaw heir iero jojoba know llareta mnemonic Nzi oestrus psychic qi r? sure tmesis uitlander vlei wry Xhosa yttric zeitgeist

Donald Fisk contributed some of the above. Some are contentious. Is the A in "aisle" silent, or is it that the "a" and "i" are both pronounced collectively as the "i" in "isle" is? If you think the latter, then do you count that as a "completely different" pronunciation of A? Different from what? Different from the usual pronunciations? Which are they?

1062. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-27 23:19:39 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3gbv2b$2tg@abyss.West.Sun.COM>
Source record: 253060

In article 8816@grian.cps.altadena.ca.us, morris@grian.cps.altadena.ca.us (Mike Morris) writes:
>armond@delphi.com writes:
>
>>Good advice, Paul! Back in the late 50s a lot of us with 2nd phones applied
>>to Hoffman Electronics (IFF gear) ...we were going to school studying for
>>FCC Firsts. They hired the ones with ham tickets b ecause they said it
>>showed we we really interested in electronics....not just going into something
>>because it was there, etc. N6WR
>
>I've never put my call letters specifically on my resume - but at the
>end of the resume I have 4 sections at the end (after the professional
>history and the "Additional skills" section):

I've interviewed a few candidates that mentioned their ham license
either on the resume or in the interview. I'll usually play dumb
and ask a few questions about ham radio, then 'fess up that I'm
licensed, too. They'll ask my call, and, always, my license class.

One time, the candidate BSed on the answers to the radio related
questions. He looked a little nervous when I said "KK6JQ, Extra".

:-)

P.S. If a candidate lists something on a resume, it is fair to ask
about it, even if it isn't directly related to the job. At least IMHO.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Antenna waves be burnin' up my radio" -- ZZ Top *

1063. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 00:48:39 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D33BL3.4z7@news.hawaii.edu>
Source record: 253062

decastro@netcom.com (Richard A. De Castro) writes:

>jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>>lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>>>FCC rules part 97.403
>>>Safety of life and protection of property.
>>>
>>>No provision of these rules prevents the use by an amateur station of any
>>>means of radiocommunication at it's disposal to provide essential
>>>communication needs in connection with the immediate safety of human life
>>>and immediate protection of property when normal communication systems
>>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>> ^^^^^^^^^^^^^^^^^
>
>>So before you use your HT out-of-band to call for help you'd better
>>make sure none of the following are nearby: pay phone, cellular phone,
>>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>>someone within shouting distance who could summon further help,
>>signalling mirror to signal an overhead airplane. Otherwise, no
>>fair grumbling if your HT gets taken away and you receive a NAL.

>If a ham had the ability to summon appropriate aid via his modified
>ht, and didn't, he would be, in MHO, a cad, and if I was the injured
>party, I'd have words with him.

Look, aid will be summoned somehow, either legally or illegally.
No one is suggesting you turn your back on the victim.

>You example about other means is reducto ad absurdum. A simple look
>around, or knowledge that he was out of repeater range (i.e. in the
>wildernesss, or even rural areas) would suffice any rational test.

We would hope so, but the authorities might not be in a rational
mood when they ask for your HT. I'm just asking that you cover
your okole (Hawaiian for what you sit on) so that you don't lose
your radio to the San Diego County Sheriff et al.

I'm offering my interpretation of ``...when normal communication
systems are not available.''

>BTW, signalling at a plane is useless.

Not with a parabolic signal mirror; I recall being given one when
I was in the military. They abound in the surplus stores. Believe
me, they work.

>In fact, it could even be illegal.

So is transmitting out-of-band when unnecessary. In actuality, there is no prohibition against using a signal mirror in a distress. {BTW, these are of handheld size; this will cause no visual impairment to an airplane pilot.}

Jeff NH6IL

1064. RFI - TNC/Keyboard

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 03:15:56 UTC
From: brannick@ix.netcom.com
Message-ID: <3gcctc$dp@ixnews3.ix.netcom.com>
Source record: 253064

I have recently purchased an Ameritron 811H amplifier primarily to help my sigs on 40 and 80 meter. Works well on SSB and CW.

However I also like to work the digital modes (RTTY, Amtor, Pactor) but have found that if a run the amp at all, I am getting RF into the Computer keyboard, a recent Gateway product and to some degree into the AEA 232MBX, to the extent that the green "STA" lamp (normally extinguished in these modes) glows brightly as I increase power. These problems only exist on 40 and 80. The dipole I use for these bands is probably 40 feet away (straight line distance)

I have already added two 4 inch ferrite rods into the coiled portion of the keyboard cable, which as resulted in limited, but perceptable improvement.

I have no ideas as to what to do on the TNC except for trying the Radio Shack chokes on each connection at the back of the unit.

Initially I thought perhaps the TNC problems were causing the keyboard thing, but have eliminated that possibility by bringing up my word processor and finding that the keys are effected there also if the amplifier is "key-down"

Any suggestions would be appreciated.

--

____
Bill Brannick | brannick@ix.netcom.com
" Life is just one damned thing after another "
-- Frank Ward O'Malley

1065. RFI - TNC/Keyboard

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 08:15:56 UTC
From: Bill.Brannick@f1.n328.z1.fidonet.org
Message-ID: <83b_9502010124@trisoft.com>
Source record: 253065

From: brannick@ix.netcom.com (Bill Brannick)
Date: 28 Jan 1995 03:15:56 GMT
Message-Id: <3gcctc$dp@ixnews3.ix.netcom.com>

I have recently purchased an Ameritron 811H amplifier primarily to help
my sigs on 40 and 80 meter. Works well on SSB and CW.

However I also like to work the digital modes (RTTY, Amtor, Pactor)
but have found that if a run the amp at all, I am getting RF into the
Computer keyboard, a recent Gateway product and to some degree into the
AEA 232MBX, to the extent that the green "STA" lamp (normally
extinguished in these modes) glows brightly as I increase power. These
problems only exist on 40 and 80. The dipole I use for these bands is
probably 40 feet away (straight line distance)

I have already added two 4 inch ferrite rods into the coiled portion of
the keyboard cable, which as resulted in limited, but perceptable
improvement.

I have no ideas as to what to do on the TNC except for trying the
Radio Shack chokes on each connection at the back of the unit.

Initially I thought perhaps the TNC problems were causing the keyboard
thing, but have eliminated that possibility by bringing up my word
processor and finding that the keys are effected there also if the
amplifier is "key-down"

Any suggestions would be appreciated.

--

____
Bill Brannick | brannick@ix.netcom.com
" Life is just one damned thing after another "
-- Frank Ward O'Malley

1066. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 09:32:59 UTC
From: techman@ace.com
Message-ID: <1989.UUL1.3#25274@ace.com>
Source record: 253066

need for call with U A N thanks for any help with words
bob N1UAN
73

1067. GB2RS News 29th January 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 09:38:46 UTC
From: dave@llondel.demon.co.uk
Message-ID: <791311126snx@llondel.demon.co.uk>
Source record: 253067
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 29th of January and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

First this week's headlines:-

Two Microwave records have been broken;

and GB2RS is available again on television in the Home Counties;

Two world records have recently been broken on the microwave bands. On the 10GHz band, VK5NY has worked VK5KZ/VK6 over a distance of 1,911km. And on the 145GHz band - that's 145 Gigahertz, not Megahertz - OZ9ZI and OZ1UM exchanged reports over an 11km path. They used 47GHz for talkback. The February edition of Radio Communication, features the Danish Microwave Activity week and the record-breaking work on 145GHz.

This edition of RadCom, which is scheduled to be posted to all RSGB members this week, also includes advice to members on the planning implications of using mobile masts.

The GB2RS News Service is broadcast on a number of bands and modes, including amateur television on the 1.3GHz band. After a period of inactivity, the television broadcast provided by Roy Powers, G8CKN, has returned to its regular service.

The broadcast is goes out live via Home Counties Amateur Television Group's repeater, GB3HV, at High Wycombe at 9.30 am on Sunday mornings. It is recorded at the repeater and is then available on demand during the rest of the week. GB3TV transmits on 1308MHz.

Photographs of events covered in the news would be appreciated for insertion into this transmission. Further information on this TV broadcast and the GB3HV repeater can be obtained from Mike, G8LES, whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Nauru (C2), W9GW will be active for the FOC Marathon which takes place next weekend, the 4th and 5th of February.

And from Christmas Island, members of the Bavarian Contest Club will sign VK9XY from next Thursday, the 2nd for a week, operating on all bands.

A free sample copy of the DX News Sheet can be obtained from RSGB HQ by calling 01707 659015.
Next the Rally News and we know of two events for today, Sunday the 29th of January:

The Lancaster Rally, is being held at Lancaster University, Lancaster. Doors open at 11am, or 10.30am for disabled visitors. This year's event is in larger halls than previously, with more trade stands, a bring and buy stall and special interest groups stands. Refreshments are available.

The Fenland Repeater and Lincs Packet Group's Midwinter Junkarama is being held at the Horncastle Youth Centre, Horncastle, Lincolnshire. The event starts at 10.30am and features trade stands and club tables. Refreshments are available.

And now the one event we know of for Sunday the 5th of February:

The South Essex Amateur Radio Society Radio Rally, is to be held at The Paddocks, Long Road, Canvey Island, Essex. The Paddocks is located at the end of the A130. The rally features trade stands, a bring and buy stall, and refreshments. Disabled car parking facilities will be located near the main doors. Doors open at 10.30am Talk-in will be on 2 metres, channel S22. Further details can be obtained from Roger, G0LTO, on 01268 693786.

On Sunday the 19th of February the 1994 RSGB VHF Convention is to be held at its usual venue at Sandown Race Course, Esher, Surrey on. Full details of the event, including the comprehensive lecture programme, are published in the January and February editions of RadCom, or can be obtained by calling RSGB HQ on 01707 659015.

Every year, RSGB Headquarters at Potters Bar has an Open Day so that members and non-members can see the HQ of the organisation which represents amateur radio in the UK. This year's open day is on Saturday, the 22nd of April. This coincides with International Marconi Day so exhibits and a special event station will mark the centenary of Marconi's practical demonstrations of radio. Make a note in your diary now for the 22nd of April.

Now for the HF contest news:

The final rounds of the RSGB LF CW Contest take place this week: 7MHz events are held today, Sunday the 29th of January, and next Saturday, the 4th. Both are from 1000 to 1200 UTC. Next Thursday, the 2nd, sees a 1.8MHz event from 2000 to 2200 UTC, and next Sunday, the 5th, a 3,5MHz event is held from 1600 to 1800 UTC. December's RadCom, page 78, gives detailed information.

The CQ World Wide 160 metre Contest took place this weekend, and it finishes at 1600 UTC today, the 29th. See January RadCom page 24 for brief details.

The February edition of RadCom includes a full report on the IARU Region 1 SSB Field Day which took place last September. The Open Section winner was Lichfield Amateur Radio Society, G3WAS Portable and the Restricted Section winner was Plymouth Radio Club, G3PRC Portable.

Next some VHF contest news:

The second of five RSGB 70MHz Cumulative Contest events takes place today Sunday the 29th, from 1000 to 1200 UTC. There are three sections, Fixed station single operator, Open and Listeners. See January RadCom page 81 for further details.

Next Sunday, the 5th of February, there is the RSGB 432MHz Fixed, Affiliated Societies and SWL Contest. The event takes place between 0900 and 1500 UTC and full details can be found in January's RadCom.

The RSGB VHF Contests Committee has announced a new mailing address for the entries to VHF events. This is: PO Box 29, Bridgend CF35 5YA. Logs can still be sent to individual adjudicators, but it is hoped that the single address will be easier for contestants to remember.

And now the solar factual data:

First this week we would like to congratulate the Space Environment Laboratory at the Space Environment Services Center Boulder, Colorado, on attaining the American Secretary of Commerce Customer Service Excellence Award. This award was received from Secretary Brown in Washington on the 22nd of November 1994. The RSGB would like to thank everybody involved for providing a first class service in supplying the Propagation Studies Committee with the solar - geophysical data information.

The period from the 16th to the 22nd of January saw an increase in sunspots and flux levels with flares reported on several days. Geomagnetic activity declined to quiet levels. Sunspot Indices increased from 30 on the 16th to 96 on the 22nd, with the sunspot mean at 62. Solar flux levels also increased every day from 83 units at the start, to 96 units at the end of the period. The average was 90 units.

Several sub-flares were reported. On the 18th at 17.42 hours a C1.2/SF took place, this was the largest flare of the period. The electron fluence remained reasonably steady at moderate levels throughout. The x-ray flux levels increased from A5.1 units on the 16th to B1.9 units by the 21st, averaging B1.0 units. Average 90 day solar flux on the 22nd was 83 units.

Geomagnetic activity declined from 'sub-storm' levels on the 17th and 18th with an Ap index of 27 and 28 units respectively, to quiet levels with an Ap index of only 5 units on the 21st. The average for the period was Ap 13 units. The state was 'magalert' at first due to a coronal hole, then declined to 'quiet' after the 18th. The aa indices, as reported by the British Geological Survey for the period from the 10th to the 16th, were at mostly quiet levels with the 15th down to only 9.0 nanoTeslas. Only the 11th and the 16th were at active levels. The

average for the period was 17.5 nanoTeslas, about K2.

I'll repeat the figures: spots-62; flux-90; Ap index-13; X-ray flux-B1.0.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 13th to the 19th of January, averaged 6.7MHz. On the 15th, a critical frequency of only 6.1MHz was recorded but the best day was the 17th at 7.3MHz. The darkness hour lows averaged 2.3MHz and were down to 1.9MHz on the 19th. Spread F was also reported for 13 hours from 19.00 hours on the 18th. The day time highs are taking place between 10.00 and 14.00 hours. Darkness hour lows are mostly between 04.00 and 06.00 hours but can be as early as 19.00 hours as was the case on the 14th.

And lastly the solar forecast.

This week the quieter side of the sun will be looking our way. Solar activity is expected to be very low with the solar flux into the 70s. Geomagnetic activity is expected to be at 'unsettled to active' levels for most of the week. Ionospheric MUFs may decrease during the week but, for the south, levels are expected to be at about 20MHz and, for the north, about 17MHz at best. The darkness hour lows are expected to be about 7MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Quebec and G7 Tango Zulu series, and Novice calls in the 2 0 Alpha Juliet and 2 1 Delta Papa series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

1068. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 09:59:44 UTC
From: dra@pipeline.com
Message-ID: <3gd4ig$349@pipe1.pipeline.com>
Source record: 253068

In rec.radio.amateur.misc jgrubs@voxbox.norden1.com (Jim Grubs, W8GRT)
said:
>
>mthomas@cris.com (Martin Thomas) writes:
>
>> >WD4SKT Donnie Osmond, entertainer
>> This man is listed as Donald Osmond born in 1954.
>> The entertainer was born in 1957
>
>Donnie is a ham, but he is a 7, of course.
>
>
Donnie -was- KA7EVD. I believe he let his ticket lapse.

Joe Walsh (Eagles) WB6ACU (I've worked him)

Larry Junstrom (.38 Special) KN4UB

--
David R. Alpert

1069. How to find the answers to frequently-asked questions about Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 10:44:11 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-faq-ptr-1-791289844@oes.amdahl.com>
Source record: 253069
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Posted-By: auto-faq 3.1.1.4
Archive-name: ham-faq-ptr

How to find the Rec.radio.amateur.misc Frequently Asked Questions list
---

This article will tell you how to find the answers to frequently-asked
Questions (FAQ) from rec.radio.amateur.misc. The FAQ articles are posted on
the 7th and 21st of each month. This article is posted on the 14th and 28th
of every month as a reminder of where to find the FAQ.

The FAQ articles are intended to summarize some common questions on the
rec.radio.amateur.misc newsgroup and Info-Hams mail list as well as to help
beginners get started.

Besides the monthly posting, the FAQ is always available via anonymous FTP
and from e-mail servers. This article contains instructions for obtaining a
copy of the FAQ. It also contains the table of contents from the FAQ so
that you know which questions are covered by it.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good
signal-to-noise ratio in the newsgroup. However, they can't do it alone - you,
the reader, have to use them. If you are a new user, please print and review
the FAQ articles and look at the instructions in the news.newusers newsgroup
before posting any articles. If you are an experienced user, please help by
refraining from answering frequently-asked questions on the newsgroup if they
are already answered by the FAQ articles. Instead, send e-mail to the user who
asked the question. (It will be helpful if you include the part of the FAQ
that answers their question, but not the whole thing.)

--How to obtain a current copy of the FAQ-----------------------------------

There are 7 ways to obtain a copy of the FAQ.
1) World-Wide Web (WWW) and Mosaic
2) NetNews
3) Anonymous FTP
4) An Electronic Mail Server
5) Mail List Subscription
6) Gopher
7) Wide Area Information Server (WAIS)

Option #1: World-Wide Web (WWW) and Mosaic

The World-Wide Web (WWW) has experienced explosive growth in usage in 1993

and 1994. WWW clients like Lynx (in ASCII text) or Mosaic (X/Mac/Windows) can display the FAQ from many different sources. Each source is named by a URL (uniform resource locator.) If you are one of the growing numbers of people with Internet access, Option #1 is your choice. The following URL can be used to find the FAQ:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html

Other services listed later in this article are also accessible with WWW at the following URLs:
news:rec.radio.info
file://ftp.amdahl.com/pub/radio/amateur
file://ftp.cs.buffalo.edu/pub/ham-radio
file://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq
file://grivel.une.edu.au/pub/ham-radio/buffalo/ham-radio
file://nic.funet.fi/pub/ham/info
gopher://cc1.kuleuven.ac.be/
gopher://jupiter.sun.csd.unb.ca/
gopher://gopher.univ-lyon1.fr/
gopher://ftp.win.tue.nl/
gopher://gopher.win.tue.nl/
wais://rtfm.mit.edu/usenet

For more information on WWW, see the comp.infosystems.www newsgroup. Also, the help options on your WWW client should be able to point you to lots of information all over the world.

Option #2: NetNews

If you are familiar enough with NetNews to look through previous articles on your system, Option #2 above may be the easiest for you. The FAQ is posted so that it should not expire from your site's news spool until the next one is posted. Unfortunately, some news administrators do not honor the expiration dates meant to preserve the FAQ.

Look in rec.radio.amateur.misc, rec.radio.info, rec.answers, or news.answers. If the FAQ has expired at your site, try Option #3 (and ask your news administrator to honor expiration dates for articles cross-posted to news.answers if he/she can.)

Option #3: Anonymous FTP

Anonymous FTP uses the File Transfer Protocol. It is only available to sites which are directly connected to the Internet. If you don't know how to use FTP and can't find a friend to help you, continue to Option #4. If your site is not connected to the Internet, you should also continue to Option #4.

The following sites have copies of the FAQ:
site name & address path to FAQ articles
------------------ --------------------
ftp.amdahl.com pub/radio/amateur/faq.[1-3].Z
located in western USA, FAQ updated daily

ftp.cs.buffalo.edu pub/ham-radio/faq_ham_[1-3]
located in eastern USA, FAQ updated monthly
rtfm.mit.edu pub/usenet/news.answers/radio/ham-radio/faq/part*
located in eastern USA, FAQ updated monthly
contains news.answers archive - most UseNet FAQs are here
grivel.une.edu.au pub/ham-radio/buffalo/ham-radio/faq_ham_[1-3]
located in Australia, FAQ updated monthly
(Ham files mirrored from buffalo/funet/ucsd daily)
nic.funet.fi pub/ham/info/faq_ham_[1-3]
located in Finland, FAQ updated monthly

Remember, when connecting to the remote system, use the login name of
"anonymous" and, as a courtesy to the site administrators, your e-mail address
for the password.

Option #4: Electronic Mail Server

If you can't use Options 1 or 2, your only remaining option is electronic mail.
You can retreive a copy of the FAQ by sending a message to
mail-server@rtfm.mit.edu

The body of your mail will contain a command for the mail server software.
To get all of the FAQ (consisting of 70K of e-mail in 3 parts), place the
following in the first line of your message:
send usenet/news.answers/radio/ham-radio/faq/*

Leave out the subject of your message because the mail server will ignore it.

--- begin sample mail message ---
To: mail-server@rtfm.mit.edu
From: me@here.org
Date: Mon Aug 14 22:27:33 PDT 1995

send usenet/news.answers/radio/ham-radio/faq/*
--- end sample mail message ---

Option #5: Mail List Subscription

If you prefer, you may get the FAQ and other periodic Ham Radio information
as it gets posted. All the information posted to rec.radio.info can be
obtained through the UCSD list server via the "radio-info" mail list. To
subscribe, send an e-mail to
listserv@ucsd.edu
Similar to the e-mail server listed above, just send a single-line message
subscribe radio-info
If you need more information, the listserv program also accepts a "help"
command. Just keep it on a separate line in the message.

Option #6: Gopher

You can access gopher servers on TCP port 70 (gopher protocol) at the
following locations which carry the Ham Radio FAQ:
cc1.kuleuven.ac.be

jupiter.sun.csd.unb.ca
gopher.univ-lyon1.fr
ftp.win.tue.nl
gopher.win.tue.nl
For more information on gopher, see the comp.infosystems.gopher newsgroup.

Option #7: Wide Area Information Server (WAIS)

In addition to the other services mentioned above, rtfm.mit.edu offers a
WAIS server on TCP port 210. Use the "usenet" database to access the FAQ.

For more information on WAIS, see the comp.infosystems.wais newsgroup.

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--Asking Questions---

If you have questions about Amateur Radio (a.k.a. Ham Radio), please read the FAQ. If your question is not answered there, check if you have any other sources (i.e. Mosaic/WWW) before proceeding. If you still don't have an answer, post your question to the most appropriate rec.radio.amateur.* newsgroup. And be sure to mention where you have already looked for the answer so people won't mistakenly tell you to try them again.

Thank you for doing your part to conserve network bandwidth!

--Submitting changes for the FAQ----------

If you have comments or updates for the FAQ, send e-mail to
hamradio-faq@amdahl.com
This will send mail to all the people on the FAQ editorial review group.

--Call for FAQ Editors----------

As with any volunteer effort, new volunteers are often needed. We need a new editor to post the Ham Radio FAQ. Preferably this should be someone who has enthusiasm for Ham Radio, experience with UseNet, and the ability to work with the other editors. No single person can know all the various aspects of this diverse hobby so the editorial review group is intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is written in PERL. So it would be a plus for volunteers to post the FAQ to have PERL installed on their system and be able to use "cron" or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer should contact hamradio-faq@amdahl.com.

1070. ic-w21a

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 10:50:00 UTC
From: gary.scafe@onsite.brisnet.org.au
Message-ID: <336.373.35@onsite.brisnet.org.au>
Source record: 252978

Any mods for this beasty...

Ghaz!

[illegible]
[illegible]
[illegible]

1071. International Callsign or Prefix Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 11:07:03 UTC
From: Alan.M..Friedman@f1.n328.z1.fidonet.org
Message-ID: <87e_9502010124@trisoft.com>
Source record: 253070

From: alan@kether.intellint.com (Alan M. Friedman)
Date: 28 Jan 1995 06:07:03 GMT
Message-Id: <3gcmu7$e0a@news1.digex.net>

Hi!

I was wondering if anyone can point me to an up-to-date source of
International prefixes and maybe even full callsigns.

I have the '95 Callbooks and several CD Roms, but I'm sure there
are still dynamic changes from week to week and I wonder if someone may
know of an internet source of these changes.

For example, I just heard a CL7BC on 40 meter CW and could not find
the CL7 prefix in the International Callbook, or anywhere else. Since
I'm not an educated DXer, I would really like an up to date reference.
By, the way, he was calling CQ and I'm POSITIVE I copied the callsign
correctly.

While I realize there are non-valid calls around the bands, I would
really like to know if there is a day to day database or other source of
VALID info?

Thanks for any replies.

Alan
--
___ ___ ___ | Alan M. Friedman - WA3MLK
_ _ _ Artificial Intelligence | Intelligent Interfaces, Inc.
_ _ _ Neural Netification | (301)299-6631||(301)983-2211
___ ___ ___ | alan@kether.intellint.com

1072. GB2RS News 29th January 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 14:38:46 UTC
From: David.Hough@f1.n328.z1.fidonet.org
Message-ID: <b80_9502010140@trisoft.com>
Source record: 253071

From: dave@llondel.demon.co.uk (David Hough)
Date: Sat, 28 Jan 1995 09:38:46 +0000
Message-Id: <791311126snx@llondel.demon.co.uk>

Good morning. It's Sunday the 29th of January and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

First this week's headlines:-

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and GB2RS is available again on television in the Home Counties;

Two world records have recently been broken on the microwave bands. On the 10GHz band, VK5NY has worked VK5KZ/VK6 over a distance of 1,911km. And on the 145GHz band - that's 145 Gigahertz, not Megahertz - OZ9ZI and OZ1UM exchanged reports over an 11km path. They used 47GHz for talkback. The February edition of Radio Communication, features the Danish Microwave Activity week and the record-breaking work on 145GHz.

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Photographs of events covered in the news would be appreciated for insertion into this transmission. Further information on this TV broadcast and the GB3HV repeater can be obtained from Mike, G8LES, whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Nauru (C2), W9GW will be active for the FOC Marathon which takes place next weekend, the 4th and 5th of February.

And from Christmas Island, members of the Bavarian Contest Club will sign VK9XY from next Thursday, the 2nd for a week, operating on all

bands.

A free sample copy of the DX News Sheet can be obtained from RSGB HQ by calling 01707 659015.
Next the Rally News and we know of two events for today, Sunday the 29th of January:

The Lancaster Rally, is being held at Lancaster University, Lancaster. Doors open at 11am, or 10.30am for disabled visitors. This year's event is in larger halls than previously, with more trade stands, a bring and buy stall and special interest groups stands. Refreshments are available.

The Fenland Repeater and Lincs Packet Group's Midwinter Junkarama is being held at the Horncastle Youth Centre, Horncastle, Lincolnshire. The event starts at 10.30am and features trade stands and club tables. Refreshments are available.

And now the one event we know of for Sunday the 5th of February:

The South Essex Amateur Radio Society Radio Rally, is to be held at The Paddocks, Long Road, Canvey Island, Essex. The Paddocks is located at the end of the A130. The rally features trade stands, a bring and buy stall, and refreshments. Disabled car parking facilities will be located near the main doors. Doors open at 10.30am Talk-in will be on 2 metres, channel S22. Further details can be obtained from Roger, G0LTO, on 01268 693786.

On Sunday the 19th of February the 1994 RSGB VHF Convention is to be held at its usual venue at Sandown Race Course, Esher, Surrey on. Full details of the event, including the comprehensive lecture programme, are published in the January and February editions of RadCom, or can be obtained by calling RSGB HQ on 01707 659015.

Every year, RSGB Headquarters at Potters Bar has an Open Day so that members and non-members can see the HQ of the organisation which represents amateur radio in the UK. This year's open day is on Saturday, the 22nd of April. This coincides with International Marconi Day so exhibits and a special event station will mark the centenary of Marconi's practical demonstrations of radio. Make a note in your diary now for the 22nd of April.

Now for the HF contest news:

The final rounds of the RSGB LF CW Contest take place this week: 7MHz events are held today, Sunday the 29th of January, and next Saturday, the 4th. Both are from 1000 to 1200 UTC. Next Thursday, the 2nd, sees a 1.8MHz event from 2000 to 2200 UTC, and next Sunday, the 5th, a 3,5MHz event is held from 1600 to 1800 UTC. December's RadCom, page 78, gives detailed information.

The CQ World Wide 160 metre Contest took place this weekend, and it finishes at 1600 UTC today, the 29th. See January RadCom page 24 for

brief details.

The February edition of RadCom includes a full report on the IARU Region 1 SSB Field Day which took place last September. The Open Section winner was Lichfield Amateur Radio Society, G3WAS Portable and the Restricted Section winner was Plymouth Radio Club, G3PRC Portable.

Next some VHF contest news:

The second of five RSGB 70MHz Cumulative Contest events takes place today Sunday the 29th, from 1000 to 1200 UTC. There are three sections, Fixed station single operator, Open and Listeners. See January RadCom page 81 for further details.

Next Sunday, the 5th of February, there is the RSGB 432MHz Fixed, Affiliated Societies and SWL Contest. The event takes place between 0900 and 1500 UTC and full details can be found in January's RadCom.

The RSGB VHF Contests Committee has announced a new mailing address for the entries to VHF events. This is: PO Box 29, Bridgend CF35 5YA. Logs can still be sent to individual adjudicators, but it is hoped that the single address will be easier for contestants to remember.

And now the solar factual data:

First this week we would like to congratulate the Space Environment Laboratory at the Space Environment Services Center Boulder, Colorado, on attaining the American Secretary of Commerce Customer Service Excellence Award. This award was received from Secretary Brown in Washington on the 22nd of November 1994. The RSGB would like to thank everybody involved for providing a first class service in supplying the Propagation Studies Committee with the solar - geophysical data information.

The period from the 16th to the 22nd of January saw an increase in sunspots and flux levels with flares reported on several days. Geomagnetic activity declined to quiet levels. Sunspot Indices increased from 30 on the 16th to 96 on the 22nd, with the sunspot mean at 62. Solar flux levels also increased every day from 83 units at the start, to 96 units at the end of the period. The average was 90 units.

Several sub-flares were reported. On the 18th at 17.42 hours a C1.2/SF took place, this was the largest flare of the period. The electron fluence remained reasonably steady at moderate levels throughout. The x-ray flux levels increased from A5.1 units on the 16th to B1.9 units by the 21st, averaging B1.0 units. Average 90 day solar flux on the 22nd was 83 units.

Geomagnetic activity declined from 'sub-storm' levels on the 17th and 18th with an Ap index of 27 and 28 units respectively, to quiet levels with an Ap index of only 5 units on the 21st. The average for the period was Ap 13 units. The state was 'magalert' at first due to a coronal hole, then declined to 'quiet' after the 18th. The aa indices, as

reported by the British Geological Survey for the period from the 10th to the 16th, were at mostly quiet levels with the 15th down to only 9.0 nanoTeslas. Only the 11th and the 16th were at active levels. The average for the period was 17.5 nanoTeslas, about K2.

I'll repeat the figures: spots-62; flux-90; Ap index-13; X-ray flux-B1.0.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 13th to the 19th of January, averaged 6.7MHz. On the 15th, a critical frequency of only 6.1MHz was recorded but the best day was the 17th at 7.3MHz. The darkness hour lows averaged 2.3MHz and were down to 1.9MHz on the 19th. Spread F was also reported for 13 hours from 19.00 hours on the 18th. The day time highs are taking place between 10.00 and 14.00 hours. Darkness hour lows are mostly between 04.00 and 06.00 hours but can be as early as 19.00 hours as was the case on the 14th.

And lastly the solar forecast.

This week the quieter side of the sun will be looking our way. Solar activity is expected to be very low with the solar flux into the 70s. Geomagnetic activity is expected to be at 'unsettled to active' levels for most of the week. Ionospheric MUFs may decrease during the week but, for the south, levels are expected to be at about 20MHz and, for the north, about 17MHz at best. The darkness hour lows are expected to be about 7MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Quebec and G7 Tango Zulu series, and Novice calls in the 2 0 Alpha Juliet and 2 1 Delta Papa series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

1073. Re: Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 15:01:01 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3gdm7d$nsv@yrkpa.kias.com>
Source record: 253072

Frank C. Morris (0007186758@mcimail.COM) wrote:
: A local group of hams in our area are in the process of putting on a ham
: class for the Novice/Technician class of Licenses. We have gone around to
: advertising for the class. All of the merchants have been very helpful and
: have let us advertise in their storefront windows except for the local Radio
: Shack. This is the second time we have tried to put a flyer in their
: storefront window and they have said NO!
: Any help and/or suggestions will be most appreciated.
: TNX DE Frank C. Morris, N5YZM... MCI Mail ID No.: 718-6758

Must be at the managers option. We've had no problem in our area.
Radio Shacks in York PA seem very cooperative.

John k3nxu You may want to check with Radio Shacks
corporate office.

1074. Re: 2-meter intermods/splatter in FM18/FM19

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 15:04:11 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan28.150411.3058@ke4zv.atl.ga.us>
Source record: 253073
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <phb.791239092@melpar> phb@syseng1.melpar.esys.com (Paul H. Bock) writes:
>
> Regarding the recent ARRL VHF Sweepstakes: There is a
>serious problem within FM18/19 with several well-known stations
>capable of high-power operation. This problem manifests itself
>in two ways, which I will cover in turn.

I'm not an avid contest operator, but I've observed the effects
of contests on other operations in the band. Thus I'd like to
contribute to this thread from that perspective.

>I. Excessive power for conditions
>
> By running maximum power output at all times, stations with
>an otherwise "clean" output are creating severe intermodulation
>problems for other stations within FM19. While it is all well
>and good to say "it's a receiver problem," that answer reflects
>an inconsiderate, if not downright arrogant, attitude. *Most* of
>the two-meter SSB operators who tried out the contest are using
>commercially-built equipment; they are stuck with what they have,
>and many are not knowledgable enough (nor do they care to spend
>the extra money) to modify their equipment for improved intermod
>performance. To "expect" them to do that just because they're
>hams is unrealistic. This is a hobby; they bought approved
>commercially-built equipment; they should be able to enjoy
>reasonably interference-free operation if everyone acts in a
>considerate manner.

The FCC says we must run the minimum necessary power to achieve
communications at all times. That power level is pretty easy to
predict on known point to point paths. In a contest, however,
stations are trying to achieve the maximum possible number of
contacts over the longest and most difficult possible paths.
This begs stations to run the maximum legal power. In other words,
the question is not, "how much power do I need to make this point
to point path", rather it is "what paths can I work maximizing
every factor at my disposal, including power".

The purpose of contests is supposed to be the same as racing,
to improve the breed, to push all the limits of the possible
to their furtherest extent. A major benefit of contests is to
push amateurs and manufacturers to produce the best equipment
possible within the constraints of the amateur marketplace.
To deliberately hold this effort back in order to allow poorly

designed and constructed equipment a better chance seems to
me to be counterproductive in the long run. Do we really want
to shade the rules in favor of mediocre stations and equipment?
I think not.

Part of being an amateur is learning that manufacturers don't
always know best, and that your generic Kenwood just can't hack
it in a real dustup with better equipped stations. Perhaps you
should have bought Yaesu or Icom equipment, or perhaps you
should modify what you've got, or perhaps you should build
your own. This competition under severe conditions leads to
improved designs, and that's good for all amateurs in the
long run. It also leads to more knowledgeable amateurs, and
that's very good, and an important part of the amateur service's
charter.

[Gag, I'm actually supporting contesting here. Many of you never
thought you'd see that I'll bet. The only justification I can offer
is that VHF/UHF contesting is sufficiently different from HF contesting
to allow me to support it.]

>II. Trashy Signals
>
> The January VHF Sweepstakes unfortunately pointed out
>another problem: High-power operators with trashy signals.
>While the intermod problem is one which we must live with
>whenever a high-power station "cranks up the juice," even if it's
>done responsibly and just to capture a distant grid, splatter and
>spurious emissions are totally unnecessary and can be eliminated
>by *proper operation* of the equipment. High power operators
>need to be particularly sensitive to this problem, and thoroughly
>knowledgeable about how to tune and adjust their equipment
>correctly. If the equipment cannot be operated properly, and/or
>if the operator doesn't have the necessary test equipment
>available to measure performance parameters, then he/she shouldn't
>be operating high power.

This, on the other hand, is a completely valid criticism. Amateurs
should make sure that the signals they radiate are as clean as
necessary for the conditions under which they operate. This
is particularly acute for higher power operations since the noise
floor usually will mask poor performance from low power stations,
but at high power the same degree of spurious suppression will
leave easily detectable signals present in the band to interfere
with others.

The FCC rules don't address what is commonly called the "near-far"
problem. A spurious product that can't be detected at a far location
can still plague a nearby station even if the transmitting station
is operating within the FCC guidelines. This is especially true if
the nearby station is optimized exclusively for weak signal performance
to the detriment of strong signal handling. Even if a nearby station

is optimized to handle strong adjacent signals, an on channel product will still present problems. This moves from the realm of receiver improvement to the realm of transmitter improvement.

I don't think we should shade contest rules to reward poor receiver engineering, but on the other hand, I also don't think that trashy transmitters should be rewarded either. On the race track, cars that are dropping oil on the track are black flagged and pulled into the pits until they can be repaired. Now in the amateur service, that officiating job belongs to the FCC, but they are notoriously under strength and aren't performing that task very well. So that leaves the officiating task to other amateurs. But many of them are using poorly engineered commercial equipment, and it's difficult to tell where the problem actually is. Perhaps a selected set of COs (Contest Observers) setup with proper monitoring equipment can be sanctioned by the ARRL to "black flag" offending stations during contests.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1075. Re: International Callsign or Prefix Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 15:20:40 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3gdnc8$a3l@omnifest.uwm.edu>
Source record: 253074

Alan, you worked a Cuban novice. See Page 17 - 19 of the ARRL Operating Manual. You're right that it's not perfectly up to date, but I think you can get a very recent version from the ARRL via e-mail.

73,

Rick WB9GYT

1076. Re: New Zealand operation

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 15:55:34 UTC
From: Stephen.McNeill@f1.n328.z1.fidonet.org
Message-ID: <ba6_9502010140@trisoft.com>
Source record: 253075

From: mcneills@landcare.cri.nz (Stephen McNeill)
Date: Sat, 28 Jan 1995 10:55:34 LOCAL
Message-Id: <mcneills.6.0023FBBC@landcare.cri.nz>

In article <pmcafeeD2zKo2.3sy@netcom.com> pmcafee@netcom.com (Peter McAfee)
writes:

>From: pmcafee@netcom.com (Peter McAfee)
>Subject: New Zealand operation
>Date: Thu, 26 Jan 1995 00:14:25 GMT

>I am planning a trip to New Zealand next month. In the Feb. QST I note
>that for VHF and UHF operation my US license should be good and a New
>Zealand permit is not needed. Is this all there is to it. I will be going
>to both the North Island and the South Island, what is the repeater
>situation for both 2 meters and 70 cm. Will it be worthwhile bringing my HT.

>Thanks,
>Pete McAfee <kd6hr>
>pmcafee@netcom.com

If you are staying in New Zealand for up to a month then you can operate
without a specific licence on 2 metres and 70 cm. If you are staying longer,
or if are planning more extensive operation, you should consider getting a
licence. This can be done over the counter at any of the Ministry of Commerce
Radio Operations officers. They are quite helpful.

There are about 200 repeaters around the country, so you shouldn't have too
much trouble finding one. With 200 however, the density (amateurs per
repeater) can sometimes be quite low. You would be well advised to bring a 70
cm handheld in order to use the National System - a network of 70 cm repeaters
running from well north of Auckland, down to Dunedin in the south island.

If you can e-mail me directly, I can FAX you a set of repeater maps for the
country. Alternatively, you can buy a 1994 NZART Callbook which will have
this information in it (and a lot more). NZART is the national association
for amateurs. The callbook can be bought from NZART Headquarters in Upper
Hutt, by person, by mail, or from one of the large electronics stores in the
country (e-mail me if you need more information).

2 metre repeater offsets are +/- 600 kHz, 70 cm offsets are 5MHz. 2 metres
runs from 144-148, and 70cm from 430 to 449.750 MHz. The repeaters in 70 cm
are in the bottom 10 MHz (outputs between 438 and 440 unless the repeater is
inverted for a special reason). Check your US handheld for compatibility
before you leave home... All repeaters are "open" in New Zealand. None have
tone access, and repeater callsigns are unnecessary. Repeaters are owned and
operated by Branches of NZART, which are local amateur clubs in their own

right.

You shouldn't have trouble using packet in the country. Digipeaters seem to be everywhere, although the enlightened few have put in some specialised data repeaters. Data forwarding up and down the country is by way of a combination of digipeater traffic and forwarding up the National System after midnight.

Anything I need to add ? Oh yes, have fun, that's the object isn't it ?

Stephen McNeill ZL4HG
NZART Councillor

Information on contacting NZART:

NZART Headquarters
Box 40-525
Upper Hutt
New Zealand

Phone : +64-4-528 2170
FAX: +64-4-528 2170

1077. subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 16:07:14 UTC
From: Huntleyrc@aol.COM
Message-ID: <950128110713_2401211@aol.com>
Source record: 253076

```
subscribe
```

1078. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 16:46:18 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Jan28.164618.18635@news.wizvax.com>
Source record: 252981
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2u9Cs.Iqn@news.hawaii.edu>,
Jeffrey Herman <jeffrey@math.hawaii.edu> wrote:

[part 97.403 deleted]
>
>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

1: If you read the original post, you would have known that there were
no ham repeaters in reach.

2: If you had read the original post, you would have known that the HT
was confiscated by the sherriff's office, which has no legal authority
to do so.

3: Do you know for a fact that this ham was carrying a cell phone? If
he was not (I don't know if he was either) then the cell site would be a
moot point, since HT's dont work with cell sites.

4: There is a good chance that even if the ham was carry a cell phone,
it would have been as useless as the ham band, if not more so. The
sherriff's office had arranged full coverage of the are by their repeater
out of necessity. Both ham repeaters and cell phones are luxury items,
so maybe not as much effort was made to get the coverage. Cell sites are
purposely short-ranged anyway.

I await your reply.

--
Glenn C. Lasher, Jr.
critter@wizvax.com
finger for PGP key

1079. Amateur Radio Newsline #910 21 Jan 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 16:46:58 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <2KdAIGG8yrz7078yn@dorsai.org>
Source record: 253077
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.910
Amateur Radio Newsline #910 21 Jan 1995

Notes:
1 - This edition is a week behind. See the closed circuit advisory.
2 - Our copyright information will now be included only once a month due to it's bandwidth.
3 - We have not been able to fix the Fidonet posting problem from our local BBS. We are trying it again from an alternate site with a fix that we hope will work there. If it still doesn't get out properly, then we will be dropping the Fido feed for a while.

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Netowrk. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline. and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks - Steve Coletti (within the conference/echo) or bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)
- - - - - -
NEWSLINE RADIO - CBBS EDITION #910 - POSTED 01/26/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
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```
Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... Temp. Disconnected
Melbourne, FL..... (407) 259-4479
```

Electronic Hardcopy Version of Newsline
==========

```
GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net
```

For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

Check with your local amateur radio club to see if NEWSLINE
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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[910]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* Explanation for the Delay *
(* *
(* You may have heard this in your newscasts, but here it *
(* is from the scene. Phone service was cut off to a very *
(* large part of northwestern Minnesota on Saturday, January *
(* 21st do to an individual cutting through 19 large phone *
(* cables and fiber optics at five sites around the Fargo, ND *
(* Moorhead, MN area. This severed phone service to over *
(* 25,000 customers in the area. Service is not expected to *
(* be fully restored until this coming Saturday (seven days *
(* later). This script was received while out on a service *
(* call to another city. One doesn't realize how dependent *
(* one is on phones, until you lose them for an extended *
(* period of time. Please be patient while things are getting *
(* back to normal. Thank you. *
(* *
(* *
(* *
(* The following advisory is not necessarily for trans- *
(* mission over amateur radio. This is just a reminder that *
(* the address for the Newsline Support Fund is Newsline, in *
(* care of Andy Jarema, N6TCQ, Post Office Box 660937, Arcadia *
(* California 91066. Again, and as always, we thank you. *
(* This ends the closed circuit with Newsline report number *
(* 910 for release on Friday, January 20, 1995 to follow. *
(* *
(* *

The following is a QST

A killer quake in Japan, floods in California and a missing yachtsman is found. All these ham radio stories and more on Newsline report number 910 coming your way right now!

(*****
JAPAN QUAKE

Ham radio operators around the world are being asked not to try to send messages into the earthquake ravaged city of Kobe Japan. This is because these is no way to get these messages delivered at this time. For hams in the United States wanting to provide assistance the problem is even bigger. This, since no bi-lateral third party traffic agreement exists between the United States and Japan. As such, United States hams are barred from handling any form of health and welfare messages until and unless both nations declare a need for amateur radio to get involved.
By way of background, on Sunday Morning January 16th here in the USA, the city of Kobe was rocked by a 7 dot 2 magnitude trembler. The devastation in that city is wide-spread. The casualty list as of Wednesday January 18th says that 3000 are dead and at least another 1000 are still missing. At least 40,000 are homeless and these figures are expected to rise as rescue efforts continue.
As we go to air, CNN reports that much of Kobe is without public utilities. This includes telephones and electricity and the situation could remain that way for several weeks. As a result, most hams in the Kobe region are off the air. Those few who do have power and whose equipment survived the quake are probably involved in providing inter-city communications within Japan. They cannot be bothered handling health and welfare requests from outside the country until such time as the immediate emergency is past.
Once again, if you live outside of the United States and you are being requested to send traffic to Japan, please hold all messages until such time as word comes from Japan that these messages can be delivered. If you live in the United States please wait until you are told by the FCC that a temporary third party agreement has been put in place to permit emergency traffic to Japan. As we go to air, no such order has been issued by the FCC.

(*****
YACHTSMAN FOUND

Some good news. Ernie Nievera, N2MBC reports that missing yachtsman Tony Wee, WZ7B who left San Diego on December 1st has turned up safe in Hilo, Hawaii on January 7th. Tony was presumed missing after loosing regular contact with the Maritime Mobile Net.
As it turned out, Tony had trouble charging his batteries and could not use any electronic equipment including his High

Frequency ham transceiver.
N2MBC says in his packet report that Tony has scrapped his voyage for the Philippines and selling the boat in Hawaii. Until he turned up in Hilo, boaters along the US West Coast had thought WZ7B was shipwrecked somewhere off Baja California, Mexico.

(*****
2310 MHz REALLOCATED

Word that the FCC has voted to allocate spectrum from 2310 to 2360 MHz for a new satellite digital audio radio service. This band is part of spectrum from 2300 to 2450 MHz, all of which is currently allocated to the Amateur and Amateur Satellite Services in ITU Region 2 on a secondary basis. This, with the exception of 2310 to 2390 MHz which is restricted from use by hams.
The FCC says the new audio service will allow direct satellite to ground radio to areas of the country and to minority and ethnic groups that are inadequately served by traditional, terrestrial radio.
The Commission notes that service and licensing rules for the new allocation will be addressed in a later rule making.

(*****
OFF THE AIR

Word that health and welfare station K4CG is shutting down due to federal budget cutbacks. K4CG is located in Alexandria, Virginia. It was formerly known as NMH and was the site of the Headquarters for the United States Coast Guard radio station.

(*****
BOY SCOUT NET

The Boy Scouts of America has established a new net called BSA Net International. It meets every Sunday at 20:30 UTC on 14.290 MHz. KB8OCC will act as net control.

(*****
10-10 CONVENTION

The 10-10 International net Inc. will hold its convention in Tuscaloosa, Alabama on June 16th and 17th. Information is available from K4CIH for a business size SASE or packet from K4CIH at the KD4CIF packet BBS.

(*****
IRAQ HAM CONVENTION

Also on the convention scene, Adel Aswad, YI1FC says that Iraq is planning to hold a world-wide amateur radio convention in March. He says his government wants invite all active radio amateurs around the world to attend the gathering. With Iraqi

strongman Saddam Hussein still running Iraq, it will be interesting to see who from outside that nation accepts the invitation.

(*****
AMSAT-NA JOINS WORLD-WIDE WEB

Turning to the Newsline science page, word that the amateur radio space program has a new communications tool that will eventually benefit all hams. Here is what it is and how it works. AMSAT-North America has joined the World Wide Web service on the Internet. This new pilot project will make available a variety of hypertext documents, pictures, video, and audio materials related to the amateur satellite program. Users will need a computer with an Internet connection and a special browser program. The Web presents a very friendly, easy to use interface to a wealth of information on AMSAT's new server and on thousands of other servers worldwide. Graphical browser programs such as "Mosaic" are freely available for many popular computers, including the PC running Windows or OS/2, the Macintosh, and UNIX machines using the X Window System. Text mode browser programs, such as Lynx, are freely available for text terminals attached to host computers. The project also joins the AMSAT.ORG mailing lists as a service of the Electronic Publishing department of AMSAT-NA.
More information on this World Wide Web project is available directly from Amsat North America or your local Amsat area coordinator.

(*****
TRAKBOX FIRMWARE FIX

As most active satellite Trak Box users must know by now, here is a bug in firmware versions 3.30a through 3.30h. The problem relates to the clock settings now that we are in the year 1995 and became apparent at midnight on December 31, 1994. A new code to fix the problem is available from various sources for the benefit of those users who have programming capability. The code will be posted on the KO-23 and KO-25 satellites as soon as the birds are back in normal service. Meanwhile, Track Box users can also find the new operating code in DL5 of the HAMNET Special Interest Group on Compuserve. For those Track Box users not having programming capability, Tucson Amateur Packet Radio is taking orders for new ROMs for your Trak Box. Please contact that organization for more information on any charges and availability.

(*****
DX

In DX word that Seborgia may soon be on the air again. This in a fax received by several DX newsletters from 3A2LZ who states he

has received operating permission for 1995. Look for him as IK/3A2LZ/1P0D usually on weekends operating CW and RTTY until the battery in his laptop computer runs out.
Also, DU9RG, has announced that plans are being made for a Spratley Island operation around April 10th to the 16th. The callsign that will be used is DU0K. No other information was made available as we go to air. Also a reminder that Spratly is a disputed territory and is claimed by several countries.

(*****
OMEGA RADIO MOVE

This note to those who listen to Newsline by satellite rebroadcast over the Omega Radio Network. Word that Omega radio will be moving to a new satellite and transponder in two weeks. Effective February 1st, look for programming like the Friday Night Live TVRO Show, This Week in Amateur Radio and Spectrum on the Telstar 302 communications satellite on Channel 21. Again, the change in satellites and transponders for hobby radio programming of the Omega Radio Network takes place on February 1st. Look for it on Telstar 302 on Channel 21.

(*****
A CASE OF HONOR

And finally, here is a sad tale as reported by Tony Breathmach, EI5EM over in Dublin, Ireland, which would leave a sour taste to any serious DX operator. A blatant request for a bogus QSL card for DXCC credit!
According to a packet radio dispatch from the Irish Amateur Radio Association, EI5EM says that after a recent CW QSO with a European Station on 80 meters he received a package direct to his address. A correct QSL card was enclosed for the 80 meter contact, but also included was a card for a CW QSO on 160 meters that Tony says never took place. A blank third party QSL card was also enclosed for a special event Marconi Station QSO. Also included was a note specifically requesting a QSL card for the fictitious QSO on 160 meters. The note said it was needed for 8 Band DXCC as 160 meter QSO's with EI prefix stations are particularly difficult.
But it gets worse still. EI5EM says that the operator also supplied a list of blank QSL's in addition to the special event one enclosed. Tony said it was obvious to him that these would become available if the 160 meter QSL was sent.
But we can all be very proud of EI5EM. Tony filled out only the legitimate QSL card and returned the other two cards with appropriate comments. Among the rare cards available from the operator in question were HB0, IS0, 4U1ITU, UA0, 4K1, 7X2 and numerous others.
But here is the real kicker. Tony says that printed in bold type on the rogue operators QLC card were the words "DXCC Honor

Roll".

(*****

And for this week, that's all from the Amateur Radio Newsline.
You can write to us at Post Office Box 660937 in Arcadia,
California 91066.

(* * * Newsline Copyright 1995 all rights are reserved. * * *

--
* This is the official BBS distribution of Amateur Radio Newsline *

1080. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 16:58:23 UTC
From: imotion@iu.NET
Message-ID: <199501281709.MAA09268@bb.iu.net>
Source record: 252979

dstock@hpqmdla.sqf.hp.com (David Stockton) writes:

> I recommend NOT running a negative power lead to the battery. Ground
>your radio with short, wide braid to the body nearby. If you get any
>alternator whine, fix the battery connections.

I have an alternator whine in my new Kenwood TM-24A. Both you and Kenwood recommend the same thing (grounding at the rig). Dave, what do you mean by fixing the battery connections?

Howie N2WX

1081. Re: Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 17:06:04 UTC
From: abraun@alb.med.itc.com
Message-ID: <95012861564@alb.med.itc.com>
Source record: 252980

In Article <83950124045738.0007186758PJ4EM@MCIMAIL.COM>
0007186758@mcimail.COM (Frank C. Morris) writes:

> All of the merchants have been very helpful and
> have let us advertise in their storefront windows except for the local Radio
> Shack. This is the second time we have tried to put a flyer in their
> storefront window and they have said NO!
>
> I thought this was kind of ironic since Radio Shack is the only merchant
> that directly benefits from the class since some of the students buy their
> books from Radio Shack.
>

We've had this problem with Radio Shack as well. They will not let us
advertise our exam sessions, classes etc, even though the manager of one
of our local Radio Shacks is a ham himself. Apparently there is some sort
of (misguided) company policy that is system-wide and prohibits this sort
of thing. I guess they think if they help us they'll have to help the
CBers, computer user groups etc etc and so they won't do it for anybody.
You might try the local access bulletin-board on your cable TV system to
get some wide-area publicity. We've had good luck with that...in fact
that was how I got hooked up with the local ham club to take MY first
exam. 73 - Alan NS0B

* *
* Alan Braun MD, NS0B * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

1082. General class course info

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 17:18:00 UTC
From: rtrommer@vnet.ibm.com
Message-ID: <D34LE0.299p@austin.ibm.com>
Source record: 252982

Our local club has just finished with a Novice/Tech class and would now like to provide a General class for these and other folks. What I'm looking for is a course outline of topics used in the General class (looking for theory only as someone else is handling the CW portion) and length of time for each course, I have been going over the books and wanted other opinions as to which topics could/should be combined and what has worked for your club in the General theory class. Thanks in advance and please send me E-mail directly if possible.. 73 Rick rtrommer@vnet.ibm.com

1083. Re: Beacon on 12 MHz ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 17:37:06 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <791314626snz@g4kfk.demon.co.uk>
Source record: 252983

Hi Torkel,

> On 12.823 MHz (CW) I picked up the following message earlier today...
>
> DE CTP CTP QSX 481216 MHZ AR
>
> OK, I know what it means, but does anybody know anything about "CTP" ?
> The message was repeated continously - is it a beacon of some sort?
>
> 73 de Torkel
> LAM11539

CTP is a marine radio station in Portugal. What you actually heard was
QSX 4 8 12 16 MHz AR, indicating that it was open for traffic in the
calling segments of the 4, 8, 12 and 16 MHz marine bands.

73
Mike
G4KFK

1084. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 17:47:42 UTC
From: gfiber@halcyon.com
Message-ID: <3gdvvu$4bp@news.halcyon.com>
Source record: 252984

In article <3g5t6m$ghv@mozo.cc.purdue.edu>, mconner@rain.atms.purdue.edu (Mark D. Conner) says:
>
>In article <3g4e9i$17a@VTC.TACOM.Army.Mil>,
>Sean (WX8L) <q@wx8l.tacom.army.mil> wrote:
>>Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
>>: I have often read recommendations that mobile equipment be installed with
>>: two power leads direct to the battery positive and negative terminals,
>>: and that both leads be fused near the battery.
>>
>>: I have never understood the logic of the fuse in the negative lead. It
>>: tends to presented as revealed truth. Can sometime justify it?
>>
>>Al, current flows from negative to positive, a commonly overlooked fact.
>>fusing the B+ lead protects the lead from shorting to the chassis and
>>starting a fire. The fused ground lead protects the equipment.
>
>However, if your antenna is grounded to the chassis, won't the current
>attempt to flow to ground that way if the fuse on the negative lead
>blows first? I would think that would be more damaging.
>
>It's unlikely that both fuses would blow simultaneously if a short
>occurs - fuses of the same rating have minor variations and one is
>bound to be weaker than the other.
>
>I *knew* my Larsen thru-glass antenna had an advantage - no DC
>ground path if you lose the radio's ground. :-)
>
>Someone else mentioned the possibility of the car's grounding strap
>[from battery (-) to chassis] failing, causing starter current to flow
>through the radio's grounding wire. Personally I worry more about
>meteors hitting me on the head, but a fuse of, say, 50% higher capacity
>than the B+ fuse would cure this problem and avoid the possibility of
>the ground-side fuse blowing first (unless your Big Ass(tm) amplifier
>requires 4ga wire already, they you probably *could* handle starter
>current on your rig's wiring!)
>
>--
>Mark D. Conner - N9XTN Opinions expressed here are
>Dept. of Earth & Atmospheric Sciences not necessarily those of the
>Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
>mconner@rain.atms.purdue.edu the author.

Lots of comments are quite correct. The radio manufacturers do not want to be the sole provider of a ground path for other equipment in the auto. So a fuse is placed into the ground lead. Also this has some benefit for radio's with reverse polarity protection diodes too. In my auto the battery lead is number 10 stranded wire. I have a 60 amp fuse about 5 inches from the battery connection, then I continue to use the normal radio power line fuses,at the barrier terminal strip within the passenger compartment.

Surely you can just cut the negative fuse out of the circuit, have seen one of these radio's, did not think copper on circuit boards could be blown off the glass so easily

73' Gary Fiber

1085. FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 17:56:12 UTC
From: AMSOFT@EPIX.NET
Message-ID: <NEWTNews.19038.791320464.amsoft@amsoft.epix.net>
Source record: 252985
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

A Free newsletter from AmSoft, a leader in Amateur Radio CD-ROM's is available by sending your E-Mail address to amsoft@epix.net. The newsletter contains the entire listing of the January 95 CD-ROM software library, and a one page description of the Amsoft CD-ROM. Please respond via E-Mail only.

This message is cross-posted in the rec.radio.amateur.* usenets, please do not respond to this message on the usenet. A response to this message gets cross-posted to all 7 rec.radio.amateur.* usenets automatically

Note: Recent usenet message streams regarding our newsletter has drawn some unfavorable response. For those who are offended by our decision to offer a newsletter via the Internet I am sincerely sorry they are offended. My position on Newsletters is that the end reader has a choice to receive a private newsletter by sending private E-Mail. Likewise, if a reader is offended by the offering of a private newsletter I would expect their response via Private E-mail as well. Future postings for this newsletter will only contain the top 2 paragraphs.

1086. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 18:31:31 UTC
From: scrouch@ix.netcom.com
Message-ID: <3ge2i3$9co@ixnews1.ix.netcom.com>
Source record: 252986

>Aditya
>KE6PRL.
>
>[They tell you, in case of lightning, your car is a safe place to be.
>Surely, electricity that has travelled hundreds of yards in the air
>is not going to be put off by a few inches of rubber.]
>
Nice commentary on the reasons for grounding, but responding to your
p.s.: in simple terms, I understand that lightning, being static
electricity, is a surface charge. Therefore, if you are inside the
metal body of a car, you are more or less protected. Woe unto
convertables <grin>.

--Steve

1087. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 18:47:08 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3ge3fc$i8t@gort.oit.umass.edu>
Source record: 252987

I want to thank all the people who responded (14 responses received as
I write this). Rather than quote a lot of levels of quotes, I'll
unpack two comments and add a few comments of my own:

In article <1995Jan26.133159.5317@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) writes:
> The reason for the fuse in the ground lead is so that if the strap connection
> from the battery to the frame fails (and this happens fairly often due to
> corrosion), vehicle power won't flow *through* your radio from the RF ground
> connection back to the battery.

Others mentioned this. Some said that a direct connection to the battery
negative wasn't necessary, but *if* it is used the fuse is essential,
for this reason.

On 26 Jan 95 10:41:14 EST Carl Morgan (clmorgan@miavx3.mid.muohio.edu) wrote
in rec.radio.amateur.misc:
: Presuming the ground strap to be broken (I've NEVER had one break in 40+
: years of using cars), how could you get 200A to flow thru the #16 or #14
: wire commonly used in a radio hookup?
: Even if it did, why could it "toast" the radio if the radio case and coax
: shield are both connected to ground?

I haven't ever had a ground strap break, but I've had starter problems
traced to relatively high resistance connections in the ground return
path or the negative lead to the battery so often that the first thing
I thing of trying when I have starting problems is tapping on the
battery connectors with a wrench.
I think Gary's explanation is basically correct, and although the current
wouldn't flow through the radio itself, it could very well flow
through the places where the radio chassis and antenna ground are in
contact with the chassis, possibly damaging the coax and scorching
some paint. Sure, you wouldn't get 200 amps to flow, but that might be
worse -- the current might not be enough to crank the starter and you
might end up running a smaller current through your coax braid or the
negative lead for a longer time, perhaps long enough to melt something
or make something under the hood (near the by-now-flooded carburetor)
red hot. Maybe the car wouldn't catch fire, but there would be some mess
to clean up.

Thanks to all who responded. Next time I install a mobile I will either
only ground it through the frame of the car *or* if it is high power
I will run two fused wires to the battery.

--
73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

1088. Re: Q's on 40m propo

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 18:53:48 UTC
From: scrouch@ix.netcom.com
Message-ID: <3ge3rs$9nf@ixnews1.ix.netcom.com>
Source record: 252988

Kevin, I agree with Marc. Fourty meters can be a great band. Yes propagation is a bit strange in this part of the sunspot cycle but there are still opportunities. As a Novice, my technique was to get as close to a broadcast carrier as my filters would allow and call CQ. I could always find space that way and got lots of contacts.

Given the current 40m propagation conditions though, you might consider 80m. If you stick with 40m you might try a digital audio filter. They do a great job of taking out the AM carrier whistle (heterodyne). I bought one from Radio Shack at a hamfair for $79. It may not be the most sophisticated unit but the price was right <grin>. The price is a bit higher in the stores now but still cheap.

Have fun!

Steve, NO7V

1089. Storno 5662S info wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 18:55:10 UTC
From: thowat@xargle.demon.co.uk
Message-ID: <19950128.185510.86@xargle.demon.co.uk>
Source record: 252998
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

My father is looking for any information, circuit diagrams, conversion details, tech ref manuals etc. on the Storno 5662S 70cms PMR rig. Can anyone help?

Tony.

------------/\/----------------------------/\/----------------------------
Tony Howat : thowat@xargle.demon.co.uk : Southport, Merseyside U.K.
------------/\/----------------------------/\/----------------------------

There are very few personal problems which can't be solved by a suitable application of high explosives
---

1090. Re: Beacon on 12 MHz ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 19:23:07 UTC
From: tim@timk.demon.co.uk
Message-ID: <791320987snz@timk.demon.co.uk>
Source record: 252989

In article <eoz9lurTR2oJ065yn@powertech>
torkelj@powertech.no "Torkel Jodalen" writes:

>
> On 12.823 MHz (CW) I picked up the following message earlier today...
>
> DE CTP CTP QSX 481216 MHZ AR
>
> OK, I know what it means, but does anybody know anything about "CTP" ?
> The message was repeated continously - is it a beacon of some sort?

Sounds like a Portuguese coast station to me ! The callsigns conform to the
same ITU allocations as amateur ones, so it's generally easy to work out
where they are coming from. Bear in mind though, that you will hear some
prefixes used in the marine bands that are not used in the amateur service,
like M which is used by the UK.

--
Tim Kirby tim@timk.demon.co.uk
G4VXE@GB7GLO

1091. RAC SPECIAL NEWS BULLETIN 02A-95 AMENDED INTERNET EDITION

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 19:24:41 UTC
From: Steve Cutway VE3GRS <CUTWAYS@QUCDN.QUEENSU.CA>
Message-ID: <199501281944.MAA18380@news.primenet.com>
Source record: 252990
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Hi all:

Here's an amended version of RAC SPECIAL NEWS BULLETIN 02-95 that I sent you last Monday. The title of that bulletin was incorrectly given as "EMCAB-2 PUT ON HOLD". The correct title, as shown below, should have been "EMCAB-2 APPLICATION PUT ON HOLD

What's in a word? Quite a lot! Jim Dean VE3IQ, RAC Vice-President Government Affairs, points out that EMCAB-2 is still alive and out there, but IC has agreed not to apply it to interference cases until they get their procedures developed, the measuring equipment bought, etc. He adds that maybe that will never happen, but we have to keep up the fight to have EMCAB-2 withdrawn.

73,

Steve VE3GRS

SB RAC @ CANADA < VA3RAC $RAC_9501.28
RAC SPECIAL NEWS BULLETIN 02A-95 AMENDED INTERNET EDITION
28 JANUARY 1995
Issued at RAC Administrative Office
614 nNorris Court, Unit 6
Kingston, ON K7P 2R9
Editor: Cam Inglis VE3UXN <CAMERON.INGLIS@GTM-INC.COM>
Internet Transmission: Steve Cutway VE3GRS <CUTWAYS@QUCDN.QUEENSU.CA>

EMCAB-2 APPLICATION PUT ON HOLD

The President of RAC, Farrell Hopwood, VE7RD, is pleased to announce that following consultations with RAC, officials at Industry Canada have placed the application of EMCAB-2 on hold until further notice.

At a meeting on 25 November, 1994, with Mr. Michael Binder, Assistant Deputy Minister (Spectrum, Information Technologies and Telecommunications), RAC Executive members Jim Dean, VE3IQ, and Ken Pulfer, VE3PU, again voiced opposition to EMCAB-2, Issue 1, and expressed particular concern that the document had been released before completion of the development of measurement procedures, acquisition of measuring equipment and preparation of guidance to field offices on the application of EMCAB-2.

Mr. Mike Connolly, Director, Spectrum Management Operations, noted that EMCAB-2 was intended to be an instrument for use as a last resort in resolving interference problems, but acknowledged RAC's concerns that under the circumstances there was potential for premature and improper application. RAC

has been advised that instructions were issued to Industry Canada's Regional Offices in mid-December that use of EMCAB-2 is to be put on hold until further notice.

RAC will continue to press for the withdrawal of EMCAB-2, Issue 1. In the meantime, radio amateurs should report any application of EMCAB-2 to interference problems to RAC's Vice-President of Government Affairs, James Dean, VE3IQ.

73 de VA3RAC Steve VE3GRS at the keyboard <CUTWAYS@QUCDN.QUEENSU.CA>

1092. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 19:34:54 UTC
From: bob@texas.net
Message-ID: <3ge68u$gqi@empire.texas.net>
Source record: 252991
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <NEWTNews.19038.791320464.amsoft@amsoft.epix.net>, AMSOFT@EPIX.NET says:

/\/\/\/\/\/\ Chainsaw Inserted Here /\/\/\/\/\/\/\/\/\/\/\

>Note: Recent usenet message streams regarding our newsletter has drawn some
>unfavorable response. For those who are offended by our decision to offer a
>newsletter via the Internet I am sincerely sorry they are offended.
>My position on Newsletters is that the end reader has a choice to receive a
>private newsletter by sending private E-Mail. Likewise, if a reader is
>offended by the offering of a private newsletter I would expect their response
>via Private E-mail as well. Future postings for this newsletter will only
>contain the top 2 paragraphs.
>

This is an offer for a private newsletter which is an advertisement, right?
An offer to subscribe to advertising is, IMHO, an advertisement in its
own right. The real crux here is the motive behind your postings--it's to
market a product, plain and simple. As far as responding via private e-mail,
well, I hope that my postings will prompt others to complain about what you
are trying to do here. If we let you get started, then we may as well open
the floodgates net-wide. Wouldn't that be a pretty sight--junk e-mail by
the megabyte...

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

1093. Training Software Wanted: Novice & Tech

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 19:56:32 UTC
From: ALLN53A@prodigy.com
Message-ID: <3ge7hg$t2a@usenetw1.news.prodigy.com>
Source record: 252994

I have heard that there is software that would help me prepare for the
no-code Novice and Technician exams. Is this software available to
download anywhere?
Please send e-mail if you know where I could get this program.

1094. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 20:01:03 UTC
From: Tony_Pelliccio@brown.edu
Message-ID: <Tony_Pelliccio-280195150302@cis-ts5-slip9.cis.brown.edu>
Source record: 252992

In article <Steve.Hideg.1-2501952156200001@hideg.cc.nd.edu>,
Steve.Hideg.1@nd.edu (Steve Hideg) wrote:

>
> Isn't country singer Patty Loveless a ham, too?
>
> Anyone know her callsign?
>

Just telnet to cs.buffao.edu:2000 and use NAME Loveless -f Patricia
(The -f switch could also be Patty, etc.)

--
== Tony Pelliccio, KD1NR, VE ARRL/W5YI Tel. (401) 863-1880
== Box 1908, Providence, RI 02912 Fax. (401) 863-2269

1095. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 20:06:57 UTC
From: Tony_Pelliccio@brown.edu
Message-ID: <Tony_Pelliccio-280195150520@cis-ts5-slip9.cis.brown.edu>
Source record: 252993

In article <sassano-2501952317090001@pt4.nwtn.pcnet.com>, sassano@pcnet.com (Felix G. Sassano, M.D.) wrote:

> In article <3ftssn$qnf@yrkpa.kias.com>, jlamar@yrkpa.kias.com (John
> LaMartina) wrote:
>
> > Jonathan Schulman (js024b@uhura.cc.rochester.edu) wrote:
> > : DMV so I can't use them. Does anybody have any ideas how I can get my
> > : call sign on my new car? Would the DMV issue the same plates if one is
> > : a Ham plate and one is a vanity plate? The state in question in NY.
> In the State of Connecticut, amateur plates are NOT vanity plates and
> there is NO CHARGE for the plate...jjust show the DMV person your ticket
> and fill out a form. The plates in Connecticut are unique from others
> here in that they have a "spark gap"...(looks like a small lightening
> bolt) between the letters.

There's also no charge for a ham plate in Rhode Island. But there is one interesting thing about it. A ham plate in RI is what's known to the DMV as a type 18, regular and vanity plates are type 01's. Police departments here don't know the difference. One night a friend of mine was sick and parked his truck left wheels to the curb in front of his home. At 2AM he was awakened by a police officer wanting to know who's vehicle it was and why nothing came back when he called in the registration. Seems the dispatcher on the other end keyed the plate in as a type 01.

As another example of the ineptitude of the Providence Police Department I'll tell you about the friend who's car gets regular parking tickets but never a summons to appear for outstanding tickets. Why? The meter molly writes the one on his plate as an I (Ie. KD1NR becomes KDINR).

Of course this is typical in Rhode Island.

--
== Tony Pelliccio, KD1NR, VE ARRL/W5YI Tel. (401) 863-1880
== Box 1908, Providence, RI 02912 Fax. (401) 863-2269

1096. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 20:57:00 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <791326620snz@g4kfk.demon.co.uk>
Source record: 252995
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

> "England's not a bad country ... it's just a mean, cold, ugly, divided,
> tired, clapped out, post-imperial, post-industrial slag-heap covered in
> polystyrene hamburger cartons." -- Margaret Drabble.

You must work at Anzani House - nobody else could be that cynical!

1097. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 22:57:52 UTC
From: djmullen@facstaff.wisc.edu
Message-ID: <3gei5g$9os@news.doit.wisc.edu>
Source record: 252996
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

I recently posted a reply to the AMSOFT spam telling them that
instead of asking for a copy of their thinly disguised advertisement
for their CD-ROM, I was sending a copy of their message to their
system administrator.

I sent that message to all the newsgroups AMsoft spammed because most
everywhere their original message went, there are people talking about
burying the instigators under a deluge of email. This will clog the
network and may well cause the people doing it to lose their access.

As I said in the message, the thing to do is to send a message
to their system administrator, which I did, with a copy to AMSOFT.
(The ALL CAPS warning not to send me their ad was to prevent them
from sending me more of their junk mail because of that copy.)

I presume that most people already know this, but a cursory review of the
responses to their luncheon meat attack shows that a lot of people don't.

To repeat (and clarify), the proper response to any kind of spamming
and especially to a _commercial_ spam is to send a copy of the
message to the miscreant's system administrator along with a note
describing the problems they're causing. This is almost always
effective, whereas a reply to the newsgroup just wastes bandwidth and
an email attack will just get the sender in trouble.

Dave Mullenix, N9LTD

1098. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-28 23:38:19 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D352zv.EwC@news.hawaii.edu>
Source record: 252997

Les Scofield, still trying to sell his product, writes:

>If someone places and ad in the NY Times and then someone in Hawaii
>reads the ad in the paper Hawaii could not hold either the NY Times nor
>the one who placed the ad, responsible.
>The reader would be the one held responsible to comply with the laws of
>the state of Hawaii.

>I am sure the internet newsgroups would be treated the same as national
>newspapers and TV, radio networks as to advertising.
>If I advertise Pepperguns on RUSH's radio and/or TV shows and someone in
>Hawaii listened to or saw RUSH's show, could Hawaii take action against
>TUSH or the individual who placed the ad? I think NOT.

Don't be so quick to make legal statements, Les. A disclaimer has
to accompany the ad saying something to the effect ``Not legal to
sell or possess in the following states: ...'' Have you checked
which states prohibit sales of your pepper spray? No? Oops...

Jeff NH6IL

1099. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:03:42 UTC
From: twise@shell.portal.com
Message-ID: <3gem0u$n0n@jobe.shell.portal.com>
Source record: 252999

morawski@starbase.azrael.mitre.org (Paul Morawski) writes:
>73 is a "numbered radiogram". It is a shortcut used when passing message
>traffic to abbreviate certain stereotypical phrases. For example,
>73 = best regards,
>88 = love & kisses,
>61 = merry Christmas (if memory serves me)
>Look in the back of any ARRL logbook for a complete listing. I would guess
>there are 40 or 50 numbered radiograms there.

>Paul Morawski, AA3DD
>morawski@ai.mitre.org

Paul is, of course, correct, but as a side note, many people say "73's"
which is incorrect. The translation of "73's" would be "best regards's",
which sounds dumber than "What's your handle?".

Not many people care, but just an item of note.

Travis KB8FOU
--

Travis A. Wise
twise@sparta.sjsu.edu
<A href="http://www.portal.com/~twise/">My home page.</A>

1100. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:05:29 UTC
From: lbotkin@delphi.com
Message-ID: <9501281905591.The_Win-D.lbotkin@delphi.com>
Source record: 253000

In article <3fm82t$fb1@news.CCIT.Arizona.EDU>, hlester@nemo.as.arizona.edu (Howard Lester) writes: > In article <m0rTg2s-0007KLC@minnie.iaccess.za> sherdev@iaccess.ZA (Tony Campbell >) writes:

> >I am considering purchasing a R-7 vertical antenna and would be grateful for
> >any feedback
>
> If you don't install ferrite beads on the coax line, your chances for (RF)
> feedback are greatly enhanced! NOT something to be grateful for!
>
> :)
>
> Howard Lester
>

Could you offer some explanation for the ferrite bead comment. I don't believe I have ever heard of this. (Which really doesn't mean much!!) Really I am very curious about this.

Larry Botkin NV9D

1101. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:10:01 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D354Gp.GBz@news.hawaii.edu>
Source record: 253026
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Why are you cross posting this to so many groups, Glenn?
I've taken Dana's suggestion and directed this to rec.radio.policy.

critter@wizvax.wizvax.com (Glenn C. Lasher Jr.) writes:

>Jeffrey Herman <jeffrey@math.hawaii.edu> wrote with respect to
>the Part 97 wording ``...when normal communication systems are
>not available.'':

>>So before you use your HT out-of-band to call for help you'd better
>>make sure none of the following are nearby: pay phone, cellular phone,
>>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>>someone within shouting distance who could summon further help,
>>signalling mirror to signal an overhead airplane. Otherwise, no
>>fair grumbling if your HT gets taken away and you receive a NAL.

>1: If you read the original post, you would have known that there were
>no ham repeaters in reach.

Do you mean the original post from two years ago? Yes I read it and
I recall there was an FCC official present when the ham was given
the option of donating his radio or face charges. But that event
is on a distant vertex to the present discussion. Currently we're
analysing Part 97 regarding the issue overall. The `>>' quoted
above is my interpretation of what ``...normal communication
systems are not available'' means. I'm just trying to prevent
someone from having to go to court to justify their out-of-
band transmission.

>2: If you had read the original post, you would have known that the HT
>was confiscated by the sherriff's office, which has no legal authority
>to do so.

See the above. Also note that an FCC official was present, and that
there is only one r in sheriff.

>3: Do you know for a fact that this ham was carrying a cell phone? If
>he was not (I don't know if he was either) then the cell site would be a
>moot point, since HT's dont work with cell sites.

We're discussing this in the abstract, not with respect to a particular
event. Did you just start reading this? Which newsgroup are you on?
Come join us over on rec.radio.amateur.misc, for you must be on one
of the cross-posted groups that just picked up this topic.

>4: There is a good chance that even if the ham was carry a cell phone,
>it would have been as useless as the ham band, if not more so. The
>sherriff's office had arranged full coverage of the are by their repeater
>out of necessity. Both ham repeaters and cell phones are luxury items,
>so maybe not as much effort was made to get the coverage. Cell sites are
>purposely short-ranged anyway.

Again, we're not discussing a particular event. It sounds to me that
you're trying to justify transmitting out-of-band; remember, first
check to see that ``...normal communication systems are not
available.''

>I await your reply.

If you had carefully read what I wrote in the context of the discussion
you wouldn't have to waste your weekend awaiting my reply!

73 from beautiful Hawaii,
Jeff NH6IL

1102. Exams offered in the LA area

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:24:50 UTC
From: berland@ix.netcom.com
Message-ID: <3gen8i$j2s@ixnews3.ix.netcom.com>
Source record: 253001

Anybody knows if there is a listing available with test dates and sites in the LA area (Culver City, Westood, Santa Monica, Century City, Marina Del Ray, etc.)

1103. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:36:15 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D355oF.HFp@news.hawaii.edu>
Source record: 253002

jangus@skyld.grendel.com (Jeffrey D. Angus) writes:

>In article <3g1vkf$9pm@newsbf02.news.aol.com> horrock@aol.com writes:

> > I hate to ask this...but...I missed what freq K1MAN uses.
> > Would someone please E-mail me the freq?
> > I plan to use him as a 75 meter beacon!
> >
> > Regards.

> Congratulations. You've just indicated that you will partake in willfull
> and malicious interferance. Any other helpful bits you'd like to contribute
> to the hobby?

Hi Jeff: What were you thinking when you wrote this? We all use
beacons to check propagation conditions, or for navigation. Nothing
illegal about that.

Also, use care with regard to the h-word. Some folks on here don't
consider our hobby to be a hobby - they'll say that word doesn't appear
anywhere in Part 97 (neither does `ham'), yet I always hear private pilots
refering to flying as a `sport'; the FAA regs don't mention the word
`sport'.

>"1935 will go down in history. For the first time, a civilized nation has
>full gun registration. Our streets will be safer, our police more efficient,
>and the world will follow our lead into the future." - Adolf Hitler

That quote is from a different time, in a different context, with
different people on the streets than today. Hitler also believed
in dental hygiene - does that mean brushing one's teeth is to be
avoided so as not to appear to be in like mind with him?

Jeff NH6IL

1104. 1995 Field Day date ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:41:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.22507.7585.0NFB8FB9@woodybbs.com>
Source record: 253003

ME>When's Field Day this year (1995)? .

ME> June-sometime, what days?

It's usually the last full weekend in June... thus, it (should) be
June 24-25, 1995.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1105. need words for abbrev N1UAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:45:54 UTC
From: techman@ace.com
Message-ID: <1992.UUL1.3#25274@ace.com>
Source record: 253004

need words for the UAN part of the call thanks in advance looking
forward to some good ones
73 BOB N1UAN

1106. I am looking for STUDS!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:46:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.22508.7585.0NFB8FBA@woodybbs.com>
Source record: 253005

HY>I am looking for 4mm metric studs for my Kenwood TS-50S and AT-50.
>I use these mobile, exclusively, and am slowly wearing out the
>ground-screw threads on the back of the chassis. I live in Glendora,
>CA and have searched Southern California hardware stores unsuccessfully.

HY>My plan is to thread them into the back of the rigs and leave them there.
>No more wear and tear on the female threads. Then, I can slip my ground
>straps

I don't understand why, if the rigs are used EXCLUSIVELY mobile, you
would need to cycle the ground screw threads more than once... to
perform the initial installation.

If you install/remove the rigs every time you leave the vehicle
unattended, then why don't you get some mating, single-conductor
plugs and attach a short length of wire to one and permanently attach it
to the rig with the other connector permanently attached to the rest of
the groung strap. Then, just plug/unplug as required.

Obviously, this won't answer your original question... sorry.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1107. Ni-Cd "memory effect" --

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 00:52:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.22509.7585.0NFB8FBB@woodybbs.com>
Source record: 253006

ST>I have a Yaesu FT-411E HT which is having a problem with the new
>battery pack I recently purchased. From a full charge, the radio
>only operates for a fairly short time (way too short) before running
>out of power. I'm suspecting this may be the "memory effect" Ni-Cd
>batteries can have, if they are not allowed to drain empty before
>recharging.

How 'new' is the battery pack? And how many times has it been charged?
Usually memory effect only develops after extended use... that's why
it's called memory.

It might be that you are not providing charge time adequate enough to
fully charge the battery pack in the first place. Especially if it's an
extended run battery pack (e.g. 1500mA instead of the normal 700Ma
pack). Extended run packs require substantially longer to charge...
generally 2 to 2.5 times longer, depending upon the current rating.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1108. Re: STSplus,sat freqs?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 01:10:03 UTC
From: jimn2ete@aol.com
Message-ID: <3geptb$5se@newsbf02.news.aol.com>
Source record: 253007

There is a BBS supported by the author of the STSPLUS in Rancho Palos Verdes, CA. That number should be on that program which you have. All you have to do is register as a new user on that program, and you have some download privileges. He also has the latest kep data on this system. If you
don't have the number, e-mail me again and I'll give it to you.

Jim N2ETE

1109. Re: HELP!, Please w/Tuning Dual-Band Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 01:15:04 UTC
From: jimn2ete@aol.com
Message-ID: <3geq6o$5ud@newsbf02.news.aol.com>
Source record: 253008

I know how you feel!! The only drawback of dual band antennas, is that whatever
is gained on one band is lost on the other. That is why you have to comprimise
and try to adjust accordingly. I still stick with monoband antennas and place a
duplexer along the feedline if you have a dual band radio. The price had no
unaffordable bearing. Make sure though you have an SWR meter that can handle
both of your frequency ranges.

1110. Field Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 02:34:42 UTC
From: kirkekirk@aol.com
Message-ID: <3geus2$6q8@newsbf02.news.aol.com>
Source record: 253009

Anyone op FD from Mt. Mitchell, NC. Thinking about a qrp effort from there this year.

Kirk
AA4YZ/8
Canton, Oh

1111. Re: "no-code" bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 02:53:35 UTC
From: loadshed@aol.com
Message-ID: <3gevvf$70j@newsbf02.news.aol.com>
Source record: 253010

And from what I have heard, so is the FCC. Isn't that the FEDERAL
organization
that you HAMS bow to every day????!!!!

1112. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 03:10:47 UTC
From: livesey@solntze.engr.sgi.com
Message-ID: <3gf0vn$bqu@fido.asd.sgi.com>
Source record: 253011
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <791326620snz@g4kfk.demon.co.uk>, Mike@g4kfk.demon.co.uk (Mike Gathergood) writes:
|>
|> > "England's not a bad country ... it's just a mean, cold, ugly, divided,
|> > tired, clapped out, post-imperial, post-industrial slag-heap covered in
|> > polystyrene hamburger cartons." -- Margaret Drabble.
|>
|> You must work at Anzani House - nobody else could be that cynical!

There's a lot of money to be made being cynical for a living
in the UK. It's also an easy way to feign wisdom.

jon.

1113. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 03:20:06 UTC
From: richwood@commspec.com
Message-ID: <7740-198378402@commspec.com>
Source record: 253012

IJ>>>WHAT IS C W

IJ>>It is, for some people, a religion.

IJ>It is the only mode requiring some level of acquired mental skill.

Jeff,
It would be much more accurate to say it's ONE mode requiring some level of mental skill. For a QSO to be interesting, any mode requires mental skill. I'd bet RTTY operators would insist their mode requires a certain level of skill, as would satellite operators and microwave folks.

Actually, CW requires quite a low level of skill. After all, we're always told even young kids can learn it.

Rich
KF2JO
richwood@commspec.com

1114. CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 03:20:06 UTC
From: richwood@commspec.com
Message-ID: <7740-198375901@commspec.com>
Source record: 253013

IF>WHAT IS C W

IF>* It involves no accent or pronunciation problems,therefore providing a
IF>widely understood international language.

It isn't a language. If I send CW in French and the receiver doesn't
understand French, nothing is communicated. A "W" will always be a "W"
but it's still important how I string the letters together. CW won't
help that.

How do you send CW in Japanese, Chinese, Hebrew, or Arabic?

Rich
KF2JO
richwood@commspec.com

1115. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 03:20:07 UTC
From: richwood@commspec.com
Message-ID: <7740-198373704@commspec.com>
Source record: 253014

>It is unlawful to advertise and import pepper spray in the state
>of Hawaii. So this begs the question: Does advertising on Usenet
>constitute advertising in the state in which the ad is read? We'll
>soon see since I've forwarded a copy of KE4IKT's ad to the Hawaii
>State Attorney General's office. This just might be a historical
>Internet ruling! Stay tuned.

>Jeff NH6IL

IM>Oh good! Just what we need is more regulations! Way to go, Jeff!

Gary,
Not to worry. The Hawaii State Attorney General will have a good
laugh. Something else to add to their collection of wackos.

Rich
KF2JO
richwood@commspec.com

1116. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 03:20:07 UTC
From: richwood@commspec.com
Message-ID: <7740-198371203@commspec.com>
Source record: 253015

IL>If I advertise Pepperguns on RUSH's radio and/or TV shows and someone
IL>in Hawaii listened to or saw RUSH's show, could Hawaii take action
IL>against TUSH or the individual who placed the ad? I think NOT.

Now there's a Freudian slip if there ever was one!

Rich
KF2JO
richwood@commspec.com

1117. Re: QCWA

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 03:37:22 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3gf2hi$jq6@ixnews1.ix.netcom.com>
Source record: 253016

In <3gbp8v$24s@newsbf02.news.aol.com> russelltj@aol.com (Russell TJ) writes:

>Interested in joining QCWA. I live in newport RI...any info appreciated.
>Tnx Russ (nz2d)

From "World Radio", February 1995, page 37:
Quarter Century Wireless Association
For information write:
159 East 16th Ave.
Eugene OR 97401-4017

"World Radio" has a monthly QCWA column written by John G. Troster, W6ISQ.

Arthur, N1NHZ, Boston (MA) Amateur Radio Club, 73

1118. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 06:47:35 UTC
From: Hans Brakob <71111.260@CompuServe.COM>
Message-ID: <3gfdm7$3c7$2@mhade.production.compuserve.com>
Source record: 253017

The ARRL retains the service of a "clipping service" which clips articles from papers across the country which contain amateur radio as subject matter. This also includes "letters to the editor".

The VAST majority of these articles are favorable. Those items which are not favorable are usually letters related to "ugly towers", RFI, or similar issues.

--
Hans Brakob, K0HB | EX-KG6AQI, WA0PQF, WB9DLL
| WB4GXH, WB0WFF
| 73 from Minnesota

1119. HAM-server Information

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 07:15:04 UTC
From: HAMSinfo@GRAFex.sbay.org
Message-ID: <gate.TN0NZc1w165w@GRAFex.sbay.org>
Source record: 253018
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Distribution: world
Subject: HAM-server information

HAM-server was devised to allow people without direct internet access a way
to get amateur radio related programs and other information. It is not
directly on the internet, so ftp and telnet is not available.

Most of the files on HAM-server are available via ftp from the various sites
around the world that archive them. That's where I got most of them.

In addition to DOS files, there are some Mac,Linux, and OS/2 files available.
I'm always on the look out for more (particularly Mac, Linux, OS/2).
See below.

General Information:
====================

There is a daily limit of ALL requests of 3-megs. There is an individual
limit of 1.2-megs. If there are a series of files you want to order,
stretch them out over a few days, rather than ordering all at once.
That way, you are almost assured of getting them all, and you won't be
blocking others from getting their orders filled.

ASCII (text) files are split at about 59,000 bytes. UUENCODED binary files
are split at about 750 lines.

A new INDEX is automatically generated every Sunday.

Ordering Information:
====================

Send an email to:

HAM-server@GRAFex.sbay.org

In the text of the message, place:

HELP
GET /hamradio/INDEX.TXT
QUIT

HELP will send you the HAM-server HELP file. This is processed immediately
for return delivery.

o DOS

If you are using a PC and you do not have UUDECODE, order
UUDECODE.BAS or UUDECODE.C and UUEXE525.EXE. Compile on your

system then uudecode UUEXE525.EXE. This is a self-extracting archive of UUENCODE and UUDECODE, with documentation. This will work for DOS and OS/2.

o OS/2

I highly reccomend UNZ512X2.EXE. This is InfoZip's ZIP and UNZIP (plus other stuff). Will dearchive PKUNZIPped files, as well as UNIX zipped files.

o Macintosh

Most Mac programs are stored in binhex (.HQX). You will need a utility, such as StuffIt to decode. There are also UUDECODErs and other de-archivers available. See the index for /hamradio/macstuff/utility.

o Linux

Use UNZIP.

Some Reasons Why Ordered Files Are Not Received:
==========

1. Your return path is incorrect. My bounce mailbox fills up quite regularly with messages. And, since the path is incorrect, I cannot contact you to let you know.

2. You have spelled the file name incorrectly.

3. The file name has changed since the INDEX was generated. Order a new INDEX.

4. You sent your order to me personally or in reply to this post. Orders are only honored when sent to HAM-server@grafex.sbay.org. That's the way the software works.

Try the PING command to check that the path is open.

YOUR HELP IS NEEDED:
==========

If you have a program you would like placed on HAM-server, you can email it uuencoded (DOS, Linux, and OS/2) or binhexed (Mac) to incoming@grafex.sbay.org. This email address is set up to flag me that there is something new that I need to take care of quickly.

73 de KA6ETB

--EOF

1120. AMSOFT-commercializing the net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 07:25:06 UTC
From: bob@texas.net
Message-ID: <3gffsi$4o@empire.texas.net>
Source record: 253019

Hi;
I recieved this lovely little note from Pete deVolpi at amsoft. You read it and decide if this looks like a noncommercial entity publishing a noncommercial newsletter, or a business advertising on the 'net. Pete says it clearly--he thinks I'm attempting to restrain amsoft from doing trade!! Would he think or say something like that if he *WASN'T* doing trade???! You decide. I guess all further criticism of these guys best be done thru the offshore anon servers.... Imagine a thousand corporations just like this one, puking terabytes of commercial ads into the net. It'd be tough just to find the real traffic through the junk mail.

[recieved from amsoft@epix.net]

Date: Sat, 28 Jan 95 15:40:14 PST
From: Pete deVolpi <amsoft@epix.net>
Subject: RE: Complaint re: AMSOFT
To: Bob Scott <bob@texas.net>
Cc: postmaster@epix.net
X-UIDL: 791360215.000

>X-Sender: bob@texas.net
>X-Mailer: Windows Eudora Version 1.4.4
>Mime-Version: 1.0
>Content-Type: text/plain; charset="us-ascii"
>Date: Sat, 28 Jan 1995 13:50:18 -0600
>To: postmaster@epix.net
>From: bob@texas.net (Bob Scott)
>Subject: Complaint re: AMSOFT
>Cc: amsoft@epix.net
>X-UIDL: 791325571.001
>
>Hi;
> One of your users (AMSOFT) is posting offers for a "FREE HAM NEWSLETTER"
>on the rec.radio.amateur.* usenet groups that, in my opinion, constitute
>thinly veiled attempts to electronically market their CD-ROM product. I ask
>you to look into this and decide for yourselves if you wish to see several
>thousand businesses conducting themselves this way over the net in a year or
>two. I believe that if we [specifically you] allow this sort of
>comercialization of the internet, we will see many of the providers net-wide
>pull their resources away from the net community. Please put a stop to it.
>Thank you
>

The above paragraph borders on liabel based on your attempt to restrain AmSoft from doing trade. Unless you clearly know the LAW in this situation, I urge you contact you attorney. You should cease your conduct IMMEDIATLY!

(plus contents of a previous letter from bob@texas.net)

>I, for one, do not wish to see the internet become a medium which
>presents a non-hostile environment for those who wish to use it to
>spew forth electronic junk mail. Many other would-be advertisers
>have had their mailers crashed by angry replies to such electronic
>fecal matter. I wish the same on the hoseheads at AMSOFT.

BOB, your suggestion that persons should be asked to CRASH our MAILER
WITH ELECTRONIC FECAL MATTER will be met with a strong challenge here!

I would like to introduce you to my friend, K3RF. Robert Famiglio, Esq.
With the firm of Famiglio & Massinger, in Media, PA. Robert used to be
counsel to the ARRL and has 27 years of law practice. He has been our
company attorney for the last 3 years. And has represented AmSoft on both
copyright and cival litigation. I would hope that you have good sense and
can conduct yourself as a gentleman on the Internet. I hope this does not
require any further intervention.

I suggest you heed the warning I have given you and cease any further
harassment of employees of AmSoft and amsoft@epix.net.

Send E-mail to: amsoft@epix.net ,(Pete deVolpi, KC3TL)
Publisher of "The World of Ham Radio" Callsign CD-ROM
01/28/95 AD, 15:40:14 EST, Hams do it with frequency!

[end quote]

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

1121. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 07:45:26 UTC
From: barry@perth.DIALix.oz.au
Message-ID: <3gfh2m$gd0$1@perth.DIALix.oz.au>
Source record: 253020
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

: (bunch of stuff deleted)

Actually should be 2-metre

1122. Re: "no-code" bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 08:30:09 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3gfjmh$qse@ixnews2.ix.netcom.com>
Source record: 253021

In <3gevvf$70j@newsbf02.news.aol.com> loadshed@aol.com (Loadshed) writes:

>
>And from what I have heard, so is the FCC. Isn't that the FEDERAL
>organization
>that you HAMS bow to every day????!!!!
>
Well, depending on your license class you may be allowed to grovel or kowtow. The regulations change every few years -- for example, prostrating was required until 1991.

Mike, KK6GM

1123. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 08:34:07 UTC
From: rdonnell@eskimo.com
Message-ID: <$BrAlWml1WV9078yn@eskimo.com>
Source record: 253022

In article <1995Jan26.103407.1@miavx3>,
clmorgan@miavx3.mid.muohio.edu (Carl Morgan) wrote:
> In article <3g4e9i$17a@VTC.TACOM.Army.Mil>, q@wx8l.tacom.army.mil (Sean (WX8L)) writes:
> > Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
> > : I have often read recommendations that mobile equipment be installed with
> > : two power leads direct to the battery positive and negative terminals,
> > : and that both leads be fused near the battery.
> >
> > : I have never understood the logic of the fuse in the negative lead. It
> > : tends to presented as revealed truth. Can sometime justify it?
> >
> > Al, current flows from negative to positive, a commonly overlooked fact.
> > fusing the B+ lead protects the lead from shorting to the chassis and
> > starting a fire. The fused ground lead protects the equipment.
> >
> > : 73, Al N1AW
> >
> > --
> > Sean McCarthy q@wx8l.tacom.army.mil
>
>
> I, too, fail to see how the negative lead fuse, in a negative-ground
> vehicle is of any use. It certainly doesn't protect equipment inasmuch
> as it is bypassed by the metallic car body, coax shield, and mounting
> screws.
>
> Followup?
> ^^^^^^^^

Yep!

Most cars that I know of have the engine/transmission assembly mounted
via rubber mounts. Therefore if the engine to frame ground strap is not
present, or represents a relativly high resistance to the flow of the
high current of the starter, or even the more moderate current output
that the alternator is capable of, the wiring to your X hundred dollar
radio, or the throttle or clutch cable may all of a sudden be the best
connection between the engine and the vehicle frame.

As Gary mentioned, usually the negative power connection in the radio
goes to a PC board trace, and only from there will it find its way to
the coax connector or chassis ground. I know this is true in the
commercial two-way radios I perform production alignment and test on.

If neither the radio or antenna are grounded, you're probably safe.
Personally, when possible I like a nice, secure, low resistance
connection from the antenna to its surrounding ground plane.
For some reason it yeilds above-average antenna performance.

The fuse in the negative lead is very cheap insurance against a mishap
that burns up >my< radio.

73, and hope your radio lasts through the next vehicular electrical mishap.

Bob, KD7NM

--

| Bob Donnell, KD7NM bob@ethanac.kd7nm.ampr.org rdonnell@eskimo.com |
| Western Washington Amateur IP Address Coordinator (206) 775-3651 |

1124. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 08:35:32 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3gfk0k$vlq@blue.weeg.uiowa.edu>
Source record: 253023

little@iamu.chi.dec.com (Todd Little) writes:

>|>The black lead to your radio is the negative lead. It is parallel
>|>to the mounting bracket and coax shield.

>And becomes the return path to the battery if the connection from the
>battery to the chassis is broken and the connection from your radio's
>power lead is still attached to the battery terminal. Now instead
>of the current flowing from the chassis to the grand strap to the
>battery terminal, it flows from the chassis, through whatever
>part of your radio system is grounded, i.e. antenna coax, mounting
>bracket, etc., and then finally through the power lead of your radio
>to the battery terminal.

And then the fuse in the power lead opens.

NE0R

1125. Special Event Station in the works! finger ki7zd@halcyon.com

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 09:09:35 UTC
From: ki7zd@coho.halcyon.com
Message-ID: <3gfm0f$oe7@news.halcyon.com>
Source record: 253024

FOr info on a special event station in the works:

finger ki7zd@halcyon.com

We need some extra operators in the area. Finger the above for details
and stay tuned.

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

1126. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 09:11:45 UTC
From: ki7zd@coho.halcyon.com
Message-ID: <3gfm4h$oio@news.halcyon.com>
Source record: 253025

I enjoy my call on CW. Thats the only reason I kept it when I upgraded.
I really dislike saying. And hearing "ki7vd? go ahead!"

KI7ZD

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

1127. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 13:56:00 UTC
From: donald.davis@moondog.com
Message-ID: <8A28218.04B30018C2.uuout@moondog.com>
Source record: 253027

CA>I heard from a ham friend that Bernard Goetz (the guy that attacked
CA>the group of thugs on a New York subway because they tried to rob
CA>him) is/was a ham. I haven't checked on this myself, however.

Yes he's a ham, if he didn't let his license lapse. BTW, he was
defending himself, not attacking.

* CMPQwk 1.42-18 9206 *

1128. Re: HELP-Baycom & Windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 15:33:12 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3ggcfo$sg1@gort.oit.umass.edu>
Source record: 252828

On 25 Jan 1995 23:24:48 GMT Jim Devenport (jdevenport@lanl.gov) wrote in rec.radio.amateur.misc:
: I have tried unsuccessfully, repeatedly, to get BAYCOM 1.5 to run from
: a Windows icon. The serial port interrupts seem to be the problem. It
...
: Is there a way to make it work under Windows?

Baycom uses some low level features of the computer very hard, in order to decode synchronous serial data that the PC hardware wasn't built to handle. Normal asynchronous serial I/O operations are handled by hardware that has to be attended to by the CPU at most once for every byte, usually less often because several bytes can be buffered and read at once with newer hardware. An asynchronous byte has a length of ten bits, including the start and stop bits. With Baycom the CPU has to attend to every bit, and is working at least ten times as hard to handle the I/O. I say "at least" because in addition to the buffering of multiple bytes there are other kinds of bookkeeping and synchronization that are handled by the hardware for normal asnychronous I/O that make additional work for the CPU under Baycom.

Windows is a multitasking system built as a set of extensions to DOS, which is not a multitasking system. The basic premise of most multitasking systems is that the CPU can do nothing to further the execution of a single process while hardware is completing an I/O operation. Thus when a particular process is waiting for I/O it can be suspended and another process can use the CPU without really slowing down either process. This can be managed by giving the operating system, rather than individual processes, total control of the I/O hardware and the software that handles this hardware at the lowest level. Multitasking systems also must have ways to take the CPU away from a particular process when it isn't waiting for I/O if it is delaying other processes.

Because of the way Baycom does its I/O it can't allow Windows to manage it. Baycom does not use the serial port as a serial port in any sense that makes Windows management of that use possible. The data is not sent or received on the serial data out/in lines, it is sent and received using lines that are normally used for handshaking with an external terminal or modem. Because there is no way that Windows can know whether Baycom is involved in an I/O operation at a particular moment, Windows cannot know when it cannot interrupt Baycom, and interruptions to Baycom's intensive processing will corrupt the data it is sending or receiving.

What you can say for sure, is that running Baycom under DOS you are really getting your money's worth out of your CPU, it is probably working harder for you than it does in any other program you use.

73, Al N1AW
--
Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

1129. EXAMS LOS ANGELES & LA AREA

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:00:46 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD36CHA.MrC@netcom.com>
Source record: 252829

TO ALL FUTURE HAMS !
if your looking for a place to take the ham exam ?
I have a complete listing of all sites in SOUTHERN CALIFORNIA.
the file is called EXAM1995.TXT and is available on my bbs
at 1-818-584-1952
joe,sysop,kb6axk

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

1130. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:04:47 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD36Co0.n0A@netcom.com>
Source record: 252830

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
EOF

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

1131. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:15:40 UTC
From: dearnshaw@worldbank.org
Message-ID: <1995Feb3.133328.6723@worldbank.org>
Source record: 252831

In article <1995Feb2.051449.11045@unisys.co.nz>, <hogant@unisys.co.nz> writes:
> PROPOSAL:
> We would like to propose that other groups and individuals seriously
> think about placing a BAR-CODE on their QSL cards. This would enable
> us to more automate the QSL process. At a minimum the BAR-CODE should
> contain the callsign, however, more thought could be given to the
> format. For example it could also contain, as an option, the band,
> mode, QSO date etc.
>
Tim,

Seems like a reasonable idea, if a format can be agreed upon.

If the callsign of the destination station could also be encoded on the QSO label by the logging program, then the buro could use that for more accurate and efficient sorting and forwarding of cards.

Darrell (NR3Y)

1132. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:19:53 UTC
From: ajbutler@ins.infonet.net
Message-ID: <3ggf79$o92@insosf1.infonet.net>
Source record: 252832

In article <1989.UUL1.3#25274@ace.com>, techman@ace.com (Techman) writes:
>
>
>need for call with U A N thanks for any help with words
>bob N1UAN

Nothing personal but how about "Ugly Agnostic Numbskull"?

This is coming from KA0IES "Idiot Enjoying Stupidity". :)

>73

A J Butler
AJButler@ins.infonet.net
KA0IES

1133. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:27:22 UTC
From: dvitale@delphi.com
Message-ID: <h+9ZqNS.dvitale@delphi.com>
Source record: 252833

reguarding the batteries that come with the yaesu ht radios. I have three yaesu ht's and have found that the standard batteries that come with the units are poor quality. They dont last no matter how careful you are with them. I use the user (dry packs) and use my own ni-cad A cells and they last for years........good luck.......

1134. VEC/VE EXAMS & CLASS'S SOCAL

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:32:29 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD36Dy6.1JK@netcom.com>
Source record: 252834

TO THE AMATEUR RADIO SERVICE OF SOUTHERN CALIFORNIA......

THE LATEST EXAM AND CLASS LISTING FOR "1995" [rev JAN 03,1995....]

COMPILED & ORIGINATED by me,KB6AXK,continuously since the
start of the VEC/VE PROGRAM in 1987.

SITE/WHERE? TIME PHONE/S SPONSOR/CLUB/VEC CLASS/AVAIL?
---
29 PALMS AM 619-367-1583 GLAARG/VEC ASK ???
ADELANTO AM 619-244-1396 GLAARG/VEC ???
ALTADENA ?? 818-585-7038 W5YI/VEC
ANZA AM 714-763-4541 GLAARG/VEC ???
714-763-2323 W5YI/VEC
AM 909-763-4447 GLAARG/VEC
ANAHEIM 1500 714-776-8486 W5YI/VEC NO
714-778-1542 W5YI/VEC
714-779-0456 W5YI/VEC
0900 310-691-1514 W5YI/VEC NO!
APPLE VALLEY AM 619-240-2025 GLAARG/VEC NO!
0830 619-240-4546 VVARC/ARRL/VEC ASK ?
1900 619-244-4601 SBCF/ARRL/VEC ???
AGOURA HILLS 1100 818-349-5583 ARRL/VEC ???
ATASCADERO 0900 805-238-2950 PR/ARC/ARRL/VEC ???
AZUSA 0900 818-812-1337 or 2337 ? ARRL/VEC ???
BAKERSFIELD 1830 805-328-5055 KCCV/ARC/ARRL/VEC ASK ?
BARSTOW 0800 619-252-2136 ARRL/VEC ???
BEVERLY HILLS 1630 714-537-8728 ARRL/VEC ASK ?
1700 310-459-0337 ARRL/VEC ASK
?? 818-500-1440 W5YI/VEC
BIG BEAR 0900 909-585-5069 BBARC ???
BIG BEAR LAKE AM 909-866-8944 GLAARG/VEC ASK
???
BORREGO SPRINGS ??? 619-767-5687 W5YI/VEC
BREA 0900 310-691-1514 W5YI/KD6DA NO!
BURBANK 1000 818-703-4256 ARRL/VEC ???
AM 818-349-0927 KE6AR/TOM/LERC/ARC ???
CAMARILLO 0830 805-484-4461 SMRA/ARRL YES
0830 805-486-7619
0830 805-388-2488 SMRA/ARRL YES
?? 805-486-7629 KC6JLW ???
CANOGA PARK ??? 818-883-5257 W5YI/VEC
CARDIFF BY THE SEA ? 619-436-1013 W5YI/VEC
CARLSBAD ???? 619-747-5872 SANDARC/VEC ASK ?
CARSON 1400 310-549-4924 G/VE NO

213-835-8237
1400 213-830-0242 SURN ???
310-539-5040 CARSON DCS ASK
??? 213-834-1669 W5YI/VEC
??? 310-324-3518 W5YI/VEC
CATHEDRAL CITY 1900 619-321-2775 SE/ARC ASK?
619-322-1214 GLAARG/VEC
CHINO ???? 714-597-2249 W5YI/VEC
CHULA VISTA ???? 619-428-8418 SANDARC/VEC ASK
COLTON 1730 909-685-6073 ARRL/VEC ASK ?
1730 909-825-7136 ARRL/VEC ASK ?
CORONA 1700 909-735-0284 C/N ARC ASK ?
0900 909-279-5447 ARRL/VEC ASK
???? 909-737-9769 CNARC/ARRL ASK ?
COSTA MESA ???? 714-549-5000
714-641-4992 W5YI/VEC
714-642-6568 W5YI/VEC
714-979-2633
CULVER CITY 1900 213-450-7890 BHARC/VE/ARRL ???
AM/PM 818-559-2572 N3BKV/ARRL/W5YI ASK ??
1900 213-292-6423 BHARC/ARRL/VEC ???
1400 310-459-0337 K6PYP/ARRL/W5YI ASK ?
310-292-2183 BHARC/ARRL
?? 714-373-6077 KM6MQ/WALT ???
DOWNEY 0830 213-923-5598? DARC/ARRL YES
EL SEGUNDO 1100 310-336-6340 AEA ARC ASK ???
1100 310-336-0274 AEA ARC ASK
EL TORO PM 714-951-0336 SOARA ???
ESCONDIDO ???? 619-747-7850 SANDARC/VEC ASK
FALLBROOK 1830 619-723-0459 KK6EX/K2VIC/W5YI ASK
FREMONT 1430 213-454-7121 ???? ???
FONTANA 1230 909-829-8837 F/RACES/TEAM ASK ?
1300 909-823-0634 ARRL/VEC ???
0800 909-391-4254 ARRL/VEC,IE/ARC ASK ?
NOON 909-823-6818 FARA/ARRL/VEC ???
FOUNTAIN
VALLEY AM/PM 714-538-7081 WCARC ???
???? 714-775-6095 ????
???? 714-846-6984 ????
1800 714-778-1542 WCARC/ARRL/VEC ASK?
???? 714-775-1305 W5YI/VEC
???? 714-775-4816 W5YI/VEC
FULLERTON/
ANAHEIM 0900 310-691-1514 FRC/EXAMS/W5YI/VEC
1900 714-879-6895 FRC/CLASS'S YES
GARDEN GROVE 1400 714-891-3868 FOSTER ASK ?
0900 714-534-8633 W5YI/WA6YNT ASK ?
1800 714-971-3448 W5YI/VEC ASK
1300 714-638-4057 W5YI/VEC
???? 714-537-4930 W5YI/VEC

???? 714-537-8728 W5YI/VEC
???? 714-893-0264 W5YI/VEC ASK
GLENDALE ???? 818-248-2967 CVARC YES
818-247-1126 CVARC YES
1830 818-449-3790 PRC/ARRL/VEC ASK ?
???? 818-559-2572 W5YI/VEC
GLENDORA ???? 818-335-1127 W5YI/VEC
818-963-1965 W5YI/VEC
HARBOR CITY ???? 310-325-2965 W5YI/VEC
HAWTHORNE 0900 213-778-4625 LA/ARC/ARRL/VEC ???
HEMET AM 909-925-3502 GLAARG NO
???? 909-927-2840 VALLEYWIDE ? ASK
HESPERIA ?? 619-241-4732 GLAARG/VEC ???
1900 909-883-4082 W.SCHOLFIELD ???
???? 619-947-5381 W5YI/VEC
???? 619-947-3934 W5YI/VEC
HESS PARK RPV AM 213-644-2271 GLAARG ???
HUNTINGTON BEACH ?? 714-846-6984
714-847-6370 W5YI/VEC
714-968-7082 W5YI/VEC
HUNTINGTON PARK ?? 213-585-2782 W5YI/VEC
IMPERIAL ?? 619-344-4158 IVARA ???
IMPERIAL BEACH ?? 619-984-4304 W5YI/VEC
INGLEWOOD 0900 714-621-5001 LAARC ASK ???
213-518-4134
213-293-7715
AM 213-778-4625 LA/ARC ASK ?
IRVINE 0900 213-691-1514 CLARA ???
0830 714-824-8477 UC IRV ARC/ARRL ASK?
???? 714-854-4237 W5YI/VEC
???? 714-953-7968
LAKE ELSINORE 1000 909-678-2147 GT/ARC ASK ?
???? 909-244-3630 GTARC/ARRL/VEC ASK
LAKE ISABELLA 1900 619-379-2947 KRV/ARC/ARRL/VEC ???
LA CRESCENTA ???? 818-248-2967 CVARC/ARRL YES
818-247-1126 CVARC/ARRL YES
310-256-2904
LA/ORG CO AM/PM 714-549-5000 GWRS YES
LA/ORG CO AM/PM 714-979-CODE N6CIO YES
LA PUENTE ???? 818-336-1909 W5YI/VEC
818-336-7227 W5YI/VEC
LA VERNE ???? 714-596-9383 W5YI/VEC
LAGUNA BEACH ???? 714-495-8640 W5YI/VEC
LAGUNA HILLS ???? 714-951-0336 W5YI/VEC
LANCASTER 1900 805-948-1865 ARRL/GLAARG YES
LOMA LINDA AM 909-796-0065 GLAARG ???
909-825-8341 GLAARG ASK
909-925-8341
909-825-5341 GLAARG/VEC
LONG BEACH 1000 714-538-8711 ARRL/VEC ???

1000 714-897-6331 CAVE/W5YI ???
1000 714-847-6370 W6LRF
1000 310-592-1713 CAVE/W5YI ASK?
0900 310-431-8998 ARALB/ARRL/KN6EC ASK ???
0900 310-420-9480 GLAARG/NN6Q ???
0900 310-431-3488 ARRL/KN6DB ASK?
LOS ANGELES AM 213-748-0713 SSARO ???
NOON 818-761-6751 BI/ARC ???
1400 213-830-0242 LA/ARC ???
1300 213-834-3674 LA/ARC ???
310-988-0907 LA/ARC ASK ?
310-988-0415 LA/ARC ???
1330 310-435-5345 LA/ARC ASK ?
1000 213-758-6343 VAN NESS PARK/ARRL ASK
1130 818-904-1452 LACARV/ARRL ASK ?
1400 310-459-0337 VA/ARC ???
1500 818-386-1159 ARRL/VEC ASK ?
???? 213-662-2820 W5YI/VEC
???? 213-225-7015 W5YI/VEC
???? 213-254-2076 W5YI/VEC
???? 213-641-7851 W5YI/VEC
LOS OSOS 0900 805-528-0647 ESTERO ARC/ARRL VEC ASK ?
MALIBU(HANDICAP ONLY) 818-780-5443 GLAARG/VEC
MANHATTAN BEACH 0900 310-328-0817 SOBAY ARC ???
213-318-6990 W5YI/VEC
MARINA DEL REY 1900 714-537-8728 ARRL/VEC ???
MISSION VIEJO PM 714-951-0336 SOARA+W5YI NO
MONROVIA ???? 818-301-9565 W5YI/VEC
MONTCLAIR 1830 909-983-1272 W5YI/VEC YES
909-597-2249 STEVE CULIHE YES
909-626-8579
MONTROSE ???? 818-248-2967 CVARC YES
818-247-1126 CVARC YES
MOORPARK ???? 805-529-2645 W5YI/VEC
MORENO VALLEY 1000 909-849-7822 MVARA ???
909-924-6918 GLAARG/VEC
NEWHALL ???? 805-259-8410 W5YI/VEC
NEWPORT BEACH AM/PM 714-960-6973 SOCATT ???
N.HOLLYWOOD 1900 818-548-8633 PNP GP ASK ?
NORTHRIDGE AM/PM 818-780-5443 SFVARC/GLAARG/VEC YES
NORWALK AM 310-921-0134 ARRL/VEC ASK?
ONTARIO 1030 909-810-0442 ARRL/VEC YES
0800 909-391-4254 IE/ARC/ARRL ASK ?
???? 714-923-9578 W5YI/VEC
OXNARD ???? 805-983-1121 W5YI/VEC
ORANGE ???? 714-538-0203 W5YI/VEC
714-838-3180 OARC
PALM SPRINGS 0900 619-564-2655 CVARC ???
??? 619-322-1214 GLAARG ???
1900 619-321-2775 ARRL/VEC/KC6JPH ASK ?

PALMDALE 1900 805-264-1279 AV/ARA ASK
NOON 805-285-4827* L.WINTERS ASK
PANORAMA CITY ???? 213-891-7122 W5YI/VEC
PASADENA 1830 818-449-3790 PRC/EXAMS YES
818-502-7555 NOV/TECH CLS YES
818-354-9223 GEN CLASS YES
1615 818-354-4564 JPL/ARC ???
1615 818-447-8475 JPL/ARC ???
0900 818-244-2763 ER/ARC/ARRL/VEC ASK ?
PASO ROBLES PM 805-239-3180 ARRL/VEC ASK?
0900 805-238-2950 PR/ARC/ARRL ???
???? 805-466-6915
POMONA 1300 909-620-2089 T/C ARC/ARRL/VEC ASK
POWAY ??? 619-679-0794 W5YI/VEC
RAMONA ??? 619-789-1070 W5YI/VEC
RANCHO PV AM 310-644-2271 GLAARG ???
REDONDO BEACH 1830 310-328-0817 2128H BAY ARC ???
RIALTO 1300 909-883-4082 RACES/ARRL/VEC ???
???? 714-823-7158 W5YI/VEC ASK
1300 909-867-9599* RACES/ARRL/VEC ???
1300 909-867-9270 RACES/ARRL/VEC ASK ?
RIDGECREST 0900 619-375-7245 SARC/ARRL ???
RIVERSIDE AM 909-780-2680 GLAARG ???
909-688-2985
SAN BERNARDINO PM 909-864-4498 SBCB/ARC ???
AM 909-864-2656 CBARC/ARRL/VEC ???
??? 714-864-2656 CBARC/ARRL/VEC
?? 909-780-2680
SAN DIEGO AM/PM 619-465-EXAM SANDARC/VEC YES
1900 619-222-4043 SD/YACHT CLB AR GROUP
0800 619-470-1238 OECA/ARRL/VEC ???
???? 619-563-8414 W5YI/VEC
???? 619-575-5222 W5YI/VEC
???? 619-295-5822 SANDARC/VEC ASK
SAN JACINTO AM/PM 909-654-2140 KM6AY YES
SAN LUIS OBISPO 0900 805-528-0703 EARC ???
805-528-2934
805-528-0647 EARC ASK?
SAN PEDRO 1330 310-325-2965 URAC/W5YI YES
SANTA BARBARA/ 0830 805-682-2665 SBARC ???
GOLETA 805-488-4393
AREA 805-966-6620
805-962-3304 SBARC ASK ?
???? 805-583-3805 AA6MX ???
???? 805-969-2326 KF6DI ???
???? 805-682-2665
SANTA ANA 1830 714-835-5381 OC/RED CROSS ???
1830 714-971-3448 OC/RED CROSS ???
?? 714-531-5446 W5YI/VEC
?? 714-667-0657 W5YI/VEC

SANTA CLARITA AM 818-884-8030 GLAARG ASK?
SANTA MARIA 0800 805-922-8509 SMARC/CCVEG ???
AM 805-929-3710 GLAARG ASK?
AM 805-922-0538 CC/ARRL/GP ASK ?
SANTA MONICA AM 310-398-8538 GLAARG/VEC ???
?? 310-398-6538
SANTEE ???? 619-446-8219 SANDARC/VEC ASK
SAUGUS 1400 818-348-4457 ARRL/VEC ASK?
SHERMAN OAKS ?? 818-905-3229 W5YI/VEC
SIGNAL HILL 0830 310-420-9480 GLAARG/VEC YES
SIMI VALLEY 1900 805-526-7343 SSARC/ARRL ???
PM 805-526-5277 CVARC/AB6KS YES
?? 805-526-4956 W5YI/VEC
1930 805-522-4156 SSARC/ARRL ASK
STUDIO CITY ?? 213-650-7233 W5YI/VEC
SUN VALLEY ?? 818-771-0756 W5YI/VEC
TARZANA ?? 818-344-8334 W5YI/VEC
TEHACHAPI AM 805-822-6128 SSARS ???
TEMPLETON 1930 805-466-6915 PRARC ???
THOUSAND OAKS 0900 805-484-3309 CVARC/ARRL ASK???
0830 805-375-1385 CVARC/ARRL ASK ?
???? 805-499-6134 WP6C ???
TORRANCE 1400 213-835-8237 AB6AA ???
0900 310-328-0817 WB6MYD/SB ARC/ARRL ASK?
1800 310-372-0175 ARRL/VEC/SARC ASK?
VAN NUYS AM 818-702-0246 SFVARC ???
PM 818-780-5443 GLAARG/VEC
?? 818-989-7462 W5YI/VEC
VANDENBERG AFB AM 805-929-3710 GLAARG ???
VENTURA 0900 805-942-0077 GSRH ???
?? 805-658-6345 W5YI/VEC
VICTORVILLE AM 714-279-5447 WILLIAMS ASK ?
VISALIA AM 209-734-9516 GLAARG ???
WEST COVINA PM 818-969-4029 SCATS ???
WESTMINSTER 1300 714-638-4057 W5YI/MARA ASK?
?? 714-283-2571
?? 714-892-0651 W5YI/VEC
WHITTIER PM 310-947-1356 RHARC/ARRL YES
WOODLAND HILLS PM 818-348-4457 ARRL/VEC ASK?
YUCAIPA ?? 714-795-4959 W5YI/VEC
YUCCA MESA ?? 619-367-1583 GLAARG/VEC ASK?

!?!?!?

HAM'S,TO SPREAD THE WORD OF ""WHERE TO GO FOR A CLASS OR EXAM ??? ""

****
MY PACKET MAILBOX is on
MY FAX.
MY PHONE 1-818-584-9071...voice messages and info.
MY INTERNET E-mail is; kb6axk@netcom.com

HAM*INFO*LINK*SOURCE BBS 1-818-584-1952 ,8N1,OPEN,24hrs,365days,ANYSPEED !

MY ADDRESS IS: 64 N. BERKELEY AVE.PASADENA.CA.91107-3548.
73' & 88' joe cira/kb6axk.......
****
/EX
EOT

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

1135. Re: WWW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:35:56 UTC
From: dmalone@harp.aix.calpoly.edu
Message-ID: <3ggg5c$fsb@isnews.calpoly.edu>
Source record: 252835

Check out the Cal Poly Amateur Radio Club's home page:
http://www.calpoly.edu/~dmalone/w6bhz/

We also have an extensive list of other clubs on the Web.
(Please be patient, our system is slow at times due to 18,000 users vs.
sendmail)
--
/--\
| Dan Malone - Network Administration |
| email: dmalone@calpoly.edu |
| phone: (805) 756-1295 FAX: 756-1536 |

1136. Crystals

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 16:58:57 UTC
From: RAFI@BGUVMS.BGU.AC.IL
Message-ID: <199501291658.IAA21430@ucsd.edu>
Source record: 252836

In the past I have ordered crystals for old 2 m rigs, HB projects
etc from JAN Crystals in Florida but their prices are now about twice
what they were a few years ago. Anybody know of a more economical
source???

Earl 4Z4TJ
Rafi@BGUVMS.bitnet

1137. Re: CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 17:01:24 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3gghl4$r8b@crcnis3.unl.edu>
Source record: 252837

richwood@commspec.com wrote:

: IF>WHAT IS C W

: IF>* It involves no accent or pronunciation problems,therefore providing a
: IF>widely understood international language.

: It isn't a language. If I send CW in French and the receiver doesn't
: understand French, nothing is communicated. A "W" will always be a "W"
: but it's still important how I string the letters together. CW won't
: help that.

: How do you send CW in Japanese, Chinese, Hebrew, or Arabic?

: Rich
: KF2JO
: richwood@commspec.com

It has been said before, and for those not familiar with proficient Morse operating, I'll repeat it:

No. Morse is not a true language. However, using common Morse abbreviations, pro-signs, Q signals, and standard numbered messages, communication between two people who do not share a spoken proficiency in a common language is possible. We do it every day. Most amateurs around the world have enough knowledge of these procedures (in limited English) to make this possible.

This is the common "language" of world-wide amateurs. It also would work on other digital modes...packet, amtor, rtty, etc. However, the great utility of Morse in this context is that it is a mode currently available to virtually every ham in the world. The other non-voice modes are not in use by most of the world's amateurs at present.

This is not meant to be an argument in the CW/no CW argument. Just a bit of information for those who may not be familiar with "state-of-the-art" Morse operating practice.

Greg Brown WB0RTK

1138. Re: QCWA

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 17:09:00 UTC
From: wday@dfw.net
Message-ID: <wday-2901951109000001@fw23.dfw.net>
Source record: 252838

In article <3gbp8v$24s@newsbf02.news.aol.com>, russelltj@aol.com (Russell TJ) wrote:

> Interested in joining QCWA. I live in newport RI...any info appreciated.
> Tnx Russ (nz2d)

Membership in QCWA is open to any licensed amateur radio operator who was first licensed at least 25 years ago, but you need not be continuously licensed throughout that period.

You can get an application form by writing or calling QCWA at:

Quarter Century Wireless Assn., Inc.
159 East 16th Ave.
Eugene, OR 97401-4017
(503) 683-0987
(503) 683-4181 FAX/BBS

There are QCWA chapters scattered throughout Canada and the United States (indeed, we also have several international chapters), but I don't see one listed anywhere in Rhode Island. HQ could tell you if there's a new one, or whether there's enough of a critical mass of members to think about starting a local chapter.

73 Wayne KF5ZC
QCWA Chapter 72, Fort Worth

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

1139. KF2JO asks how to CW in Japanese

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 17:14:30 UTC
From: pmarsh@metro.mccneb.EDU
Message-ID: <9501291714.AA16912@metro.mccneb.edu>
Source record: 252839

Rich KF2JO asked about CW communicating in Japanese. Look at page 17-26 in ARRL Operating Manual, 4th Edition. There is a chart of CW code for Japanese, Korean, Arabic, Hebrew, Russian, and Greek. That's how they do it.

Also, next page, same publication -- short note on origin of "73" as a message.

Paul Marsh N0ZAU Omaha
pmarsh@metro.mccneb.edu

1140. Callsign "CTP"

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 17:17:40 UTC
From: dwilson@s850.mwc.EDU
Message-ID: <199501291718.JAA23131@ucsd.edu>
Source record: 252840

> In article <eoz9lurTR2oJ065yn@powertech>
> torkelj@powertech.no "Torkel Jodalen" writes:
>>
>> On 12.823 MHz (CW) I picked up the following message earlier today...
>>
>> DE CTP CTP QSX 481216 MHZ AR
>>
>> OK, I know what it means, but does anybody know anything about "CTP" ?
>> The message was repeated continously - is it a beacon of some sort?
>
> Sounds like a Portuguese coast station to me ! The callsigns conform to the
> same ITU allocations as amateur ones, so it's generally easy to work out

Several similar questions to this have recently appeared in this amateur newsgroup. You will find a greater expertise in answering if you post questions like this in rec.shortwave. There is good expertise there in matters such as these. Contrary to what some believe ("these are future hams, pre-hams, or ust not up to ham level"), these are people pursuing a separate radio hobby with a different knowledge base. Many there would immediately recognize this as the NATO station at Lisbon, Portugal.

--
David L. Wilson INTERNET: dwilson@s850.mwc.edu
Phone: (703)898-1084 (H) Amateur callsign: AC4IU G.S.: FM18fg

1141. Re: "Subcarrier" Radio Anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 17:18:08 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3ggikg$k9d@yrkpa.kias.com>
Source record: 252841
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

Richard Karlquist (rkarlqu@scd.hp.com) wrote:
: In article <D2vpMC.4qp@nntpa.cb.att.com>,
: -ANGLADE ERNIE <ernie@hoqst1.ho.att.com> wrote:
: >
: >I would appreciate any lead on what is known (at least in some
: >circles) as "subcarrier radio." My limited understanding is this is
: >a FM type broadcast which requires a modified FM receiver to
: >receive. In other words, the standard AM/FM radio set would not be able
: >to process the "subcarrier" signal. Hence the broadcasters typically
: >sells these receivers to their listening audiences. This is

: >Any lead (i.e, FCC regulation, equipment provider, etc.) would be much
: >appreciated. Thanks.
: >Ernie
: >ernie@hoqst1.ho.att.com

Ramsey Electronics sells an SCA decoder kit for around $28
You can get their catalog by calling (716) 924-4560

Ramsey's address is: 793 Canning Parkway Victor, NY 14564

Hope this helps. john k3nxu
: Rick Karlquist N6RK
: rkarlqu@scd.hp.com

1142. Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 18:08:01 UTC
From: sysop@infoplus.uu.holonet.net
Message-ID: <9501291119554105@infoplus.uu.holonet.net>
Source record: 252842

```
Ham Radio CDROM with Windows based Callsign Database
----------------------------------------------------

Information Plus is pleased to offer a superb Ham Radio CDROM
featuring:

* Callsign Database with Windows, DOS, and OS/2 interfaces

* Hundreds of PC compatible Amateur Radio Programs

* Radio Modifications

* WAV files for TNC Testing

For more information send your full postal address via email
to sysop@infoplus.uu.holonet.net Subject should read HAM CDROM
```

1143. Re: Intermod; Kenwood, Yaesu, Icom ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 18:21:29 UTC
From: wcoyle@delphi.com
Message-ID: <xG76SNZ.wcoyle@delphi.com>
Source record: 252843

Well said....

I have a Yeasu FT-5200 and the intermod was so bad, I pulled it from mobile service and I'm using it on packet. I was very dissapointed with it in a mobile configuration, but I'm pleased with it in packet use (my QTH is relitively intermod free, while some areas I drive through, especially the Middletown Twp. ,PA. area is very bad for intermod). I, also have a Radio Shack HTX-202 Ht, and I'm very happy with it. It's the best 2 meter HT I've ever owned, especially for the money. If one of the big Japanese radio producers would produce a mobile 2 meter rig, that only recieved 144-148 and had a tight front end, I would buy it. The problem is, they all thing we want the "DC to Light" recieve. I think it's time we let our opinions known to the manufacturers, this way we might just get what we want!

73 Bill
N3OGH

1144. Re: PepperGun Foggers Boycott

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 18:30:23 UTC
From: wcoyle@delphi.com
Message-ID: <5k0YSVf.wcoyle@delphi.com>
Source record: 252844

Ok, folks this has gotten a little out of hand for this area of discussion, and it no longer relates to the Amateur radio community. It may be time to move this discussion to another forum, perhaps something on internet policy. Seeing as this ad appeared in several newsgroups, it would be better to discuss it in a central location and leave this area to Amateur radio!

73
Bill
N3OGH

1145. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 19:12:51 UTC
From: mthomas@cris.com
Message-ID: <CMzAlaZzwIOJ077yn@cris.com>
Source record: 252845

In article <Steve.Hideg.1-2501952156200001@hideg.cc.nd.edu>,
Steve.Hideg.1@nd.edu (Steve Hideg) wrote:
>
>Isn't country singer Patty Loveless a ham, too?
>
>Anyone know her callsign?
>
>--Steve
>
>

Patty L. Ramey (Loveless)
KD4WUJ
Her husband, Emory Gordy Jr. is W4WRO.
There is a picture of Patty in the October 1993 QST sitting at the
rig at her home.
I read an interesting story about how her husband was in the hospital
(accident-illness, not sure) and they would communicate by tapping
morse code into each others hand.
73, Martin
wv9c@amsat.org
mthomas@cris.com

1146. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 19:27:39 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3ggq7b$gs6@fohnix.metronet.com>
Source record: 252846

In article <3ggf79$o92@insosf1.infonet.net>, <ajbutler@ins.infonet.net> wrote:
>In article <1989.UUL1.3#25274@ace.com>, techman@ace.com (Techman) writes:
>>
>>need for call with U A N thanks for any help with words
>>bob N1UAN
>
>Nothing personal but how about "Ugly Agnostic Numbskull"?

Untie Aunt Nancy
Until Another Night
Unleash American Nukes
Ugly And Nasty

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. KC5LWF copeland@metronet.com|

1147. Re: KF2JO asks how to CW in Japanese

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 19:27:43 UTC
From: slay@netcom.com
Message-ID: <slayD36M28.Fn6@netcom.com>
Source record: 252847

Paul Marsh (pmarsh@metro.mccneb.EDU) wrote:
: Rich KF2JO asked about CW communicating in Japanese. Look at page 17-26
: in ARRL Operating Manual, 4th Edition. There is a chart of CW code for
: Japanese, Korean, Arabic, Hebrew, Russian, and Greek. That's how they do
: it.

Arrrgggghhhhh........ on a personal note .... the JA morse code is
a real bear to learn .... and completely confusing if you are any good
on Int'l morse ...... at least in my case. In my experience I have
found that JA ops ... who are required to be even more proficient
in Int'l Morse than in JA Morse ... have relatively no difficultly
in copying "romaji" style Japanese in QSO .... although it may be
marginally easier to copy for them using the Japanese phonetic
alphabet. Personally, I have only met one American Ham who could
copy JA CW at a high rate of speed .... unfortunately I don't
think he ever really understood anything that he copied becuz
he learned it during WWII while in the US Navy.

As a side note .... if you hear JAs on the low end of 40m calling
CQ CQ -.--- that means they want a Japanese Morse QSO; and when
you hear the same character in the middle of a QSO - it means they
are switching from one code to the other.

Cheers
Sandy WA6BXH/7J1ABV
Portland, Oregon
slay@netcom.com

1148. Re: Crystals

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:00:03 UTC
From: HIST-AJS@nich-nsunet.NIch.EDU
Message-ID: <2750FF33201@charon.nich.edu>
Source record: 252848

I wish I had known about C-W Crystals before buying some FT-243s from Jan. The same xtals are much cheaper at C-W and work just as well for me on an old Drake 2-NT tx. I discovered C-W in the Ham Ads of QST. The address is 570 Buffalo St. Marshfield, Mo. 65706.

73 de KB5AA, Sonny in Thibodaux, La.

1149. Re: Freeware testing and code software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:09:43 UTC
From: theshark@uclink2.berkeley.edu
Message-ID: <theshark-2901951209430001@sharkbite.hip.berkeley.edu>
Source record: 252849
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <3g4bfa$1d17@news-s01.ny.us.ibm.net>, rjohnst@ibm.net wrote:

> Does anyone know of any good FTP sites and programs for testing and
> code learning? I am running WARP, so windows, OS/2 and DOS would
> work. Any help would be appreciated!
>

This may be of no help to you at all, but at the FTP site

sumex-aim.stanford.edu
(I think) in the directory /app

(and all its mirrors) there is a Macintosh-based code-learning program.
It is called MorseTrainer, and is available in US English as well as
several international versions. It's about a year old. The program has
been extremely helpful in my quest to learn CW, but alas, it's a freeware
program, and only transmits code and doesn't let you practice keying.

I'm also looking for any kind of shareware (Mac based) which lets one
practice the Novice/Technician exam. If anyone knows of any, please
e-mail me at "andyneal@ocf.berkeley.edu"

You can contact the author of MorseTrainer, Lars Sundstrom, at:

Department of Applied Electronics
Lund University
P.O. Box 118
221 00 LUND
Sweden

phone: +46 46 10 95 13
fax: +46 46 12 99 48

email: sund@tde.lth.se
--A

--
--A

"Nicht hinauslehnen on Infobahn!" (tm)

1150. Re: I am looking for STUDS!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:12:00 UTC
From: emd@ham.island.net
Message-ID: <012995121227Rnf0.79b4@ham.island.net>
Source record: 252850

hyprtrcs@CERF.NET (Rick Howard) writes:

>I am looking for 4mm metric studs for my Kenwood TS-50S and AT-50.
>I use these mobile, exclusively, and am slowly wearing out the
>ground-screw threads on the back of the chassis. I live in Glendora,
>CA and have searched Southern California hardware stores unsuccessfully.
>
>A stud is a double-ended bolt. It is not simply a length of threaded
>rod in that it has an unthreaded center portion of greater diameter.
>

If you can't find them, why not just use a piece of threaded stock the
right length with to nuts screwed tightly to each other in the middle?

--
emd@ham.island.net (Robert Smits VE7EMD Ladysmith BC)

His mind was like a soup dish, wide and shallow; it could hold a small
amount of nearly anything, but the slightest jarring spilled the soup
into somebody's lap. Irving Stone

1151. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:13:03 UTC
From: alanb@sr.hp.com
Message-ID: <3ggssf$al8@canyon.sr.hp.com>
Source record: 252851
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

Dave Mullenix (djmullen@facstaff.wisc.edu) wrote:
: I recently posted a reply to the AMSOFT spam telling them that
: instead of asking for a copy of their thinly disguised advertisement
: for their CD-ROM, I was sending a copy of their message to their
: system administrator.
...
: To repeat (and clarify), the proper response to any kind of spamming
: and especially to a _commercial_ spam is to send a copy of the
: message to the miscreant's system administrator along with a note
: describing the problems they're causing.

So for us Usenet novices, how do you find out the address of their
system administrator?

AL N1AL

1152. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:49:34 UTC
From: ozone@primenet.com
Message-ID: <ozone.232.004F9492@primenet.com>
Source record: 252671

In article <3g1qpb$9fm@cronkite.seas.gwu.edu> gringo@gwis2.circ.gwu.edu (Nicholas Rian Grace) writes:

>The International Amateur Radio Network (IARN) is a worthy organization
>that has aided the recovery of disasters in Mexico, Bougainville (Papua
>New Guinea) and Somalia, among others. Let's give Glenn Baxter some
>credit!

The IARN seems to me to be an organization created and funded by Glenn Baxter (who is reported to be quite wealthy) for the primary purpose of enhancing Glenn Baxter's ego. The IARN has in the past ignored good guidelines for emergency traffic handling... such as letting the stations in the affected area determine what is needed, letting those stations control communications (as good amateur practice and good emergency handling require), and coordinating with local officials of the affected area or country.

Let me tell you about how it "aided the recovery of disasters in Mexico..."...

I went to Mexico City in 1985 just after the earthquake to help out with communications. I knew nothing of K1MAN or the IARN. I stayed with and assisted a Mexican ham who was operating on 14.275 - not knowing anything about IARN. We handled thousands of health and welfare messages, BUT...

K1MAN demanded to control the net, even when his station was under attack by a hurricane, and while propagation conditions prevented him from having adequate contact with Mexico. We spent hours of net time trying to satisfy him and keep him happy - time that could have been spent passing traffic.

So yes, IARN helped in the sense that it's frequency was used to pass the traffic, and some of its members passed it. Baxter, however, by the time I was there, hindered the communication by his attempts to control the network in spite of lousy propagation, and the fact that such networks are best controlled in accordance with the wishes of the station or stations in the disaster area. During the Mexico earthquake communications emergency, almost every frequency on 20 meters was tied up with earthquake traffic. Nets existed on whatever frequency a Mexican station chose to operate on... not because of their pre-existence or organization! [I should alss point out that the ARRL did not have active participation, because they could not get permission from the Mexican government... something many other nets ignored. You can decide for yourself whether this is a good or bad thing]

As soon as I got
back to the US from the trip, I called K1MAN (I still knew nothing of his reputation or of the IARN, but I sensed something strange was going on) to touch base. I got a chilly reception, and after he asked me some bizarre and leading questions, I realized that he was trying to trap me into saying something

that would incriminatet the ARRL (since I was an ARRL OOC at the time). I asked him if he were taping the phone call and he admitted he was. The rest of the call continued in a similar bizarre vein. It was far from the cordial conversation between two people involved in the disaster that I had expected.

Later I got calls from the editors of several ham magazines stating that they had gotten letters from Baxter implying nasty things about myself and others who had been instrumental in passing the traffic (carefully phrased in a manner which was not quite libelous - but interestingly, sent on Collins Radio Company letterhead), . A copy was forwarded to me and indeed it was quite nasty... implying that I was sent to Mexico by the ARRL to wreck the IARN operation! [The ARRL tried to talk me out of going, since they had no formal invitation. I paid my own way and went because I had accumulated a long list of H&W traffic that I couldn't pass from this end, and because Carlos in Mexico needed assistance.] Furthermore, Baxter apparently filed a complaint with the FCC against me for "interfering with emergency traffic!" Remember, I was on the scene of the emergency, passing traffic, while he was 4000 miles away, but he claimed that I was interfering!!! (By the way, very little of the traffic was emergency traffic anyway... it was mostly health and welfare and routine logistical information). I checked with the FCC's Washington office and they told me that they didn't know of such a complaint, since they routinely threw away all complaints from Baxter without reading them, because he was such a nuisance.

For some reason Baxter put me on his IARN mailing list, and for a while after that I routinely got copies of newspaper articles describing Baxter as essentially God's gift to the victims of disaster, and other material making it clear that IARN was Baxter's ego machine.

It also became clear that K1MAN believed that the ARRL and the FCC were out to get him. The FCC did try to go after Baxter for his various violations but were stopped, reportedly because Baxter was backed by a senator from his home state and could not be touched. That senator is no longer in congress. Baxter's reputation for litigousness may also have been a factor.

Since that time I have monitored K1MAN when he used his station on the IARN net to allow news reporters to communicate on ham frequencies (and not coincidentally getting K1MAN on national news), in direct violation of FCC rules, which were clarified by the FCC because of similar happenings by several stations during the Mexico earthquake communications emergency. It is reportedly well known in FCC circles that Baxter has violated the rules a number of times and ignored FCC instructions to cease doing so.

IARN, of course, has well meaning members in addition to egomaniacs and other defectives. But IARN is (or was... I haven't checked recently) owned lock, stock and barrel by Glen Baxter and is/was his instrument, not some democratic charitable organization.

I have also heard that Baxter was involved in the 14.313 imbroglio but have no details to support that.

As far as comments to ask OO's to do something about Baxter, let me mention that until recently I was the OOC of Arizona, and know that OO's are already well aware of Baxter's activities, and have filed a number of complaints over the years with the FCC, all to no avail. I used to get several complaints a year from hams in Arizona.

If you want your ham frequencies to be used for the aggrandizement of one man's ego, even to the extent of providing commercial organizations the use of our frequencies (ie, news gathering outfits), then go ahead and defend Baxter. I know better. Among the most active individuals in national ham radio, this information is widely known but rarely said (except to each other).

By the way, I believe that this is my first public statement revealing this information. In spite of my silence on the subject, someone, apparently associated with IARN, once again a couple of years ago released another attack on myself and others for our actions with the Mexico City earthquake operation.

John Moore
NJ7E

DISCLAIMER. This posting is purely personal and has no connection with my association with the ARRL or Ham Radio and More. These are my views and my views alone. I simply feel it is time that the truth, to the best of my knowledge, be known.

John Moore - mailto:ozone@primenet.com - http://www.primenet.com/~ozone/
...Politicians are like diapers: both need to be periodically changed for the same reason...

1153. Re: Finally an opportunity to get rid of K1MAN !!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:52:03 UTC
From: ozone@primenet.com
Message-ID: <ozone.233.0051DAEE@primenet.com>
Source record: 252661

In article <3g1p47$bap@cactus.texas.net> bob@texas.net (Bob Scott) writes:

>There's a proper way to deal with illegal operations like willful interference
>and broadcasting. Call your ARRL section manager and get the official observer
>hordes to start monitoring. They are trained to document such things and are
>a lot more likely to get results than spamming the FCC with complaints.

As a former OOC, I would agree with this in most cases.

However, sometimes it takes more heat to get the fire started. It takes lots
of letters and petitions and affidavits (from those who have actually
heard illegal activity). The ARRL, OO's and the FCC are WELL aware of Baxters
activities.

>Please, I ask you--take the time to monitor and find out what's really going on.
>Don't complain just because Don says you should--I don't know him from Adam and
>am not about to write the FCC or Congress just because he says I should.

I would agree. Find out more about this issue. THEN write, because what you
will find out will not be pretty!

John Moore - mailto:ozone@primenet.com - http://www.primenet.com/~ozone/
...Politicians are like diapers: both need to be periodically changed for the same
reason...

1154. Re: Finally an opportunit

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:55:01 UTC
From: ozone@primenet.com
Message-ID: <ozone.234.00549161@primenet.com>
Source record: 252663

In article <2a6.4917.545@acenet.com> brian.carling@acenet.com (Brian Carling) writes:

>Knock it off Chip. A lot of people appreciate K1MAN. There is only
>a small minority of you grumblers out there that apparently have
>nothing better to do.

Yeah... those of us who are informed about the issue or who have been attacked
by K1MAN!

John Moore - mailto:ozone@primenet.com - http://www.primenet.com/~ozone/
...Politicians are like diapers: both need to be periodically changed for the same
reason...

1155. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 20:56:51 UTC
From: ozone@primenet.com
Message-ID: <ozone.235.0056400D@primenet.com>
Source record: 252662

In article <3g4dfd$me0@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>From: md@pstc3.pstc.brown.edu (Michael P. Deignan)
>Subject: Re: question on K1MAN
>Date: 25 Jan 1995 02:36:29 GMT

>In article <1995Jan24.123541.1@vax.sonoma.edu>,
> Ken Harrison <harrisok@vax.sonoma.edu> wrote:

>>Maybe I'm a little dense, but just exactly HOW would a station seeking only to
>>RECEIVE another station be committing willfull and malicious interference?
>>I'm a little stuck on this one...

>Not to mention that nobody has even proven that K1MAN's transmissions are
>even malicious interference. The entire complaint is centered around
>someone's claim that the frequency is "theirs" because they have a net
>there and their net shouldn't "have to move".

>K1MAN's actions may be obnoxious, but illegal? That's a tough call.
>Maybe if the net moved, and he moved with them, that would be
>malicious, but there hasn't been any claim to that at all.

Speaking as one who things K1MAN ought to be tarred and feathered, let me point out that what you say above is mostly correct. Many of the broadcasts are legal, if obnoxious. But some activities of K1MAN don't appear to be (see my detailed posting above). And it is not at all clear that airing the same information 75 times a week is legal. When a bulletin station starts acting more like a beacon, it should follow beacon rules!

John Moore - mailto:ozone@primenet.com - http://www.primenet.com/~ozone/
...Politicians are like diapers: both need to be periodically changed for the same reason...

1156. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 21:12:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5105.545@acenet.com>
Source record: 252852

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

TAW>Paul is, of course, correct, but as a side note, many people say "73's"
TAW>which is incorrect. The translation of "73's" would be "best regards's",
TAW>which sounds dumber than "What's your handle?".

Do you have ANY idea how MANY times this has been said on here lately???
It is also repeated almost daily on FIDO, RIME, AOL etc.

TAW>Not many people care, but just an item of note.

Exactly Travis. Almost nobody cares!

~ SLMR 2.1a ~ And tonight's forecast: DARK!

1157. Re: Need Words for abbrev

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 21:12:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5107.545@acenet.com>
Source record: 252853

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

TE>need for call with U A N thanks for any help with words
TE>bob N1UAN
TE>73

Hmmmm...

Upbeat After Noon
Upstanding Amateur Neurologist
Unusual Amateur Nut?
Usually Appplauds Newt!
Uninformed Awful Nerd .... no! Let's see:
Upwardly Advancing Nomad
Usual Ascerbic Nod
Ultra-Active Non-conformist
Utilitarian Amateur Net
Used All Narcotics, uh maybe not!
How about:

Uniting All Nations... no, I don't like that one!!!

Usually Awfully Naughty !

Mix and match to your heart's delight!

brian.carling@acenet.com

~ SLMR 2.1a ~ And tonight's forecast: DARK!

1158. CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 21:12:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5106.545@acenet.com>
Source record: 252854

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

RI>IF>WHAT IS C W

RI>IF>* It involves no accent or pronunciation problems,therefore providing a
RI>IF>widely understood international language.

RI>It isn't a language. If I send CW in French and the receiver doesn't
RI>understand French, nothing is communicated. A "W" will always be a "W"
RI>but it's still important how I string the letters together. CW won't
RI>help that.

Oh HI Rich! I see you have migrated over HERE to Internet to grumble
about CW as well as all the grumbling you do on FIDO etc.!!

RI>How do you send CW in Japanese, Chinese, Hebrew, or Arabic?

Easy. BV2A DE AF4K R R FB DR OM RICH BT UR SIGS RST 579 HR IN QTH
MARYLAND MAYLAND ES OP OP BRIAN BRIAN BT WX HR CLDY ES 2C 2C BT
HR QRN QRN BT PSE QSL VIA BURO BT HW? AR BV2A DE AF4K KN

Every CW operator in Japan, China, Israel and Arabic lands who
works HF CW would know PRECISELY what every word of that transmission
meant even if they never learned any English. Hams are not stupid Rich.
They figure out these things and attach universal meanings to these
words and abbreviations that are understood internationally.

OK, he was mis-stating or oversimplifying it by saying that CW
is an international language. He should have said that CW is understood
in all nations because amateurs use many encoded abbreviations
I think you just enjoy goading the CW ops by splitting hairs maybe? :-)
See you on SSB, AM, FM or CW!

73 de AF4K, Brian

~ SLMR 2.1a ~ And tonight's forecast: DARK!

1159. Ohio/Penn DX Bulletin #192

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 21:19:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.192.1995@ampr.org>
Source record: 252855
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.192
Ohio/Penn DX Bulletin No. 192

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 192
BID: $OPDX.192
January 30, 1995
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, WA2VUY, WB3JFS, NI6T, N8AC, NW8F, K8YSE, 3A2LZ, DC3MF, JA0BYS, JH2PDS, SM0CNS, DF4RD and DL7VEE the DXNL for the following DX information.

160 METER INFORMATION NET. SP5INQ and UA9CBO run a weekly information net for 160 meters on Saturdays, on 14339 kHz at 1230z.

3A, MONACO (NEWS AND EVENTS). Daniel, 3A2LZ, informs OPDX of the following events taking place in 3A-land. The Monaco Post Office is issuing a special cancellation mark in commemoration of the 40th anniversary of the Association des Radio-Amateurs de Monaco's existence. The dates of issuing the special cancellation mark mentioned so far: February 17-26th on letters, February 27-March 12th on postcards, and April 17-24th on letters.
The International Rotary Conference will be held this summer in Nice, France from June 10-15th. The ROARS station will be in Monaco at the Loews hotel and a special callsign will be used for this occasion. Look for 3A2RAR (Rotary Amateur Radio). QSL via 3A2LZ.

3D2, CONWAY REEF. A group of four amateurs plan to challenge the solar cycle, winds, sharks, reefs, birds and "the notorious native ticks" to give the deserving a shot at this rare DXCC country. The group expects to arrive on Conway Reef on March 24 and stay until April 3. This will provides two full weekends on the reef, with the first coinciding with the CQWW SSB WPX contest. They plan to use three 1 kW stations, of which two will be on the air at all times. There will be beams for all higher bands, including 12 and 17 meters, and verticals for the lower bands. Emphasis will be on the low bands (including 160 meters), the WARC bands and RTTY. European stations will be a major objective at all times.
The operators presently are: Mats/SM7PKK, Pekka/OH1RY, Nils/SM6CAS and Garry/NI6T. They will be seeking one additional adventurer to join them. Callsigns have not yet been issued, but will be available shortly.

Suggested frequencies:
CW - 1823, 3503/3523, 7003/7023, 10103, 14003/14023, 18071, 21003/21023, 24893 and 28023 kHz
SSB - 1843, 3785, 7085, 14195, 18115, 21295, 24935 and 28495 kHz
RTTY - 7030/7082, 10120, 14082, 18100, 21082 and 28082 kHz

There will be two QSL routes. For SSB: Philip Marsh, G4WFZ, Orcheston Road 28, Bournemouth, BH8 8SR Dorset, Great Britain. For CW/RTTY: Mats Persson, SM7PKK, Zenithgatan 24 # 5, S-212 14 Malmo, Sweden (Do not use any other address for SM7PKK). This DXpedition will be costly. Donations by individuals and groups will be greatly appreciated. Donations and questions should be directed to Mats, SM7PKK, team coordinator.

4E, PHILIPPINES. Tom, SM0CNS, will stop using the callsign SM0CNS/4E7 after January 31st and begin using SM0CNS/DU7 again. The 4E7 prefix was used to celebrate the Papal visit to the Philippines. Tom continues to be active on 160 meters (1827 kHz) around 1400z and again from 2000z until his sunrise at 2200z. QSL to: Thomas Bevenheim, Villa Sea Q, Ronda, Cebu Island 6034, Philippines.

ANTARCTICA ACTIVITY. Brian, KC4USB, is active from Byrd Surface Camp until February 10th. He can be found daily around 14270 kHz after 0030z. Henry, KC4USX, is active from Williams Field daily around 14270 kHz after 0300z. KC4AAG is active from Terra Nova Bay (new base), and also frequents 14270 kHz after 0300z. QSL all stations via K4MZU. Eddie, VI0ANT, is active from Davis Base (Australian) and continues to be active on 40 and 20 meters CW at various time. QSL via VK4EET.

DU0, SPRATLY ISLAND. (UPDATE) Bobby Garcia, DU6BG, (President of the Philippine Amateur Radio Association - PARA) will be leading an all Philippine team (no foreign operators will be allowed because of security reasons) to Spratly to activate DU0K on all bands and modes from April 10-16th. QSL via DU9RG.

ET, ETHIOPIA. ET3BT has been showing up on the 14226 DX Net around 1830z. QSL to Box 6128, Addis Ababa, Ethiopia.

J2, DJIBOUTI. J20UFT, who was active this past weekend on RTTY on 20 meters, mentioned his QSL Manager's (F5LBM) address in the callbook is incorrect. The correct address for F5LBM is Patrick LaBeaume, 38 Chemin Du Plateau, 67500 Hagueneau, France.

SOUTHEAST ASIA DXPEDITION. Information from the Tokyo Packet Cluster, reports JA2EZD will sign from Thailand (HS), Laos (XW), Vietnam (3W,XV) and Singapore (9V) from February 10th. No callsigns or bands of activity were mentioned.

SV/A, MOUNT ATHOS. Apollo, SV2ASP/A, was heard with DL5EBE working stateside station on 18140 kHz between 1315 and 1345z.

TN, CONGO. German members/friends of NODXA will be active from here until about February 29th. Permission to operate from the CONGO has been approved by their Secret Service and the licenses will be available upon their arrival in Brazzaville. The group departed January 25th and is

expected to arrive in Brazzaville on the 26th of Janaury. No word on their activites as been heard as this bulletin was being printed. There will be six operators: Holgert/DL7VTM, Birgit/DL7VTZ, Tom/DL7UTM and possibly Falk/DL7UTA, Fritz/DL7VRO and Silke (callsign unknown). They will be taking two complete stations (2-Yaesu FT-890`s, 3 Yagis, Linear Amps) and they plan to operate the satellites also. They are hoping to receive the following callsigns: TN4U for the ladies, TN4M for SSB and TN5N for CW. Frequencies will be plus or minus the usual DX frequencies. Meanwhile, a station signing TN9DX was heard on 40 meters CW between 2045 and 2345z. Station was saying QSL via N4ZA. WFWL!

VP2M, MONTSERRAT. (CORRECTION!) In last week's bulletin we mentioned that Art, WA2UJH, would be active from February 16-26th, but the QSL information was reported wrong (your editor was too quick with the fingers on the keyboard... hihi). The correct QSL route is via NW8F, not NW2F as reported.

VU7, ANDAMAN ISLANDS. According to VK4AAR on the Southern Cross Net, VU2JPS is active now from the Andamans. He is active only on 40 meters SSB, but may be active on the other bands soon. Check 7060 kHz around 0200z and 0730z. QSL via VU2JPS.

YA, AFGHANISTAN. (UPDATE) It is reported that John, YA/PA3BTQ, is reportedly in Mazar-i-Sharif with the International Red Cross and will be there for two more months. The operator was heard saying he would have antennas up for all bands including the lower bands at the end of January. QSL via CBA. WFWL! There have been no QSNs reported since last week, January 22nd.

ZL9, AUCKLAND ISLANDS. A group is headed to the island to do geological studies and make a documentary movie about this island group. In the this island group there is one larger island and five smaller islands, with several detached islands and rocky pinnacles. The complete team consists of 15 people, some scientist, a group of movie-makers and two ham radio operators. Leader of the expedition will be Dr. W. Juster, a geologist. The expedition to Auckland Island is planned to start on the 28th of January. The duration will be 18 days.

SPECIAL NOTE FROM EDITOR: There will probably be no bulletin next week (February 6), because of some personal activities. Please keep sending your DX information. (You may never know, I may put one together before the weekend, if I receive enough information.)

ONLY 2 MORE DAYS LEFT TO PARTICIPATE IN THE OPDX/NODXA DX SURVEY!!!! KEEP THOSE BALLOTS COMING! Ballots for the Fourth Annual OPDX/NODXA DX Survey can be found in OPDX.184. Ballots can be sent to the following packet and online addresses listed below.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

1160. OPDX/NODXA 1994 DX Survey (Last Call For Votes)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 21:22:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdxnodxa.9@ampr.org>
Source record: 252856
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB ALL @ ALLBBS $OPDXNODXA.9
OPDX/NODXA 1994 DX Survey

THE FOURTH ANNUAL OPDX/NODXA DX SURVEY FOR 1994
Here is your chance to be counted. Deadline will be January 31, 1995,
with results in February. The questions of the survey will deal with:

1) The DXer of the year. This is a DXer who you thought was outstanding
in operating and handling the pile-ups from their DXpedition.
2) DXpedition of the Year (Group and Indivdual). Choose the best and most
well organized DXpedition that met the needs of the DX community.
3) The 30 Most Wanted Countries. Choose your 30 most wanted countries.
4) OPTION: Your personal comments about DXing in 1994.

Please use the ballot below. Votes will only be accepted in the
following format below.

```
---------------------------------------------------------------------
Your | DXer of the Year| DXpedition of the| DXpedition of the
Callsign | (Person) | Year by a person | Year by a group
and QTH | | |
---------------------------------------------------------------------
CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most
wanted countries. List CW and SSB modes separately.
CW - AB,CD,EF
SSB - GH,IJ
---------------------------------------------------------------------
I work: [ ] only CW [ ] only SSB [ ] both CW/SSB
---------------------------------------------------------------------
Comments on DXing in 1994: (Text Any Length)
---------------------------------------------------------------------
```

* Just Fill-in The Blanks And Send It To One Of The Three Address:
"Packet Radio" - KB8NW @ WA8BXN.OH.USA.NA
"InterNet" - DX-SURVEY@barf80.nshore.org
"PRODIGY" - DFJH48A

1994 OPDX/NODXA DX Survey

Example Ballot:

```
---------------------------------------------------------------------
| | |
| | |
---------------------------------------------------------------------
CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most
```

wanted countries. List CW and SSB modes separately.
CW -
SSB -

I work: [ ] only CW [ ] only SSB [ ] both CW/SSB

Comments: (Text Any Length)
I think DXing in 1994 was.....

/EX

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

1161. Mobile installation:

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 22:24:52 UTC
From: bob.elliott@shivasys.com
Message-ID: <9501292224.0VHL700@shivasys.com>
Source record: 252929

NE>From: dave@eram.esi.com.au (Dave Horsfall)
NE>Newsgroups: rec.radio.amateur.misc
NE>Subject: Re: Mobile installation: why 2 fuses?
NE>Date: 25 Jan 1995 18:30:53 +1100
NE>Organization: Pacific ESI, Sydney, Australia

NE>In article <3g4518$bhi@gort.oit.umass.edu>,
NE> aswNS@hamp.hampshire.edu (Albert S Woodhull) writes:

NE>| I have often read recommendations that mobile equipment be installed with
NE>| two power leads direct to the battery positive and negative terminals,
NE>| and that both leads be fused near the battery.
NE>|
NE>| I have never understood the logic of the fuse in the negative lead. It
NE>| tends to presented as revealed truth. Can sometime justify it?

I am the Installation Manager of a Motorola shop here in town. You
should never -need- to connect the negative wire of a radio directly to
the battery post. This opens you up for ignition/fuel pump noise. It
doesn't always happen but often enough to not do it. Ground the radio to
the firewall or floorpan of the vehicle. However, if you simply MUST run
the negative wire to the battery you MUST put a fuse in the lead at the
battery. The main reason for doing this is in case the vehicles ground
lead becomes disconnected (for what ever reason, like corrosion or
stupid mechanics) then your car WILL NOT be able to pull the extreme
current from running the engine THROUGH your expensive ham rig and that
thin little negative lead wire and burning your car up in the process.
The main thing to remember about ground leads is to keep them clean,
keep them short, and keep them direct. <<end of sermon>>

--Bob bob.elliott@shivasys.com

* SLMR 2.1a * Beauty is in the eye of the beer holder

1162. <none>

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 22:49:29 UTC
From: Driver Jerrel L <GT83STU@SEMOVM.SEMO.EDU>
Message-ID: <29JAN95.18170841.0013@SEMOVM.SEMO.EDU>
Source record: 252857

Would appreciate any information pertaining to the reception of radio frequency signals, authorized or unauthorized, by persons wearing dental fillings, orhtodonatal appliances, etc. Please supply verifiable, references and personal ancedotes or stories if possible. Also, any additional information regarding use of appliances such as bone conduction hearing aids which might cause this phenomenon. Thanks in advance.

1163. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 23:24:56 UTC
From: bob@texas.net
Message-ID: <3gh848$cme@empire.texas.net>
Source record: 252858

In article <9501291119554105@infoplus.uu.holonet.net>, sysop@infoplus.uu.holonet.net (Sysop) says:

>
>
> Ham Radio CDROM with Windows based Callsign Database
> ----------
>
>Information Plus is pleased to offer a superb Ham Radio CDROM
>featuring:
/\/\/\/\/\/\/\/\ Chainsaw Inserted Here /\/\/\/\/\/\/\/\/\

GAWD! See what I mean guys? Now we've got *two* of them at it.
I sent a complaint to admin@uu.holonet.net -- somebody let me
know if there's a better address to post complaints to.

Maybe we can get HRO to post their catalogs here too!

Wishing you an unexpected IRS audit,
Bob

Bob Scott | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

1164. Manchester NH ARRL Convention, date of?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 23:27:17 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3gh88l$gdd@ixnews1.ix.netcom.com>
Source record: 252859

Could anyone please give me the dates and any other available
details about the ARRL convention in Manchester NH this Summer. I'm
especially interested in obtaining the >dates< at this time so that I
can request vacation time from my employer now and thus avoid scheduling
conflicts with other employees.
Thank you, Arthur, N1NHZ, Boston Amateur Radio Club

1165. 7 ham radio conferences???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-29 23:59:00 UTC
From: tom.alldread@kbsbbs.com
Message-ID: <9501291820551639O@kbsbbs.com>
Source record: 252860

Greetings to All:

I noticed a message that suggested there are 7 conferences
dedicated to amateur radio on the INTERNET. I currently get the antenna,
homebrew, packet, space and misc conferences. Can someone tell me the
names of the ones that I am missing out on?

73 de VE7TMA

---
* QMPro 1.53 * Very Best Regards, tom.alldread@kbsbbs.com

1166. Re: 16 button phones

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 00:39:01 UTC
From: houlejm@ireq.hydro.qc.ca
Message-ID: <houlejm-2901951939010001@mac8.ireq.hydro.qc.ca>
Source record: 252861

In article <3g98ki$3br@innsrv.sce.com>, scurrie@vnet.ibm.com wrote:

> Some time back I noticed a phone in the imfamous "DAK" catalog that had
> a 16 button pad on it (that's right, ABCD). I ordered one and have found
> it very useful for controlling my repeater via the phone line. Recently,
> I have had a lot of requests from other members of the group for similar
> phones. I checked with DAK and other sources, but I can't find either the
> same phone I have or any other that has a 16 button pad. Has anyone else
> seen one of these or did I get a one of a kind?
>

I control our club's repeater using 16 DTMF codes but I use a modem to do it.

--
Jean-Marie VE2AEY

1167. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 00:48:48 UTC
From: decastro@netcom.com
Message-ID: <decastroD370xC.KCw@netcom.com>
Source record: 252862
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

barry@perth.DIALix.oz.au (Barry O'Grady) writes:

>: (bunch of stuff deleted)
>
>Actually should be 2-metre

Only for you Pomes that can't spell <g>.

--
==========
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==========

1168. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 01:59:56 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3ghh6s$skv@crcnis3.unl.edu>
Source record: 252863

Sysop (sysop@infoplus.uu.holonet.net) wrote:

: Ham Radio CDROM with Windows based Callsign Database

(advertising deleted)

I love browsing through QST and CQ looking at all the ads. That's one of the reasons I subscribe to the magazines...and one of the reasons I can afford the magazines...because advertisers PAY for their ads.

Wouldn't it be great! Wouldn't it be great if every one of those advertisers posted an ad right here on the internet every day!? Just think of it! No more waiting for the mailman each month! And if they used WWW, just think of the great graphics! And sound! Wow!

(Tongue-in-cheek mode off)

Each of us knows...or should know...that this sort of advertising is contrary to internet policy. I am considering purchase of a CD ROM for callbook reference and was having a difficult time deciding among the several available. Now that job just got easier...scratch two possibilities off the list. Thanks much.

Greg

1169. Who's "Herbie baby"?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 02:10:34 UTC
From: tomsunman@aol.com
Message-ID: <3ghhqq$jjv@newsbf02.news.aol.com>
Source record: 252864

Hi folks. Can someone give me some info on this guy I hear on 14.300 ssb. I live in N.Y. and every mid-afternoon I hear this nut and he keeps saying "Herbie baby #1". Then he goes a little off if someone gets on his case. I'm just curious if anybody has heard him and what his story is! The guy doesn't seem to be playing with a full deck. He doesn't I.D. himself as required by ALL amateur radio operators either. He seems to be a regular on that freq.

Tom
KB2SMS

1170. Re: need words for abbrev N1UAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 02:36:10 UTC
From: alanb@sr.hp.com
Message-ID: <3ghjaq$ge8@canyon.sr.hp.com>
Source record: 252865

Techman (techman@ace.com) wrote:

: need words for the UAN part of the call thanks in advance looking
: forward to some good ones
: 73 BOB N1UAN

Under-Achieving Novice
Ugly Amorphous Nose
Un-American Nickame
Nincompoop
Nobody
Nation
Nazi
etc...

Or to really confuse people:

You 8 Insulators :=)

AL N1AL

1171. Re: NOVICE ROUNDUP (last one???)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 02:43:10 UTC
From: tigger@prairienet.org
Message-ID: <3ghjnu$48@vixen.cso.uiuc.edu>
Source record: 252866

In a previous article, aditya@corp.sgi.com (Aditya Angrish) says:

>Novice Roundup (last?) begins 0000z Saturday the 28th and runs thru
>2400z Sunday Feb 5th. Please plan on monitoring the Novice subbands
>during this period.
>
>Thanks
>
>Aditya
>KE6PRL
>

Yeah, this would be a good thing. Give some Novices/Techs some QSO's this week. And all you Novices & Techs out there, if you don't operate much CW, this is a great time to dust off the key.

73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:302 worked/283 cfmd

"A village without music is a dead place." -Yoruba proverb

1172. Win. Packet Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 03:33:38 UTC
From: KE3OK@aol.COM
Message-ID: <950129223214_4310136@aol.com>
Source record: 252867

Does anyone know if there is some Windows compatable software to control my Kantronics KAM?
I hate the software that came with it. Please email me directly. Thanks and 73, Alan

1173. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 03:59:03 UTC
From: scotty@iquest.com
Message-ID: <3gho67$uki@polo.iquest.com>
Source record: 252868

In article <3g1vkf$9pm@newsbf02.news.aol.com>, horrock@aol.com (Horrock) says:
>
>I hate to ask this...but...I missed what freq K1MAN uses.
>
>Would someone please E-mail me the freq?
>
>I plan to use him as a 75 meter beacon!
>
>Regards.

1174. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 04:01:42 UTC
From: scotty@iquest.com
Message-ID: <3ghob6$uki@polo.iquest.com>
Source record: 252869

In article <3g1vkf$9pm@newsbf02.news.aol.com>, horrock@aol.com (Horrock) says:
>
>I hate to ask this...but...I missed what freq K1MAN uses.
>
>Would someone please E-mail me the freq?
>
>I plan to use him as a 75 meter beacon!
>
>Regards.

Might make a good tune up frequency as well. Maybe as handy as the
international broadcasters on 40 phone

1175. address of United-Page, Inc.?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 04:21:12 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3ghpfo$cu3@omnifest.uwm.edu>
Source record: 252870

Does anyone have a current address for this company? Mail was recently returned from this (1989) address:

United-Page, Inc.
481 Getty Avenue
PO Box 765
Patterson, NJ 07533

TNX ES 73,

Rick WB9GYT

1176. Phonetics Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 04:32:51 UTC
From: bshapiro@kaiwan009.kaiwan.com
Message-ID: <3ghq5j$gse@kaiwan009.kaiwan.com>
Source record: 252871

My call is KE6MVB and I am looking for some good phonetics. I usually use
Kilo echo six mike victor bravo. I am looking for something more creative.

--

I can't believe it, I said something smart!
-Ben KE6MVB Shapiro bshapiro@kaiwan.com

1177. Re: Win. Packet Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:12:05 UTC
From: wakko@lamar.colostate.edu
Message-ID: <3ghsf5$2te1@yuma.ACNS.ColoState.EDU>
Source record: 252872

In article <950129223214_4310136@aol.com>, KE3OK@aol.COM says...
>
>Does anyone know if there is some Windows compatable software to control
my
>Kantronics KAM?
>I hate the software that came with it. Please email me directly.
Thanks and
>73, Alan

try AOL or CIS. There is a bunch of stuff in their packet dir's...
oak.oakland.edu has a pretty good ftp site as well.

al
KB0PYY

1178. Re: Kenwood TH28a--battery life

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:26:15 UTC
From: c.king@cowan.edu.au
Message-ID: <3ght9n$ih0@bluering.cowan.edu.au>
Source record: 252873

In article <3gbul1$9bu@agate.berkeley.edu>, asch@eerc.berkeley.edu (Mark Aschheim) says:
>
>Hi all. I'm new to amateur radio and have a question about battery life
>and using alternative power sources. I have been told that to get the
>best battery life, I should drain the battery completely before recharging
>it. The recharging is done by plugging in a wall adaptor into the HT with
>the battery plugged in, for not more than 15 hours.
>
>The HT is operable when the external power source is applied. I don't know
>if the unit is recharging while operational, but my greater concern is
>whether using external power with the battery plugged in but not fully
>drained will increase the number of partial recharging cycles and thereby
>hurt the longevity of the battery. So I ask those of you reading this
>whether it is bad practice to have an external power supply connected in
>to the TH28a while a non-fully drained battery is loaded in the unit.
>Any ideas? Would it be ok to plug in the external supply only while the
>unit is turned on, to possibly avoid recharging the battery?
>
>Thanks in advance
>Mark Aschheim KE6PAJ
>asch@eerc.berkeley.edu
>

you answered your own questions exactly. don't TX while charging and removing battery to TX on power is OK

73's

Charlie VK6ZCK

1179. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:26:29 UTC
From: little@iamu.chi.dec.com
Message-ID: <3ghta5$p7r@jac.zko.dec.com>
Source record: 252874

In article <3gfk0k$vlq@blue.weeg.uiowa.edu>, rawiley@blue.weeg.uiowa.edu (R. Wiley) writes:
|>little@iamu.chi.dec.com (Todd Little) writes:
|>
|>>|>The black lead to your radio is the negative lead. It is parallel
|>>|>to the mounting bracket and coax shield.
|>
|>>And becomes the return path to the battery if the connection from the
|>>battery to the chassis is broken and the connection from your radio's
|>>power lead is still attached to the battery terminal. Now instead
|>>of the current flowing from the chassis to the grand strap to the
|>>battery terminal, it flows from the chassis, through whatever
|>>part of your radio system is grounded, i.e. antenna coax, mounting
|>>bracket, etc., and then finally through the power lead of your radio
|>>to the battery terminal.
|>
|>And then the fuse in the power lead opens.

I think you missed the previous post. The current draw being discussed isn't from the radio perse, it is from the starter. The ground path for the starter is generally from the starter through the chassis to a strap going to the negative terminal of the battery. If that strap breaks, now your radio is the only connection from the car's chassis to the battery's negative terminal. Hence it takes all the current your starter tries to use until either the car starts (goodness), the ground wire melts (not so good), some PC trace from the radio's case (grounded to the chassis) to the negative power lead blows off the board (very bad for the radio).

As others have said, a $2 fuse and holder is pretty cheap insurance.

73,
Todd
N9MWB

1180. RE: Magazine article inp

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:29:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.26472.2099@nitelog.com>
Source record: 252875

SB> From: Test <70007.412@CompuServe.COM>
SB> Newsgroups: rec.radio.amateur.misc
SB> Subject: Magazine Article Input Sought
SB> Date: 23 Jan 1995 06:32:51 GMT
SB> Organization: compuserve.com
SB> Lines: 17
SB> Message-ID: <3fviij$225$2@mhade.production.compuserve.com>

SB> All,
SB> I'm writing an article for CompuServe Magazine on ham
SB> radio emergency communications.
SB> I would like to hear from hams who have pitched in during
SB> disaster situations.
SB> Tell me what you've done. How it helped. How did you get
SB> and relay information?
SB> Finally, I would like your view on ham radio emergency
SB> communications in this age of cellular phones and satellite
SB> links. What can ham radio do that these technologies can't.
SB> Be sure to include your city/state and occupation so I can
SB> properly identify you in the article.
SB> This is a golden opportunity for ham radio to state its
SB> case before millions of readers worldwide. I hope you'll
SB> help me bring the message across.
SB> 73, John Edwards, KI2U, Contributing Editor, CompuServe
SB> Magazine

John,

You may reference my article in Worldradio (June 1993) concerning the three weeks I spent co-coordinating communication for the American Red Cross on Kauai after Hurricane Iniki in 1992.

There is also a posting on this newsgroup with the Subj: Good Press for Amateurs!

If you need another copy of either of these, let me know.

SB> Finally, I would like your view on ham radio emergency
SB> communications in this age of cellular phones and satellite
SB> links. What can ham radio do that these technologies can't.

The biggest difference is you never get a busy signal on Amateur Radio.

Aloha+73 de Greg Pool WH6DT
ARES Emergency Coordinator
Monterey Peninsula CA

greg.pool@nitelog.com

1181. F6FBB BBS VIA E-MAIL

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:37:10 UTC
From: daniel.meredith@phx-az.com
Message-ID: <9501292240317450@phx-az.com>
Source record: 252876

```
F6FBB SUPPORT BBS E-MAIL SERVER
-------------------------------

wcARCHIE 4.01 Help Commands

Place All Commands On The SUBJECT LINE Of Your Email.

ARCHIE Commands - Send Email To: archie@phx-az.com
---------------------------------------------------------------------
HELP - Returns This Help File
<text> - Returns A List Of Files With Descriptions Containing <text>

GETFILE Commands - Send Email To: getfile@phx-az.com
---------------------------------------------------------------------
HELP - Returns This Help File
FILES - Returns A List Of Available Files
<filename> - If Found, Returns <filename> As A Message File Attachment

PUTFILE Commands - Send Email To: putfile@phx-az.com
---------------------------------------------------------------------
HELP - Returns This Help File
<password> - Processes File If <password> Matches System Password

GETINFO Commands - Send Email To: getinfo@phx-az.com
---------------------------------------------------------------------
No Commands Needed

MAILBOT Commands - Send Email To: mailbot@phx-az.com
---------------------------------------------------------------------
HELP - Returns This Help File
INFO - Returns A List Of Available MAILBOT Files
<filename> - If Found, Returns <filename> As A Message

For Further Information, Please Contact <sysop@phx-az.com>.

----- \---------------/ -----
Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1-602-489-7384
P.O. Box 44563 Fax : +1-602-956-2566
Phoenix, Arizona BBS : +1-602-912-0225
85064-4563

List Owner: F6fbb-List@Phx-Az.Com
Arizona Amateur Radio VHF/UHF Digital Coordinator
```

1182. F6FBB LIST SERVICE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:38:30 UTC
From: daniel.meredith@phx-az.com
Message-ID: <9501292240317451@phx-az.com>
Source record: 252877

Attention F6FBB Sysops/Networkers!

Welcome!
A Forum Is Available For F6FBB Sysops. The Purpose Of This Server
To Provide Sysops and Networkers With Tricks/Tips/Help and New Software
Updates Concerning The F6FBB Bulletin Board System.

To Add Yourself To This List, Please Send Electronic Mail To:

F6FBB-LIST@PHX-AZ.COM

And Include The Command:

SUBSCRIBE

As The SUBJECT of Your Message.

The F6FBB Server Has Been Established To Help Sysops and Networkers Alik
Providing Help and Information In A Timely Manner. Sharing of Software
Other Miscellaneous Information Via The Server Is Quite Alright.

\----------
Daniel J. Meredith N7MRP Internet: n7mrp@phx-az.com
P.O. Box 45378 Ax.25: n7mrp@n7mrp.az.usa.na
Phoenix, Arizona Voice: +1-602-489-7384
85064-5378 Data: +1-602-912-0225
Fax: +1-602-956-2566

1183. FBB LIST VIA PACKET RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 05:39:49 UTC
From: daniel.meredith@phx-az.com
Message-ID: <9501292240317452@phx-az.com>
Source record: 252928

Hi All!
The F6FBB LIST IS AVAILABLE NOW VIA PACKET RADIO!!!

FBB Packet Server!

Attention F6FBB Sysops/Networkers!

Welcome!
A forum is available for FBB Sysops. The purpose of the server is
to provide Sysops and Networkers with tricks/tips/help and new software
updates concerning the F6FBB bulletin board system.

To Add Yourself To This List, Please Send Electronic Mail To:

LSERV@N7MRP.AZ.USA.NA

ANY Subject Will Do.
Message Body Should Read:

SUBSCRIBE FBB

As The First Line of Your Message.

Requests For Help Should Be Sent To:

SYSOP@N7MRP.AZ.USA.NA

(Your Help Request Will Be Sent To The Sysop - Please Be Specific)

Daniel J. Meredith

Ax.25 = n7mrp@n7mrp.az.usa.na
Internet = n7mrp@phx-az.com

----- \---------------/ -----
Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1-602-489-7384
P.O. Box 44563 Fax : +1-602-956-2566
Phoenix, Arizona BBS : +1-602-912-0225
85064-4563

List Owner: F6fbb-List@Phx-Az.Com
Arizona Amateur Radio VHF/UHF Digital Coordinator

1184. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 08:26:47 UTC
From: mike@dino.eng.monash.edu.au
Message-ID: <3gi7s7$o29@harbinger.cc.monash.edu.au>
Source record: 252930
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

Hi ..

Erik Wahlstrom (erikw@bat.engr.sgi.com) wrote:
: So I recently picked up a used AR1000XLT that i found in the paper. After some
: stomping of feet, pulling of hair, and cursing the human factors group at AOR,
: i think i am finally getting the hang of the, so called "User Interface".
: Being a Hardware guy i couldn't resist the opportunity to take it apart
: and have a look. Not to many surprises really, except one, the scanner is
: controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
: by NEC with an 8kB external ROM. So i am wondering if anyone has been
: successful at interfaceing to it. It sure wound be allot simpler to program
: those 1000 channels using my computer. Any takers?

If you can get the data/spec sheet for the cpu then I can try and make
an interface. I've tried without success to get one.

Mike

1185. Tone burst for ICOM W21AT?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 08:48:31 UTC
From: oprafa@news.cica.es
Message-ID: <3gi94v$st6@obelix.cica.es>
Source record: 252931

Hello!. I'm a proud owner of a W21AT unit. I've got all the
useful sw mods provided for my HT, but I'd like to know how
could I get, if possible, the characteristic European
1750 Hz tone call for repeaters, etc. . Because of the
HT model (AT), there's no tone burst although there is
a keystroke for it...

Is there anyone who knows the mod...?

Thanks in advance,

Rafael Perez Rosales
EB7BMC
Sevilla, Spain

1186. Re: RFI - TNC/Keyboard

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 10:24:24 UTC
From: rdonnell@eskimo.com
Message-ID: <OvBBlWml1y2O078yn@eskimo.com>
Source record: 252932

In article <3gcctc$dp@ixnews3.ix.netcom.com>,
brannick@ix.netcom.com (Bill Brannick) wrote:
> I have recently purchased an Ameritron 811H amplifier primarily to help
> my sigs on 40 and 80 meter. Works well on SSB and CW.
>
> However I also like to work the digital modes (RTTY, Amtor, Pactor)
> but have found that if a run the amp at all, I am getting RF into the
> Computer keyboard, a recent Gateway product and to some degree into the
> AEA 232MBX, to the extent that the green "STA" lamp (normally
> extinguished in these modes) glows brightly as I increase power. These
> problems only exist on 40 and 80. The dipole I use for these bands is
> probably 40 feet away (straight line distance)
>
> I have already added two 4 inch ferrite rods into the coiled portion of
> the keyboard cable, which as resulted in limited, but perceptable
> improvement.
>
> I have no ideas as to what to do on the TNC except for trying the
> Radio Shack chokes on each connection at the back of the unit.
>
> Initially I thought perhaps the TNC problems were causing the keyboard
> thing, but have eliminated that possibility by bringing up my word
> processor and finding that the keys are effected there also if the
> amplifier is "key-down"
>
> Any suggestions would be appreciated.
>
>
> --
> ____
> Bill Brannick | brannick@ix.netcom.com
> " Life is just one damned thing after another "
> -- Frank Ward O'Malley

Hi Bill,

The only way I know of for the STA indicator to be affected as you
describe is if you are not using the AEA provided RS-232 cable.

It so happens that pin 22 on the PK-232's RS-232 connector (usually used
as the 'ring indicator' pin for phone modems) is actually used by the
PK-232 as part of the parallel port that's sometimes used for direct
printing of FAX or text.

In the case of pin 22 specificly, an output from the Z8536 in the PK-232 is connected to pin 22, and also connected to the LED driver for the STA indicator. On a normal PC RS-232 port, pin 22 (or it's 9-pin equivalent) is also an input. Therefore this conductor is basicly 'floating', and a prime suspect to act as an antenna to pick up stray RF.

I'll bet you find that if you use the original cable that came with the PK-232, or if you break off pin 22 (which should not be connected anyway), that you will solve the STA indicator problem.

Not doing one or the other of these >does< have the potential of damaging the Z8536 chip in your PK-232 - and those guys are both not easy to find, and not cheap. I know - at AEA I sold lots of them.

73, and good luck!

Bob, KD7NM

--

| Bob Donnell, KD7NM bob@ethanac.kd7nm.ampr.org rdonnell@eskimo.com |
| Western Washington Amateur IP Address Coordinator (206) 775-3651 |

1187. Re: 16 button phones

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 10:29:13 UTC
From: rwilkins@ccnet.com
Message-ID: <3gif1p$s7j@ccnet3.ccnet.com>
Source record: 252933

Mike Morris (morris@grian.cps.altadena.ca.us) recently wrote in
<1995Jan27.090102.9353@grian.cps.altadena.ca.us>:

: In my old Graybar Telephone Products catalog they show ITT 16-button
: pads as orderable parts. If the matching faceplates are available

We used to order the lighted 16-button pads. They were similar to the old
princess dials with illumination from beneath. Those lighted Autovon pads
still command a high price at flea markets today. The FO key had special
meaning on a lot of repeaters ;-) many many years ago.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

1188. Ham fests

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 10:56:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F2CC64B@smtp>
Source record: 252934

Does anyone know if there are any hamfests weekend of March 11 in NCal, IL, NY or MA? If any in these areas, can you supply details when they are?
Thanks in advance,
Peter, KC1QF

1189. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 11:46:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.22954.7585.0NFB90E1@woodybbs.com>
Source record: 252935

```
The following files were processed Monday 01-30-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ANART842.ZIP 7,998 ANART Bulletin #842 01/22/95
ARLB005.ZIP 1,803 01/20/95 - Bulletin Hoax
ARLB006.ZIP 2,108 01/24/95 - Hams aid Japan relief
ARLB007.ZIP 2,366 01/25/95 - Vanity calls soon
ARLB008.ZIP 2,580 01/26/95 - Board meeting news
ARLB009.ZIP 1,920 01/27/95 - Two apply to IARU
ARLD004.ZIP 3,617 01/26/95 - DX News
ARLX005.ZIP 2,089 01/23/95 - Ballon Launch slated
ARLX006.ZIP 2,004 01/27/95 - Young Ham nominations
IRTS0122.ZIP 3,777 IRTS Bulletin 01/22/95
OPDX191.ZIP 5,396 Oh/Pa DX Bulletin 01/23/95
OPDX191A.ZIP 1,566 Correction to OPDX191 01/23/95
PFQ0122.ZIP 15,840 VK2PFQ President's address / WICEN News
RAC0295.ZIP 2,369 RAC Spcl News Bulletin 01/23/95
RTDX0120.ZIP 3,020 RTTY DX Bulletin 01/20/95
RTDX0127.ZIP 3,514 RTTY DX Bulletin 01/27/95
VK2-0122.ZIP 2,611 VK2 WICEN News 01/22/95
--------------------------------------------------------------------------------
64,578 bytes in 17 file(s)

HAMPACK HAM: Packet Communication programs
--------------------------------------------------------------------------------
SERV515C.ZIP 2,205 Patch serv.exe - fbb ver. 5.15c, I5SGG
--------------------------------------------------------------------------------
2,205 bytes in 1 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT021.ZIP 5,359 AmSat Bulletin #021 01/21/95
ARLK003.ZIP 3,347 ARRL Keplerian Bulletin 01/21/95
ARLS003.ZIP 1,916 01/27/95 - 2 more astro-hams
OBS027.ZIP 6,891 Ansat Orbital Elements #027 01/27/95
SATRKV30.ZIP 544,203 Satellite tracker V3.0 for Unix/Linux - ren .tgz
SPC0123.ZIP 4,870 Space News 01/23/95
SPC0130.ZIP 4,934 Space News 01/30/95
--------------------------------------------------------------------------------
571,520 bytes in 7 file(s)

Total of 638,303 in 25 file(s)
```

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 22d1556a Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

1190. Re: The Famous ham.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 13:30:18 UTC
From: lambj@EX1.WES.ARMY.MIL
Message-ID: <lambj.135.002767F6@EX1.WES.ARMY.MIL>
Source record: 252616

In article <Tony_Pelliccio-280195150302@cis-ts5-slip9.cis.brown.edu>
Tony_Pelliccio@brown.edu (Tony Pelliccio) writes:
>From: Tony_Pelliccio@brown.edu (Tony Pelliccio)
>Subject: Re: The Famous ham.
>Date: 28 Jan 1995 20:01:03 GMT

>In article <Steve.Hideg.1-2501952156200001@hideg.cc.nd.edu>,
>Steve.Hideg.1@nd.edu (Steve Hideg) wrote:

>>
>> Isn't country singer Patty Loveless a ham, too?
>>
>> Anyone know her callsign?
>>

>Just telnet to cs.buffao.edu:2000 and use NAME Loveless -f Patricia
>(The -f switch could also be Patty, etc.)

Patty Loveless is KD4WUJ. She is listed as Patty L. Ramey.
Her husband and record producer is Emory L. Gordy, Jr., W4WRO

<><><>

1191. Re: 1995 Field Day date ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 13:30:56 UTC
From: bob@mtdcr.att.com
Message-ID: <D3807K.wx@nntpa.cb.att.com>
Source record: 252936

From article <93.22507.7585.0NFB8FB9@woodybbs.com>, by tom.hammond@woodybbs.com (Tom Hammond):
> ME>When's Field Day this year (1995)? .
>
> ME> June-sometime, what days?
>
> It's usually the last full weekend in June... thus, it (should) be
> June 24-25, 1995.

It's always the fourth full weekend in June. Usually that's the last full weekend, but not always.

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

1192. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 13:32:53 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3gipq5$6s5@acme.freenet.columbus.oh.us>
Source record: 252937

David Adams (dadams@cray.com) wrote:
: In article 791067618snz@microvst.demon.co.uk, tgold@microvst.demon.co.uk ("Anthony R. Gold") writes:
: > In article <gbass-2501951235300001@gbass.mitre.org>
: > gbass@mitre.org "Jerry Bass" writes:
: >
: > > There is a Technical Service Bulletin from Chrysler regarding the
: > > installation of transmitters in Jeeps. It specifically says NOT to fuse
: > > the ground lead at the battery. The service manager told me that there is
: > > some possibilities of blowing some electronic modules if the ground fuse
: > > blows and those modules would not be covered by Chrysler.
: >
: > I would guess they mean not to fuse the lead from the battery to the
: > body of the car. I doubt they are concerned about the ground lead of
: > accessory equipment.
: >

: The best reason I have heard is this:

: Suppose that for some unfortunate reason your ground cable is broken,
: [the cable that connects the negative terminal of your battery
: to the frame of the car]
: coroded, or disconnected, and you go to start your car. Now the
: negative battery terminal is only connected to the ground of the
: car by means of your radio power supply wire, a few components
: in your radio, and the cable that attaches your antenna to
: the metal ground of your car. All the amps that your starter
: is trying to draw are being pushed through the sensitive
: components of your radio, probably frying them.

Except I NEVER connect up the radio until after I start the vehicle and
if it stalls I disconnect the power first before restarting.
73,
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

1193. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 13:55:04 UTC
From: milcom@netcom.com
Message-ID: <milcomD381Bs.213@netcom.com>
Source record: 252938

In article <D2n9Ft.72I@hpqmoea.sqf.hp.com>, dstock@hpqmdla.sqf.hp.com says...
>
> Just for fun, to balance things up a little, and not for public
>release, of course; does anyone know of any notorious radio amateurs ?
>Axe murderers, bank robbers, cannibals, politicians... etc.

By far the most notorious has to be Richard Burton former WB6JAC now known as just N6 or the "mystery guest". Has been jailed three times for talking on the radio. Now just listens on a scanner but still gets rebroadcast through the telephone occasionally by a few not so law abiding hams. The FCC once sent a helecopter just past the state border so they could pick up his signal out of state so it could be considered a federal matter.

Another recent development is the ham Tim Seawolf KJ5KE was never in trouble with the FCC. He declared on the air war with the CLARA repeater group. CLARA had to take him to court twice to restrain him legally from using their repeater. During his tirade their machine was made totally useless except for jamming, which seems to have lasted for nearly a year. Now the CLARA repeater club is a small fraction of its previous size after most of its members realized the corruption in its higher ranks. I heard one clara member was convicted of murder.

On another repeater their was Jeff Bregal KD6NBD who has been jailed for what I understand to be 5 DUI's, needless to say his radio practicies were less than perfect. Keven Mitnick, the notorious hacker was also a semi-active ham.

1194. Anyone know of an Icom IC-575H (6m/10m) For Sale?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 14:01:47 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <791474507snz@microvst.demon.co.uk>
Source record: 252939

Sorry to post this here, but I have been trying the .swap group for a couple of months now with no luck. I guess that owners of these don't yet know that they want to sell!

If anyone knows of one of these that seems under-used, perhaps you'd mention me to its owner.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

1195. HR2600 12M mods info

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 14:29:02 UTC
From: knight@cae.cig.mot.com
Message-ID: <3git3e$7v5@delphinium.cig.mot.com>
Source record: 252940
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I understand there are mods available for the HR2510/2600 to move it up to 12M. I'd appreciate if someone could point me in the correct direction for this ... I've checked out several FTP sites, and have not found anything.

73,

Paul
WD8DKY
knight@cae.cig.mot.com

1196. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 14:44:26 UTC
From: ehare@arrl.org
Message-ID: <1995Jan30.144426.4625@arrl.org>
Source record: 252941

Steve Willoughby (steve@ichips.intel.com) wrote:

: I seem to recall a circuit that could be built to "zap" or "condition"
: Ni-Cd batteries which were in this state, so that they would take a
: full charge once again.

: If anyone has information on how this could be done, either with a
: commercial product or (preferably) a do-it-yourself circuit, it would
: be much appreciated.

Steve,

See QST November 1994. Our very own Mike Gruber, ARRL Lab Engineer,
wrote a two-page article on the subject. See also QST Febrary 1992,
QST August 1990 for related articles.

73 from ARRL HQ, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

1197. Re: Crystals

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:10:15 UTC
From: zlau@arrl.org
Message-ID: <1995Jan30.151015.5530@arrl.org>
Source record: 252942

4Z4TJ RAFI@BGUVMS.BGU.AC.IL wrote:

: In the past I have ordered crystals for old 2 m rigs, HB projects
: etc from JAN Crystals in Florida but their prices are now about twice
: what they were a few years ago. Anybody know of a more economical
: source???

The cheapest crystals are computer clock crystals. If you can redesign
your circuitry to use the readily available frequencies you can reduce
the cost of the crystals to $1 to $2 quite easily. Unfortunately, as
more and more people do this the market for custom crystals shrinks--so
you can expect the cost of custom crystals to rise (it is tough to
shrink the cost of doing business when sales drop).

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

1198. Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:11:16 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3givik$1qv7@yuma.ACNS.ColoState.EDU>
Source record: 252944
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Hopefully, we've all heard about the gate system and ... but, which forms of vanity calls will be available? Will it be only the groups currently available or will calls like W0A, N7, ... and calls of the form A#x or A#xx... be available?

Anybody know?

1199. Need Examples of "Ham-Friendly" Tower Zoning Reg.'s

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:12:16 UTC
From: mebly@Glue.umd.edu
Message-ID: <3givkg$72c@eiffel.src.umd.edu>
Source record: 252943

In an apparent effort to control cellular telephone communication towers, the county I live in is amending its zoning regulations to address towers. Their first cut at the regulations is not very good. This appears to be due to ignorance, not an effort to regulate ham radio antennas out of existence.

Unfortunately, it appears they are going to regulate towers. Can anyone provide examples of "ham-friendly" tower zoning regulations? I've been talking to the cellular phone people and the county people and I think that we can influence the final regulations.

Please send any relevant information you can to me via e-mail. Thanks in advance and 73.

--
Mark Bailey KD4D Motto: Life's too short to drink cheap beer.
mebly@glue.umd.edu Disclaimer: I didn't really say this.

1200. Re: HR2600 12M mods info

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:20:52 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3gj04k$20sv@yuma.ACNS.ColoState.EDU>
Source record: 252945
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <3git3e$7v5@delphinium.cig.mot.com> knight@cae.cig.mot.com writes:
>I understand there are mods available for the HR2510/2600 to move it
>up to 12M. I'd appreciate if someone could point me in the correct
>direction for this ... I've checked out several FTP sites, and have

Get a catalog from ChipSwitch (707-539-0512). I think the 12m mod
requires some added filter circuitry and a new microprocessor chip.

1201. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:25:25 UTC
From: bill@triangle.cs.uofs.edu
Message-ID: <3gj0d6$de0@gopher.cs.uofs.edu>
Source record: 252946

In article <jgardnerD2xHKw.Dq9@netcom.com>, jgardner@netcom.com (Jerry Gardner) writes:
|>
|> How about K6MMZ ?
|>

What about it??

Callbook v1.3 Bug reports to bowen@cs.buffalo.edu Type 'help' for help
>> call k6mmz
No references found
>>

bill KB3YV

--
Bill Gunshannon | de-moc-ra-cy (di mok' ra see) n. Three wolves
bill@cs.uofs.edu | and a sheep voting on what's for dinner.
University of Scranton |
Scranton, Pennsylvania | #include <std.disclaimer.h>

1202. ICOM IC H-16T

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:45:25 UTC
From: "Magnus Nilsson (SM6VFJ)" <df9416@ios.chalmers.se>
Message-ID: <3gj1il$rl@nyheter.chalmers.se>
Source record: 252947

Does anyone know how to program channels/freqs. in the IC H-16T

// TNX ES 73,
Magnus SM6VFJ
df9416@ios.chalmers.se

1203. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:45:36 UTC
From: n1ist@netcom.com
Message-ID: <n1istD386G0.D06@netcom.com>
Source record: 252948

In article <3gipq5$6s5@acme.freenet.columbus.oh.us> jtesta@freenet.columbus.oh.us (Joseph Testa) writes:
[Much about why to fuse the negative lead if it is connected to the battery]
-Except I NEVER connect up the radio until after I start the vehicle and
-if it stalls I disconnect the power first before restarting.

This may not help. If by 'connect' you mean 'turn on', remember, the power switch is in the postive lead; which plays no part at all in this scenario. If you just leave the power leads floating, you have to make sure that the negative lead can't contact the car's chassis when unplugged. If it can, FUSE IT! If it can't (i.e. power is a Cinch Jones plug and there is no chance for the negative to melt/abrade/etc), the fuse isn't needed. But for $2, it is very cheap insurance, and it really doesn't cause any problems. The only time not to fuse the negative lead is if it is grounded to the car body (*not directly to the battery*) such as to a bolt behind the dash.

Just look at the circuit and check out how the current will flow in a fault.

```
(+)-+-starter--engine----body---strap-+-(-)
| | |
\-fuse--radio--+--------)---fuse--/
\antenna/
```

Now open the strap, and trace what will happen.

/mike

--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

1204. test

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 15:46:45 UTC
From: "Magnus Nilsson (SM6VFJ)" <df9416@ios.chalmers.se>
Message-ID: <3gj1l5$rl@nyheter.chalmers.se>
Source record: 252949

- - -

1205. Heil Microphone E-mail Add???

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 16:19:18 UTC
From: bsplaine@sr.hp.com
Message-ID: <3gj3i6$rm8@canyon.sr.hp.com>
Source record: 252950
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am looking for an E-Mail address for Heil, the makers of the microphones etc. Anyone know one?

Bill

--
/\/\/\

1206. Soundblaster Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 16:54:02 UTC
From: jlloyd@cs.clemson.edu
Message-ID: <3gj5ja$juk@hubcap.clemson.edu>
Source record: 252951

V31MG asked me to send him some Ham Radio software using the sound blaster card. I don't use the card and am not familiar with any software that does use it. Therefore, I would like some suggestions on what I should send to him and where I can FTP it from. He was very general in is request. He just wants something he can tinker with (SSTV/FAX/RTTY etc.).

Thanks for the Suggestions,

John

73 de KE4UTX

--
John Lloyd
Computer Science Dept.
Clemson University
South Carolina, USA

1207. 2-meter DX from New England Feb. 3-5

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 17:27:50 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.791486870@melpar>
Source record: 252955

2-meter SSB/CW ops may want to keep their antennas pointed towards New England this coming weekend, February 3-5. The Maine, New Hampshire, and Vermont QSO Parties will be running during this period and 144.2 MHz (+ or -) is listed as one of the designated operating frequencies. Given any kind of decent tropo enhancement, this may be your opportunity to work some of those New England grid squares.

See the Contest Corral in QST for details of the operating times for these QSO Parties.

73 DE K4MSG

```
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```

(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

1208. Re: International Callsign or Prefix Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 17:30:02 UTC
From: amsoft@epix.net
Message-ID: <3gj7mq$e94@grape.epix.net>
Source record: 252953

In article <3gcmu7$e0a@news1.digex.net>, alan@kether.intellint.com says...
>I was wondering if anyone can point me to an up-to-date source of
>International prefixes and maybe even full callsigns.
>I have the '95 Callbooks and several CD Roms, but I'm sure there
>are still dynamic changes from week to week and I wonder if someone may
>know of an internet source of these changes.
>While I realize there are non-valid calls around the bands, I would
>really like to know if there is a day to day database or other source of
>VALID info?

The GOLIST is QSL Manager list is available from Paul Smith, AE4AP and Nancy Smith KB4RGW, DX Enterprises. This is a monthly publication and used to be provided by W6GO. This list includes over 20,000 routes. You may find a packet cluster running the GOLIST or you can contact DX Enterprises direct at:

DX ENTERPRISES
PO Box 2306
Paducah, KY 42002-2306 USA
Tel: 502-898-8863
Fax: 502-898-8865

==========
A F R E E H A M N E W S L E T T E R A V A I L A B L E !!!
==========
A free newsletter from AmSoft, a leader in Amateur Radio CD-ROM's
is available by sending your E-Mail address to amsoft@epix.net.
The newsletter contains the entire listing of the January 95 CD-ROM
software library, and a one page description of the Amsoft CD-ROM.
==========

1209. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 17:34:42 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3gj7vi$dlu@acme.freenet.columbus.oh.us>
Source record: 252952

Michael L. Ardai (n1ist@netcom.com) wrote:
<snip, my part>

: This may not help. If by 'connect' you mean 'turn on', remember, the power

Nope, I mean disconnect from the battery leads, I have a Kenwood TM241 and
just do the unplug thing, DC and antenna. Sorry for the confusion.

<snip>

joe
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

1210. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 17:38:48 UTC
From: forsberg@dfw.or.GOV
Message-ID: <9501301735.AA21686@eagle.dfw.or.gov>
Source record: 252954

Subscribe Brent O. Forsberg

1211. Re: GRAYLINE SOFTWARE

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 17:51:43 UTC
From: jayk@fc.hp.com
Message-ID: <3gj8vf$cmd@tadpole.fc.hp.com>
Source record: 252956

kfisher@freenet.edmonton.ab.ca wrote:
: I am looking for some software (pc based) that will help with propogation
: predictions.(FOT,MUF and HPF predictions) . Prefer freeware or shareware
: so I can try it out first. If you have found some easy to use software
: that qualifies, I would appreciate the name and source of appropriate
: software.
: Thanks Kevin Fisher VE6KEV Edmonton Alberta Canada
: email : kfisher@freenet.edmonton.ab.ca

I you want a program where you can visually see the gray line on a VGA screen
then anonymous ftp from oak.oakland.edu pub/msdos/graphics/geoclk60.zip
It shows the light and dark and gray areas of the earth. There is also another
file called geoxtr60.zip that adds more features. It is shareware but a little
expensive, thirty something dollars.

73, Jay K0GU jayk#fc.hp.com

1212. 150 to 153mhz help needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 18:19:21 UTC
From: P22407@email.mot.com
Message-ID: <1995Jan30.185452.28937@schbbs.mot.com>
Source record: 252957
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I am new to this, but I am wearing my asbestos boxer shorts, so flame away if you feel the need.

My brother has started racing SCORE off-road (Baja 1000, etc.), and I have offered to run chase & logisics support for him. The radio he has in his racecar has 10 channels in the ~ 150 to 153mhz range for communications with various pits and race officials. The only radio equipment I currently have is a CB in my truck and a Uniden BC200XLT scanner.

First question:
I found out the antenna on my scanner only works when he is within a few miles of me. Other teams use a large antenna mounted on a mast. Could I use a 2 meter antenna and tune it for reception in this range? Or better yet does someone have a good design (I have much more time, tools, and materials than money) for a omni-directional antenna? The connector going into my scanner is a male BNC.

Second question:
Once I have a good antenna, could I use a tubular aluminum pool brush handle for a mast (~20' long)?

Thanks in advance for any help!

Dave

1213. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 18:41:32 UTC
From: hanko@wv.mentorg.com
Message-ID: <3gjbss$3l9@hpbab.wv>
Source record: 252959
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3g71qe$hc5@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) writes:
|> I find your (AMSOFT) reply as innappropriate, perhaps more
|> innappropriate, than Bob's comments, and a substantial waste of
|> "bandwidth".
|>
|> Perhaps what Bob should have said is that it is contrary to Internet's
|> policy for Internet to be used as a vehicle for commercial
|> advertisement. That is a fact. While I can not say that the policy is
|> a legally binding one (that is for others to say), it certainly is
|> followed by the vast majority of commercial enterprises, and for good
|> reason. They realize that they run the risk of alienating potential
|> customers who may not appreciate such a blatant disregard for net
|> etiquette and policy. Like Bob. And like me. Mind you, it is no big
|> deal to me personally. But I don't like advertising here either, and
|> there are plenty of alternatives to AMSOFT.

I'm very curious where you discovered the information that indicates
it "... contrary to Internet's policy ...". As far as I know, there
IS no such entity as "Internet" to have a policy. Could you be a bit
more specific where you located this policy information? Any sort of
reference will do: ftp, email, http, whatever. I'd like to review
the policy you are talking about before making any further comments.

... Hank

--

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

1214. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 18:48:32 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <3gjca0$pdp@mark.ucdavis.edu>
Source record: 252958
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

The number for the world scanner report is 619-578-9247
but the IMPORTANT thing to note is the hours for voice and BBS
VOICE: 1:30pm-5:30pm PDT (Weekdays)
BBS: 5:30pm-1:30pm PDT (Weekdays) and 24hrs on weekends

Try between the voice hours for help .... Vol. 4 Num. 8

1215. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 19:08:47 UTC
From: jmk@ukc.ac.uk
Message-ID: <9265@raven.ukc.ac.uk>
Source record: 252961
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

```
>
>> "England's not a bad country ... it's just a mean, cold, ugly, divided,
>> tired, clapped out, post-imperial, post-industrial slag-heap covered in
>> polystyrene hamburger cartons." -- Margaret Drabble.
>

Didn't they make her a Dame? That was a bad decision!

James.
```

1216. Novice Round-Up

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 19:12:54 UTC
From: brunob@hpcc01.corp.hp.com
Message-ID: <31640044@hpcc01.corp.hp.com>
Source record: 252960

Hope it is not to late to let you know that the L A S T Novice Round-up is in progres as I write this note.
Would encourage any ham to give a hand to this event and in a small way give back to the hobby what the hobby give us.

In a nut shell it is a test in patient and skill to make a QSO with a ham that is begining in ham radio contests.

If every G/A/E will make just one QSO with N/T we will have one of the most memorable Novice Round-Up's ever.

from the log of AA6AD

1217. ICOM IC-W21 A7 - HELP

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 19:47:34 UTC
From: bfredric@pcug.org.au
Message-ID: <bfredric.1.0013CB92@pcug.org.au>
Source record: 252887

A friend of mine has recently returned to Australia after living overseas for 5 years. He owns an IC W21 A7.

Unfortunately the IC W21 A7 is set up for the US band plan and is next to useless in VK. However there is a E7 version of this rig which is designed for the rest of the world.

ICOM in VK have apparently told my friend he should have purchased the rig in VK (5 years ago?) and are unable to supply a fix to convert the A7 to an E7 model.

Seems to me that the band parameters are probably contained in either an eprom or is set by some dip switches. Does anybody know how you can change the band settings of this rig? I can't believe that you are expected to own one of each if you have to live overseas for a time.

thanks in anticipation,

73....Brian VK1BF

Brian Fredrickson
bfredric@pcug.org.au

1218. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 19:47:48 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3gjfp4$8hp@fido.asd.sgi.com>
Source record: 252962
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

In article <3gi7s7$o29@harbinger.cc.monash.edu.au>, mike@dino.eng.monash.edu.au writes:
> Hi ..
>
> Erik Wahlstrom (erikw@bat.engr.sgi.com) wrote:
> : So I recently picked up a used AR1000XLT that i found in the paper. After some
> : stomping of feet, pulling of hair, and cursing the human factors group at AOR,
> : i think i am finally getting the hang of the, so called "User Interface".
> : Being a Hardware guy i couldn't resist the opportunity to take it apart
> : and have a look. Not to many surprises really, except one, the scanner is
> : controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
> : by NEC with an 8kB external ROM. So i am wondering if anyone has been
> : successful at interfaceing to it. It sure wound be allot simpler to program
> : those 1000 channels using my computer. Any takers?
>
> If you can get the data/spec sheet for the cpu then I can try and make
> an interface. I've tried without success to get one.
>
> Mike
>

MIKE

It's i the "Single-Chip Microcontroller Data Book" from NEC, dated 1991.
If you can't find a copy call NEC @ 415 960 6000, thay will send you a copy.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1219. Can HAM radios interferre with TV/Cordless Phones?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 19:54:07 UTC
From: bair@sparki44.ih.att.com
Message-ID: <D38Hy7.MG3@ssbunews.ih.att.com>
Source record: 252963

[No readable article body recovered]

1220. Can HAM radios interferre with TV/Cordless Phones?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 20:14:55 UTC
From: bair@sparki44.ih.att.com
Message-ID: <D38Iwv.Mpy@ssbunews.ih.att.com>
Source record: 252970

All,

My folks have been having BIG problems with reception lately and they seemed to think it's a HAM operator. Since I know nothing about HAM radios, I thought I would check out their reasoning.

Starting Friday evening and going through most of Saturday on and off, someone can be heard cutting in and out while on the cordless phone. The phone is an AT&T 5100(?) which supposably has some sort of coding scheme. I had thought that it was just another cordless nearby until my folks pointed out the television. Whenever you could hear the person interferring on the phone, the television reception would get numerous lines through it.

You can't make out what their saying at all, but you can make out a voice at times. Could this be a HAM operator? Or some other peice of equipment?

Thanks,
Matt

1221. Who makes small TNC's?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 20:15:44 UTC
From: craven@umr.edu
Message-ID: <3gjhdg$o4r@hptemp1.cc.umr.edu>
Source record: 252964

I need info to get in contact with people who make small
bare-bones TNC's. We might use this as a replacement for our
current radios we are using in UMR's solar car.

Thanks for any & all help.

Paul Vincent Craven Computer Science Graduate assistant
craven@umr.edu University of Missouri-Rolla
craven@cs.umr.edu Amateur Radio Callsign: AA0PE
Mosaic: http://www.cs.umr.edu/~craven/index.html
Director, solar car power management project

1222. ANNOUNCING: Kentrol 5.0 with SkedMan now available!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 20:28:41 UTC
From: brian@kentrol.synapse.net
Message-ID: <brian.2.00147AFF@kentrol.synapse.net>
Source record: 252889
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,rec.radio.amateur.equipment,uk.radio.amateur

The leading edge in rig control software just moved forward!

Kentrol has a new version 5.0 and a new partner, SkedMan.

Kentrol is a Windows 3x control program for Kenwood HF transceivers and the R-5000 receiver, which has built-in logging and memory management capabilities. Since its introduction in 1991, Kentrol has set the standard for Windows-based rig automation and new features continue to be added regularly. SkedMan is an automated sked manager for Kentrol. Enter schedule data, set alarms and when an alarm goes off, SkedMan uses - even launches - Kentrol to tune it in.

Kentrol and SkedMan are shareware, so if you haven't tried them you are most welcome to do so.

You can obtain both programs by anonymous ftp from:

ftp.synapse.net/shareware/kentrol

The filenames are, oddly enough, kentrl50.zip and skedmn10.zip.

There is also a Kentrol site on the World Wide Web, for those who have WWW access. At that site you can read the documentation and preview the interface, as well as download the files. The URL is:

http://www.synapse.net/Kentrol/Kentrol.html

Kentrol is also available from major radio-related ftp archives worldwide and on CompuServe, and there are linkds to the Kentrol Web page from all the best ham & swl pages.

Try it. You'll like it!

73 de Brian

1223. Re: Phonetics Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 21:05:42 UTC
From: jholly@cup.hp.com
Message-ID: <D38L9I.428@cup.hp.com>
Source record: 252965

Ben KE6MVB Shapiro (bshapiro@kaiwan009.kaiwan.com) wrote:
: My call is KE6MVB and I am looking for some good phonetics. I usually use
: Kilo echo six mike victor bravo. I am looking for something more creative.

King Edward six Mary Victor Benjamin
Kilogramme Edision six Madagascar Valencia Baltimore
King Edward six Mary Victor Boy
Kilowatt England six Mexico Victoria Boston
King Edward six Mike Victor Baker
King Edward six Monkey Vic Beer
Kl'eber 'Emile six Marcel Victor Bernard
Kilo Emile six Victor Marie Berthe
Karl Emil six Viktor Martha Berta
Konrad Emil six Viktor Martha Bertha
Kappa Empoli six Venezia Milano Bologna
Karol Ewa six Violeta Maria Bozena
Ka'roly Elmer'r six Vilmos Ma'ria Be'la
Kalle Erik six Viktor Martin Bertil
Kalle Eemeli six Ville Matti Bertta

Or did you just want something 'cute'?

Jim, WA6SDM

: --
: -----
: I can't believe it, I said something smart!
: -Ben KE6MVB Shapiro bshapiro@kaiwan.com

1224. ARLX008 Apply for scholarships

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 21:58:09 UTC
From: w1aw@arrl.org
Message-ID: <$arlx008.1995@ampr.org>
Source record: 252966
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB SPCL @ ARL $ARLX008
ARLX008 Apply for scholarships

ZCZC AX77
QST de W1AW
Special Bulletin 8 ARLX008
From ARRL Headquarters
Newington CT January 30, 1995
To all radio amateurs

SB SPCL ARL ARLX008
ARLX008 Apply for scholarships

Apply for scholarships

The Foundation for Amateur Radio will administer 56 scholarships for
the 1995-96 academic year, to assist licensed amateurs who are
students. The awards, from 500 to 2000 dollars, are available to
full-time college students, including those who have been accepted
for 1995.

FAR, composed of more than 75 Washington, DC, area Amateur Radio
clubs, fully funds five scholarships with the income from grants and
its annual hamfest in Gaithersburg, Maryland. The remaining 51
scholarships are administered by the foundation without cost to the
various donors.

For more information or application forms, contact FAR Scholarships,
6903 Rhode Island Ave., College Park, MD 20740, before April 30.
NNNN
/EX
```

1225. Crystals

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 21:59:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5152.545@acenet.com>
Source record: 252972

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

RA>In the past I have ordered crystals for old 2 m rigs, HB projects
RA>etc from JAN Crystals in Florida but their prices are now about twice
RA>what they were a few years ago. Anybody know of a more economical
RA>source???

RA>Earl 4Z4TJ
RA>Rafi@BGUVMS.bitnet

Shalom Rafi! Kol b'seder...
Crystals? Ken adoni:

Sources for crystals used in amateur radio:
Antique Radio Classified 508-371-0512 Write for free sample.
P.O. Box 802 Magazine. You'll find almost ANYTHING here
Carlisle, MA 01741 for older radios, obscure parts, tubes etc.

Cathodeon Crystals, Need phone number
A PYE Group Company
Linton,
Cambridgeshire
England (Need postal code) Crystals

Crystek Crystals 800-237-3061
2351/2371 Crystal Drive
Ft. Myers, FL 33907 Quartz Crystals

CW Crystals Inexpensive, but SLOW to respond.
570 N. Buffalo Street
Marshfield, MO 65706 (Crystals, $1.00 catalog)

International Crystal Mfg Co. 405-236-3741
10 North Lee Street Crystals!
Oklahoma City, OK 73102

ICM (International Crystal Manufacturing Co., Inc.) 800-426-9825
P.O. Box 26330: 701 W. Sheridan
Oklahoma City OK 73126-0330

JAN Crystals 800-526-9825: 813-936-2397
P.O. Box 06017: 2341 Crystal Drive: Crystals
Ft. Myers, FL 33906-6017

Petersen Radio Co. (712) 323-7539
2735 Avenue "A"
Council Bluffs, IA 51501 Crystals

Ryan Communications 412-368-3859
BOX 111E Camelot Road (QRP CW transmitter, ready made,)
Portersville, PA 16051 (and transmitter kits, crystals)

Velco Electronics (716) 924-2073
Address needed (716) 924-2136 = FAX
Crystals
I hope that helps you!

This list was prepared by AF4K, Brian Carling

Shalom v'chesed!

Oh, BTW, I worked 4X1VF, "Jan" today on CW! I was only using an
end-fed 128 foot wire up 5 metres above ground!

AF4K @ W3INK
(301) 990-6070
brian.carling@acenet.com.us

• SLMR 2.1a • And tonight's forecast: DARK!

1226. ARLX009 10 GHz record correction

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 22:11:24 UTC
From: w1aw@arrl.org
Message-ID: <$arlx009.1995@ampr.org>
Source record: 252967
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX009
ARLX009 10 GHz record correction

ZCZC AX78
QST de W1AW
Special Bulletin 9 ARLX009
From ARRL Headquarters
Newington CT January 30, 1995
To all radio amateurs

SB SPCL ARL ARLX009
ARLX009 10 GHz record correction

10-GHz record correction

A recent bulletin reported that Roger Bowman, VK5NY, and Walter Howse, VK6KZ, have claimed a new world distance record on the amateur 10-GHz band. The two worked over a 1911-kilometer path, on December 30, 1994.

The previous world record of 1660 km was set on July 8, 1983, by I0SNY/EA9 and I0YLI/1E9.

The 10-GHz record of 1018 km cited earlier was the North American record, set by WA6CGR and XE2/N6XQ, in August 1993.
NNNN
/EX

1227. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 22:12:10 UTC
From: livesey@solntze.engr.sgi.com
Message-ID: <3gjo7q$lt7@fido.asd.sgi.com>
Source record: 252968
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <9265@raven.ukc.ac.uk>, jmk@ukc.ac.uk (J.M.King) writes:
|> >
|> >> "England's not a bad country ... it's just a mean, cold, ugly, divided,
|> >> tired, clapped out, post-imperial, post-industrial slag-heap covered in
|> >> polystyrene hamburger cartons." -- Margaret Drabble.
|> >
|>
|> Didn't they make her a Dame? That was a bad decision!

Not really. A great country ought to be able to take a great
deal of slagging, and still hand out honours for significant
achievement. I don't think we want to kind of McCarthyism
that got peoples careers ruined for what they said.

jon.

1228. alt group ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 22:34:13 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <3gjph5$put@mozo.cc.purdue.edu>
Source record: 252971

Several months back I posted the question of how many hams were interested
in creating a new group to be tentatively called

rec.radio.amateur.tenten

The response was not large enough to warrant creating a full-blown rec.*
group, I don't believe, but seems to suggest the creation of (possibly)

alt.radio.amateur.tenten

The original responses went something like this:

13 were in favor of having rec.radio.amateur.tenten (14 if you count me :-))

none were outright against it

2 suggested having a mailing-list in preference to a newsgroup

1 suggested creating it first as an alt group

5 made other comments

==========

I will reiterate the original purpose. A newsgroups for hams who are
members of Ten-Ten International to discuss organizational related topics
and activities.

I think what I need at this point in time is a ham who is also a sysadmin
who can create the alt group. If at some point it grows enough in
size and activity, then we may need to consider going through all the
discussion and voting and crap to become a regular rec.group.

Got any entitled sysadmins out there?

Duane
wb9omc@harbor.ecn.purdue.edu

1229. Re: Anyone get a card from XF4M?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 22:35:47 UTC
From: kchen@apple.com
Message-ID: <3gjpk3$3ua@apple.com>
Source record: 252969

dara@physics.att.com (Shel Darack) writes:

>During the contest weekend of Oct 30, a station signed XF4M.
>QSL info was AA6BB or JH1AJT. It's possible that neither
>is correct. Has anyone received a card?

The manager for XF4M during the CQWW Phone '94 is indeed Jerry, AA6BB.

I had sent Jerry a card for XF4M and one for 9M8X, hoping that,
since he is Martti's manager for VR2BH, that he is also handling the
9M8X cards.

Well, Jerry sent back a note saying that 9M8X's manager is KU9C
(Derek, AA5BT, had told me the same thing, but after I had written
to AA6BB) and that he was waiting for the XF4M cards to come back
from the printers. This was maybe a week ago.

Yet another nice QSL manager!

73,

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

1230. rec.radio.amateur.binaries ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 22:50:19 UTC
From: jpll@vectorbd.com
Message-ID: <D38q3v.M7A@vectorbd.com>
Source record: 252920

Has anyone ever considered a group for ham software. The network gets clogged ith X-rated GIF's. Certainly it can stand something useful. I often see people looking for software on here.

--
~~~~~~
Jim Lill / Vector Board BBS \
jpll@vectorbd.com \ 716-544-1863/2645 /
wa2zkd@wb2psi.#wny.usa.na GEnie: ZKD
~~~~~~

1231. Mobile antenna mounts

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 23:28:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A29418.00CB002267.uuout@camel.com>
Source record: 252973

I need a good, affordable 2m/70cm antenna for a hatchback. I think I

want to mount it on the side of the hood using a trunk lip type mount.

One questions though -- there are several types of

antenna-to-antenna-mount connecting systems, LM, NMO, SO-239, and NLA.

Any recommendations? Thanks - Robert WD5AAT

1232. TM-732 vs TM-733A

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 23:29:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A29419.00CB002268.uuout@camel.com>
Source record: 252974

Can anyone tell me what additional features the Kenwood Tm-733A has over

the TM-732? Thanks. Robert WD5AAT

1233. IPS Daily Report - 30 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 23:29:05 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan30.232905.28326@ips.oz.au>
Source record: 252881
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 30/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 30 JANUARY AND FORECAST FOR 31 JANUARY - 02 FEBRUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 86/29

GOES satellite data for 29 Jan
Daily Proton Fluence >1 MeV: 4.4E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.5E+06 (normal)
X-ray background: B1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
31 Jan 01 Feb 02 Feb
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 31 Jan: 88/32

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active to minor storm

Estimated Indices : A K Observed A Index 29 Jan
Learmonth 26 5334 4444
Fredericksburg 26 24
Planetary 35 19

Observed Kp for 29 Jan: 1424 4345
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
31 Jan 25 Active
01 Feb 20 Active
02 Feb 15 Unsettled
COMMENT: IPS Geomagnetic Warning 2 was issued on 25 January and is
current for interval 30-31 January. Active conditions may extend
beyond 31 Jan.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
30 Jan normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
31 Jan normal fair poor
01 Feb normal fair poor
02 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
30 Jan -34 15 to 30% below predicted monthly values

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
31 Jan 0 10 to 15% below predicted monthly values
01 Feb 10 About 5% below predicted monthly values
02 Feb 15 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1234. info/look for W5PLX

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 23:29:11 UTC
From: nx7u@primenet.com
Message-ID: <nx7u.44.0011B42B@primenet.com>
Source record: 252912

Looking for any info on an old-timer, W5PLX, Bruce K. Frazier.
All I remember is the call and some old QTH's:
early 1960's in Benbrook (Fort Worth) TX
late 1960's in Phoenix AZ.
Yeah, it's a LOOOONG shot but what the heck!
Reply directly, thanks!

nx7u@primenet.com

1235. ANARTS RTTY NEWS BULLETIN 843 29/1/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 23:37:28 UTC
From: dave@eram.esi.com.au
Message-ID: <3gjt7o$12t@eram.esi.com.au>
Source record: 252975
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 843 29/1/95

Sunday Transmission Schedules.

3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC VK2CTD (Col)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (Alan)
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

I HEARD A -SMALL WORLD- STORY LAST WEEK ... A NEW NOVICE HAD
HIS FIRST CONTACT WITH ITALY. IT WAS FROM THE TOWN HE WAS BORN
IN, (LEFT AT AGE 3), AND THE AMATEUR HAD BEEN TO SCHOOL WITH
HIS FATHER -- HE WAS SO UP IN THE AIR OVER THE COINCIDENCE --
WHAT A START TO HF WORKING. HE NEEDED A QSL ADDRESS AND I
HAPPENED TO HAVE AN INTERNATIONAL CALLBOOK WITH THAT INFO SO
WAS ABLE TO HELP AND SHARE IN HIS EXCITEMENT.

WHY NOT SHARE YOUR ANECDOTES WITH US AS WELL? DROP US A LINE.

ED.

FIRST ANNUAL ADRS WORLD-WIDE DIGITAL WPX CONTEST PART 2
4TH-5TH FEBRUARY 1995

EXCHANGE: A RST REPORT PLUS A PROGRESSIVE THREE-DIGIT CONTACT
NUMBER STARTING WITH 001 FOR THE FIRST CONTACT. (CONTINUE TO
FOUR DIGITS IF PAST 1000.) MULTI-TRANSMITTER STATIONS MAY USE
DIFFERENT NUMBERS FOR EACH BAND.

POINTS:
A. CONTACTS BETWEEN STATIONS ON DIFFERENT CONTINENTS ARE
WORTH THREE (3) POINTS ON 28, 21 AND 14 MHZ AND SIX (6)
POINTS ON 7, AND 3.5 MHZ.
B. CONTACTS BETWEEN STATIONS ON THE SAME CONTINENT BUT IN
DIFFERENT COUNTRIES ARE WORTH TWO (2) POINTS ON 28, 21
AND 14 MHZ AND FOUR (4) POINTS ON 7, AND 3.5 MHZ.

C. CONTACTS BETWEEN STATIONS IN THE SAME COUNTRY ARE WORTH ONE (1) POINT ON 28, 21 AND 14 MHZ, AND TWO (2) POINTS ON 7, AND 3.5 MHZ.

MULTIPLIER: MULTIPLIER IS THE NUMBER OF DIFFERENT PREFIXES WORKED. A PREFIX IS COUNTED ONLY ONCE REGARDLESS OF THE NUMBER OF TIMES THE SAME PREFIX IS WORKED. BO NABD MULTIPLIERS.

A. THE LETTER/NUMBER; COMBINATION WHICH FORMS THE FIRST PART OF THE AMATEUR CALL WILL BE CONSIDERED THE PREFIX.

EXAMPLES - N8, W8, WD8, Y22, Y23, HG1, HG19, WB2, WD200, KC2, KC200, OE2, OE25, U3, GB75, ZS66, NG84.

ANY DIFFERENCE IN THE NUMBERING, LETTERING, OR ORDER OF SAME SHALL CONSTITUTE A SEPARATE PREFIX. A STATION OPERATING FROM A DXCC COUNTRY DIFFERENT FROM THAT INDICATED BY ITS CALLSIGN IS REQUIRED TO SIGN PORTABLE, THE PORTABLE PREFIX MUST BE AN AUTHORIZED PREFIX FOR THE COUNTRY OR CALL AREA OF OPERATION. IN CASE OF PORTABLE OPERATION, THE PORTABLE DESIGNATOR WOULD THEN BECOME THE PREFIX.

EXAMPLE - AB5KD OPERATING FROM WAKE IS. WOULD SIGN AB5KD/KH9 OR KH9/AB5KD, AND KH6XXX OPERATING FROM OHIO WOULD NOT SIGN /KH8 WHICH IS NORMALLY ASSIGNES TO AMERICAN SAMOA, BUT COULD SIGN /W8, /N8, /K8, ETC. OR ANY OTHER PREFIX AUTHORIZED FOR USE IN THE U.S. 8TH CALL DISTRICT.

PORTABLE DESIGNATORS WITHOUT NUMBERS WILL BE ASSIGNED A ZERO (0) AFTER THE SECOND LETTER OF THE DESIGNATOR TO FORM THE PREFIX. WS7I/PA WOULD BECOME PA0. ALL CALLS WITHOUT NUMBERS WILL BE ASSIGNED A ZERO (0) AFTER THE FIRST TWO LETTERS TO FORM THE PREFIX.

EXAMPLE - XEFTJW WOULD COUNT AS XE0, RAEM WOULD COUNT AS RA0, ETC. MARITIME MOBILE, MOBILE, /A, /E, /J, /P OR INTERIM LICENCE CLASS IDENTIFIERS DO NOT COUNT AS PREFIXES.

SCORING:
1. SINGLE OPERATOR:
(A) ALL BAND SCORE: TOTAL QSO POINTS FROM ALL BANDS MULTIPLIED BY THE NUMBER OF DIFFERENT PREFIXES WORKED.
(B) SINGLE BAND SCORE: QSO POINTS ON THE BAND MULTIPLIED BY THE NUMBER OF DIFFERENT PREFIXES WORKED.
2. MULTI-OPERATOR STATIONS. SCORING IN BOTH THESE CATEGORIES IS THE SAME AS THE ALL BAND SCORING FOR SINGLE OPERATOR.
3. A STATION MAY BE WORKED ONCE ON EACH BAND FOR QSO CREDIT.

MORE NEXT WEEK

IPS WEEKLY REPORT
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20 JANUARY - 26 JANUARY

DATE OF ISSUE: 27 JANUARY 1995

INDICES:

DATE 20 21 22 23 24 25 26
10CM 93 96 96 96 97 90 86
A 5 7 5 6 4 6 (5 ESTIMATED)
T 10 20 32 38 36 37 22

SOLAR ACTIVITY WAS VERY LOW 22ND JANUARY AND LOW FOR THE REST OF THE WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH WAS QUIET TO UNSETTLED 20TH-24TH, AND QUIET 25TH-26TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES 20TH-22ND JANUARY, 15 TO 20 PER CENT ENHANCED 23RD-25TH, AND NEAR PREDICTED VALUES ON 26TH. THERE WERE POSSIBLE DEGRADED CONDITIONS ON 26TH DUE TO SPORADIC E AT 1-5UT.
FORECAST (27 JANUARY - 02 FEBRUARY)

SOLAR: 27-29 JAN: LOW
30 JAN - 2 FEB: VERY LOW

GEOMAGNETIC: 27-29 JAN: QUIET
30-31 JAN: ACTIVE
1 -2 FEB: QUIET TO UNSETTLED

IONOSPHERIC: PREDOMINANTLY NEAR PREDICTED MONTHLY VALUES; 30-31 JAN: SLIGHTLY BELOW PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

RTDX0120 RTTY DX
VK2SG RTTY DX NOTES FOR WEEKENDING 20 JAN 95(BID RTDX0120)

OUR THANKS THIS WEEK GO TO: ZS5S, W2JGR, WB2CJL, WX5L, AA5AU, W5KSI, N5PSI, W5ZPA, K5KR, WS7I, JF1MGI, SP4CHY, I5IGQ,IK5ACO, IK1CJO, DJ3IW AND THE CENTRAL EUROPE DX CLUSTER DB0SPC, THE K5NV DX PACKETCLUSTER AND IK5PWJ PACKETCLUSTER.

BANDPASS:
FRIDAY 13
0251-10120 VP8SGP
0705-14069 TL8MS PCT
1147-14069 ST2SA PCT
1205-14078 NZ2P/DU1 PCT
1257-14085 VP29EI
1341-14082 9G1BS
1343-14069 ST2AA PCT
1412-14086 CO2KG

1427-14084 A45ZX
1522-14084 IS0FMI
1547-14087 GI4WXE
2201-10120 VP8SGP QSX UP 2

SATURDAY 14
1136-14076 EA8AFJ
1226-14080 CT3AR PCT
1318-14083 SP2EIW
1319-14084 GI4WXA
1331-14087 S57J
1335-14089 GW0PYT
1346-14079 9A1CEI
1349-14082 S57J
1355-14087 RA2FB KALININGRAD
1409-14087 IS0FMI
1410-14089 LX1DA
1411-14083 UN7GY
1447-14083 9A1CEI
1506-14086 4X6UO
1612-14085 FG5GI
2201-14086 8P6NC
2211-14087 AL7BB

SUNDAY 15
0019-14085 HC1SC
0720-14085 UN7GY
0724-14083 EW8OS
0913-14078 PK4TJ PCT
1110-14081 VK0FPS ANTARTICA
1333-14084 SV5AZP
1425-14086 ZC4ZZ
1509-14079 S57J
1540-14083 GI0LEC
1547-14084 CU3EM
1559-14081 OM3CPS
1606-14084 9A1AKL
1623-14088 LX1DA
1639-14082 EA6BH
1926-14083 PJ9JT
2002-14085 3DA0CA
2007-21086 A35RK
2052-14086 AL7BB
2120-14086 TY1PS
2125-14071 HP1KZ PCT
2147-14082 FG5GI
2229-14086 KL7WP
2241-14086 ZP6CC
2305-14083 AZ7FAF
2305-14085 VP8CKN

MONDAY 16
1020-14088 UN7GY
1258-14085 JW0I
1335-14084 GI0BQX
1455-14088 UT2UF
1533-14089 VK2KM
1930-14069 PA0CXC/5Z4 QSL JOHN FUNG-LOY
P.O. BOX 44145 NAIROBI KENYA
2143-14087 9J2HN
2214-14089 FG5FI AMTOR FEC

TUESDAY 17
0011-14084 VP8CKN
0100-14081 VI0ANT
0702-14087 UT5RP
0745-14088 A41KT
1130-14090 GI0BQX
1145-14069 TL8MS PCT
1324-14087 OY1CT
1431-14089 A41LS
1534-14086 GI4WXA
1616-14074 OE5KV PCT
2230-14074 PP2ZDX PCT
2302-14087 VP8CKN

WEDNESDAY 18
1540-14081 CT3AR G-TOR
0824-14069 5H3MS PCT
1035-14069 TL8MS PCT
1249-14088 EY8WW
1305-14083 YO3FRI
1328-14082 UX5HY
1329-14086 9G1BS
1516-14081 SV5AZP
1534-14086 CU3EM
1541-14089 JW0I
1555-14085 OD5PL

THURSDAY 19
0007-14077 PZ2AC
0647-14069 5H3MS PCT
1000-14087 UX2DZ
1135-14086 GW0PYT
1137-14069 TL8MS PCT
1429-14088 A45XC

NOTES OF INTEREST:
SOUTH GEORGIA, VP8. THE VP8SGP TEAM HAS LEFT ABOUT FIVE DAYS
EARLIER THAN ORIGINALLY PLANNED. NO REASON KNOWN AT THIS TIME.

SOUTH SHETLAND, VP8. WONDY, K5KR WORKED VP8CQS ON SSB AND AT
THE ENQUIRY OF RTTY ACTIVITY, THE OP. ANSWERED THAT THE RTTY
GEAR HAD NOT ARRIVED YET. THAT WAS 19TH JAN, KEEP YOUR FINGERS

AND WHY NOT TOES CROSSED, STAY TUNED ANYWAY.

BANGLADESH, S21. JOE, ZS5S INFORM THAT ANDREW, S21YE IS ACTIVE FROM DHAKA USING A TS50, A KAM PLUS AND A DIPOLE AT 30 FEET. HE IS NEW ON DIGI MODES AND DOES NOT LIKE PILE-UPS. THE ROUTE FOR QSL IS TERRY, G0EHX & GB7MSF.#18.GBR.EU. ANDREW HOLDS THE CALL G4VLV.

SEND BANDPASS AND NOTES FOR NEXT WEEK BULLETIN TO JULES, W2JGR AT W5KSI.#NOLA.LA.USA.NA.

GL DE (DX2) LUCIANO, I5FLN AT ZS5S.ZAF.AF

ARLD003 DX NEWS

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFORMATION PROVIDED BY TEDD, KB8NW, THE OPDX BULLETIN AND THE CONTEST CORRAL COLUMN FROM THE PAGES OF QST MAGAZINE. THANKS TO ALL.

PHILIPPINES. ACCORDING TO THE DX NEWSLETTER, 4E7 PREFIXES WERE TO START BEING ISSUED AS OF JANUARY 1, 1995. VS6VW REPORTED HEARING SM0CNS/4E7 ACTIVE ON 160 METERS.

KENYA. 5Z4FO HAS BEEN ON 75 AND 80 METERS WITH CW AND SSB BELOW 3800 KHZ. OPERATING HAS BEEN AS EARLY AS 2215Z AND AS LATE AS 0415. HE HAS ALSO BEEN WORKING 160 METERS, MAINLY WITH CW, ON 1832 KHZ AT 0100Z. QSL VIA KB4EKY. LISTEN FOR 5Z4DU ON 75 METER SSB AT ABOUT 0330Z. QSL VIA KG4X.

ZAIRE. JOE, G3MRC, IS SIGNING 9Q5MRC AND HAS BEEN OPERATING MOSTLY 30 AND 20 METER CW BETWEEN 1900 AND 2200Z. QSL VIA G3MRC. BJORN, LA9IY, IS ACTIVE AS 9Q5IY. HE HAS BEEN ON 18071 KHZ AT 1630Z. QSL DIRECT ONLY VIA LA1K.

SOUTH KOREA. HARRY, HL9HH, IS LOOKING FOR SOME HELP WITH LOW BAND WAS. HE NEEDS CT, NJ, NC, RI, SC AND VT ON BOTH 40 AND 80 METERS. ON 80 HE IS LOOKING FOR DE AND MD, AND ON 40 HE NEEDS MA, ME AND NH. LISTEN FOR HIM AROUND 3589 AND 7009 KHZ AFTER 1030Z.

PACIFIC DXPEDITION. ED, K8VIR, WILL BE DOING A LOT OF TRAVELING OVER THE NEXT SIX MONTHS. HE SHOULD START AMATEUR ACTIVITY FROM NEW CALEDONIA, FK. OTHER STOPS SHOULD INCLUDE WESTERN SAMOA AND TONGA. QSL VIA CBA.

CURACAO. JOHN, W1BIH, WILL BE ACTIVE AS PJ9JT UNTIL MID APRIL. TRY 3506 KHZ AT 0130Z AND 40 METER CW BETWEEN 0100 AND 0200Z, AND AGAIN AT 1130Z. CHECK 21279 KHZ AT 1430Z. QSL VIA W1AX.

CAMBODIA. MIKE, VS6WV, REPORTS THAT SANYI, XU7VK, HAS BEEN ON 1829 KHZ AT ABOUT 1435Z.

ZIMBABWE. BILL, Z21CS, CAN BE WORKED ON 18124 KHZ AROUND 1715Z. WHEN QSLING, DO NOT SEND IRCS OR GREEN STAMPS. BILL DOES REQUEST PACKETS OF FLOWER SEEDS FOR HIS XYL. QSL VIA BILL TAYLOR, BOX 264, KWEKWE, ZIMBABWE.

Coming events

February 4th-5th ADRS WW RTTY WPX contest
11th-12th EA WW RTTY Contest
26th Central Coast Field Day at Wyong

STOLEN

ONE YAESU 2M FM TRANSCEIVER FT-212RH, WITHOUT MICROPHONE, SERIAL NO. 1C630025. IF YOU ARE OFFERED THIS PIECE OF EQUIPMENT, PLEASE CONTACT PAT VK2JPA QTHR, OR PHONE BLACKTOWN POLICE ON (02) 622 0000.

FOR DISPOSAL

VK2SG HAS SOME JUNK FOR DISPOSAL, STUFF THAT HE THINKS HE WILL NEVER NEED AGAIN, ITS YOUR FOR THE COLLECTION. THINGS LIKE TRANSFORMERS 385/385 VOLTS, MOTORS FOR PRINTERS, THAT CAN BE USED FOR OTHER THINGS, TUNING CONDENSERS, BOXES OF ELECTROLYT-ICS, ETC ETC ETC. IF YOU CAN USE IT, COME AND GET IT. ALSO HAS PRINTERS LIKE SAGEMS MODIFIED FOR 45/50 AND 75 BAUDS, SIEMEN SET FOR 45 BAUDS WITH PAPER WIND UP MOTOR.

HE ALSO HAS A TELEREADER WITH POWER SUPPLY WHICH DOES CW/RTTY (VARIOUS BAUD RATES), ASCII AND HAS BEEN MODIFIED FOR AMTOR, ALL PAPERWORK AND HANDBOOKS INCLUDED PLUS A SPARE MK2 AMTOR BOARD, NEGOTIABLE PRICE ... THERE ARE ALSO OTHER BITS OF JUNK AS WELL, EVEN VALVES.

SOME RADIO CLUB MAY BE INTERESTED.

DE SYD VK2SG QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President(Col) VK2CTD at VK2XSB, or the Secretary (Pat) VK2JPA at VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA at VK2AAB. Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes ANARTS NEWS BULLETIN 843 29th Jan. 1995.

Inserted by VK2BQS (Jim) ANARTS Vice-President.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1236. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-30 23:51:58 UTC
From: amsoft@epix.net
Message-ID: <3gju2u$eep@grape.epix.net>
Source record: 252976
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

>So for us Usenet novices, how do you find out the address of their
>system administrator?
>
The AmSoft system administrator of Ais postmaster@epix.net.

Epix is an open and uncensored system.

==========
A F R E E H A M N E W S L E T T E R A V A I L A B L E !!!
==========
A free newsletter from AmSoft, a leader in Amateur Radio CD-ROM's
is available by sending your E-Mail address to amsoft@epix.net.
The newsletter contains the entire listing of the January 95 CD-ROM
software library, and a one page description of the Amsoft CD-ROM.
==========

1237. Re: 2-meter intermods/splatter in FM18/FM19

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 00:05:42 UTC
From: rwilkins@ccnet.com
Message-ID: <3gjusm$7ql@ccnet3.ccnet.com>
Source record: 252977
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Paul H. Bock (phb@syseng1.melpar.esys.com) recently wrote in <phb.791239092@melpar>:

: Regarding the recent ARRL VHF Sweepstakes: There is a
: serious problem within FM18/19 with several well-known stations
: capable of high-power operation. This problem manifests itself
: in two ways, which I will cover in turn.

: I. Excessive power for conditions

: By running maximum power output at all times, stations with
: an otherwise "clean" output are creating severe intermodulation
: problems for other stations within FM19. While it is all well
: and good to say "it's a receiver problem," that answer reflects
: an inconsiderate, if not downright arrogant, attitude. *Most* of
: the two-meter SSB operators who tried out the contest are using
: commercially-built equipment; they are stuck with what they have,

Remember a contest is only a technical TEST of your equipment. If you have ever contested on a major metropolitan mountain top, with all the pager and commercial intermod getting into your unprotected wide band receiver, you learn quickly to use a simple band pass cavity tuned to your frequency. This hundred dollar device will protect your low noise pre-amp from out of band mixing. The in-band intermod also goes away!

It really is your receiver...make it work for you. Add the necessary front end protection.

: II. Trashy Signals

: For the benefit of those who didn't notice, there were some
: high-power signals present in the vicinity of 144.2 MHz during the
: contest which created widespread splatter and spurious signals,
: in one case actually affecting an area FM repeater nearly a MHz
: away in input frequency.

This is to be expected. Were you looking at these signals with a spectrum analizer or using a receiver that allowed these high power signals to mix in your front-end? Repeaters suffer the same problems in reguards to front end overload. Maybe the high power contester was at the same location as the repeater. Normally this repeater gets by with out the added cavities needed to keep a high power signal from mixing in its receiver.

I bet the high power stations were not complaining of intermod. They had the necessary filtering and pass bottles to protect their receivers. They know it is futile to run high power if they can't receive the weak signals.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

1238. Ham Plate Problem solved

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 00:13:23 UTC
From: js024b@uhura.cc.rochester.edu
Message-ID: <1995Jan31.001323.6023@galileo.cc.rochester.edu>
Source record: 252878

I just got the registration for my Ham plates from the NY DMV. The plates will be coming in a month or so and there wasn't a problem having the same call sign on 2 cars.

Thanks for all of the help.

--
Jonathan Schulman University of Rochester
js024b@uhura.cc.rochester.edu
KB2JNY - poor tech who still can't pass 13 WPM

1239. Re: FREE HAM NEWSLETTER

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 01:08:20 UTC
From: johnl@world.std.com
Message-ID: <D38wHw.AC7@world.std.com>
Source record: 252879
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3g9gr8$8hh@news.doit.wisc.edu>,
Dave Mullenix <djmullen@facstaff.wisc.edu> wrote:
>In article <NEWTNews.18260.790755434.amsoft@amsoft.epix.net>, AMSOFT@EPIX.NET says:
>>
>>If you would like to get a FREE newsletter about the JAN 1995 AmSoft
>>CD-ROM please send your Internet E-mail address to: amsoft@epix.net
>>
>I felt a letter to your system administrator was a better use of my
>time. I sent you a copy too. DON'T MAIL ME YOUR THINLY DISGUISED
>ADVERTISEMENT! Any chance you ever had of selling me anything vanished
>when you decided to spam the newsgroups with your commercial ads.
>
>Dave Mullenix, N9LTD

In my humble opinion, I think the AmSoft posting was appropriate.
It told me a new version of the product was available and where
to get more information. It was brief, didn't mention prices, and
was posted ONLY to appropriate (ham radio) groups. This is useful
information.

A few facts:

1. Years ago the Internet backbone was government funded and was only
supposed to be used for non-commercial purposes. That changed about
3 or 4 years ago. It is now commercial with no restrictions on
commercial use. I was the Internet contact for our site at the time
so I got all the official info and saw the significant jump in the
monthly bill.

2. Netiquite (sp?) is not law or a contract between network service
providers and users. It is only generally accepted guidelines
of the culture of the newsgroups. There are many newsgroups dedicated
to particular commercial products used for communication between
manufacturers and customers.

3. There are only a few big companies in the ham radio market. The
transceiver manufacturers, AEA, MFJ, and very few others are big
companies that can afford full page ads. Most of the others are
just one person at-home "basement" operations persued nights and
weekends in addition to regular full time jobs. Don't be fooled
by the fancy names like "XYZ Technologies" or "XYZ Research".
I know several people personally who fit into this category. Most
people feel more comfortable dealing with a big company instead
of a basement operation so it really is necessary to give the

the impression of being bigger.
We should thank and encourage these people for bringing us interesting products that larger companies wouldn't want to be bothered with due to tiny market and low margins.

If some one is truly abusive of the communication channel we should scold him and even ask the site administrator to revoke access. However this was not terrible abuse.

73,
John WB2OSZ

1240. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 01:17:09 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3gk32l$3ov7@blue.weeg.uiowa.edu>
Source record: 252880

The negative battery and alternator leadleads on your car are grounded to the engine block. The block is then connected to the chassis by a grounding strap. If that strap corrodes or breaks. the current will seek an alternate path. That is what has caused emergency brake cables, throttle cables, etc. to burn through.

If the negative lead to a radio is connected directly to the battery, the same circumstance could be created. In the day of the plastic dashboard and console the likely path would be through the coax shield.

The better installation is to connect the radio negative lead to the nearest chassis ground, unfused. The only path from battery to ground through the radio then is via the fused positive lead.

NE0R

1241. VK2WI Weekly News, 29th January, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 02:56:33 UTC
From: dave@eram.esi.com.au
Message-ID: <3gk8t1$2s5@eram.esi.com.au>
Source record: 252882
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

VK2 DIV. PRESIDENT'S MESSAGE

This is Michael Corbin, VK2PFQ.

This week we have for you a press release from the Shadow Minister for Communications and the Arts, Senator Richard Alston, but first a few things on our wish list.

As was reported before Christmas, our downstairs tenant left us after many years....It was a case of outgrowing the premises and Parramatta City Council's advice that further expansion at 109 Wigram Street would not be approved. Anyhow, we now have an empty office with 2 lock up car spaces and 4 other off street car spaces or an empty office with 4 off street parking spaces. We are informed by the agent that this is worth a rental of around $20,000.00... which is a great deal more than we were getting beforehand. Indeed, reference to the lease document showed that allowable increases such as C.P.I., rates and water rates had not been passed on to the tenants since about 1991. One can only attribute this to involvement in other matters....perhaps the less said the better.

The solution to any further "oversights" is that an agent will be employed to supervise these matters thereby looking after our interests. The fees that we will incur are worth the extra income which will be obtained. But before this can happen, we need to spend a little money. To begin with the place needs painting. Now here is the opportunity for all those who knocked the last paint job and the cost of it (I recall the A-Team got the blame)...Well, now its time for the knockers to come to the aid of the Institute.

We require either a Contractor or some willing volunteers. However before this we will need the services of an electrician. The job.. ..simple. Install three new fluorescent fittings in the office area and re-install the ones in the office area into the lock-up garage area. If anyone can fix a Roll-aDoor lock or supply a new one, we would like to hear from you as well. When all this is completed, we will need a carpet layer and of course some cheap carpet. So... . In case you missed our wish list, we need.....An Electrician, a Roll-a-Door fixer, some painters, carpet suppliers and layers....and when do we want 'em?.....as soon as possible, next weekend might be a good time for a working bee....i.e. Ready to rent by 6th February.... So, if the job description fits YOU... Give me a call on 626-9288. If we don't get any volunteers then....we either do it ourselves or we spend some money and get someone else to perform the

tasks. It's really up to you. You know Aub. Topp our Divisional Librarian for many years has just finished painting his house.....I wonder if.....

Todays Trash and Treasure start time has been changed. That is, it used to start at 2.00p.m.....now it starts at 1.00p.m.....and nobody noticed until Friday when we got a couple of calls at the office. Reason for the change....You can sell hot dogs better at 1.00 p.m. than you can at 2.00 p.m. which of course reminds me that there will be cool drinks, tea and coffee for sale on the day. You'll recall that on the occasion of the last Trash & Treasure I asked for someone to make a Donation of a Refrigerator for the Parramatta Office...well we got an offer from Michael VK2MJ of such a piece of equipment. Thanks Michael. Actually we really should thank Michael's wife...If she had not thought to replace the family refrigerator...We would still be looking for a 'frig.

And now to that Press Release from the Shadow Minister. It's headed up....

"COALITION OPPOSES AMATEUR RADIO FEES INCREASE.... and I quote...

The recent decision of the Spectrum Management Agency to increase amateur radio licence fees, approximately doubling them in many cases, is opposed by the Coalition, said the Shadow Minister for Communications and the Arts, Senator Richard Alston today.

It is difficult to avoid the conclusion that amateur operators have the misfortune to be disciplined, individuallylicensed service, and therefore an easy target for revenueraising by a profligate Government asking them to pick up the tab for a clumsy exercise in spectrum rationalisation.

The Coalition recognises the contribution of the amateur radio service to the community through its various activities. The assistance provided by amateur radio operators in emergency situations and the support they provide to other community organisations has been a consistent part of the amateur ethos for many decades.

This contribution has been recognised in the amateur radio fee structure in the past. Indeed, the objectives of the new Radiocommunications Act which took effect in 1992 will include "adequate provision for use by public or community services" and "a responsive and flexible approach to meeting the needs of users".

Coalition inquiries indicate that these proposals have been put forward by the Government without proper consultation or justification. In particular, the SMA have not adequately explained how it has arrived at the proposed fee levels, to what extent the community benefits of amateur radio have been accounted for, and how this was accomplished.

Senator Alston said, "I am seeking from the SMA its reasons for any increase, let alone one of the proposed magnitude. The amateur radio community can rest assured that the Coalition will put their interests, and the valuable service they provide to all Australians, ahead of the Government's preference for using them as an easy source of revenue".....End of quote.

Now keep those letters flowing. Again this week I was made aware of the fact that some of Federal Politicians still, as yet, have not received ANY letters. As you will agree, this is most disturbing. I said last week and I'll say it again..... How does one convince people to save themselves? The more people who write....the more pressure we put on the Government. Again, don't write to the S.M.A. it's only the politicians who can change this decision. Sheer weight of members will win the day.

The VK2 Division submission to the Minister has been completed and will be forwarded to the Minister first thing Monday morning, along with copies to all Members of the Parliamentary Communications and Arts Committee. My thanks go once more to PETER JENSEN VK2AQJ as chairman and his able committee of DAVE HORSFALL VK2KFU, CESAR MIRANDA VK2TCM and RICHARD MURNANE VK2SKY, for the work that they put into this submission. Since last Sunday they met on four occasions. The result, a comprehensive submission which hopefully will persuade some of our Politicians to change their minds. It certainly will not be for the want of trying by this Division. Knockers please note... We were the first Division to put it on the air...Sunday 18th December....and personally, I have John Robinson VK2XY to thank for that!!! Credit where credit is due!

Finally another word of thanks and this goes to Leith Martin VK2EA. Leith was mixed up with one of those lost army Ducks back in the 1955 floods I told you about last week. You'll recall I told you my father VK2YC had been called upon to find these Ducks. I have it now on good authority that these ducks were indeed not lost nor indeed were they ever lost.....The blokes in them knew where they where. It was just that the army didn't know where they were!!!!! Leith had written an account of his experiences, back in 1992. He has been good enough to supply us with a copy for our library. You can borrow it when I have read it. In the meantime.....

See you next week.

WIA examinations

The next examinations conducted by the NSW Division of the WIA will be held at Amateur Radio House, Parramatta, 109 Wigram Street on Sunday 19th February 1995 at 1.00 pm. Applications close on Thursday 9th February.

Band plans, Beacons and Bad Habits

Now that the summer VHF-UHF DX season is here, it's timely to remind operators of why there are band plans.

Basically, band plan arrangements help avoid mutual interference problems between otherwise incompatible modes and operations. The 1995 Call Book has full details for all the Australian bands, HF through SHF. On each VHF band, a segment is set aside by gentlemen's agreement for narrow band modes and weak signal operation. Other segments are set aside for FM and repeaters, packet radio etc.

On the two metre band, the segment for narrow band modes is from 144.000 to 144.600 MHz. Within this 600 KHz segment, the first 100 KHz -- from 144.00 to 144.100 MHz -- is for CW only operation. The segment between 144.100 and 144.600 MHz, is for CW, SSB and other narrow band modes. Within this segment is a sub-segment exclusively for beacons, between 144.400 and 144.600 MHz. There is, in addition, a "national SSB calling frequency" of 144.100 MHz. All this is part of a long-standing gentlemen's agreement that is adhered to nation-wide.

Unfortunately, a growing number of wideband FM signals is appearing below 144.600 MHz, transgressing the band plan arrangement. FM stations have been heard using the national SSB calling frequency (144.100 MHz) and on other frequencies below 144.600 MHz.

Two metre operators who use the segment below 144.600 MHz, particularly those in pursuit of weak signal and long distance work, find FM stations who operate on top of 2m beacon frequencies particularly annoying. Just because the VK5 2m beacon cannot be heard by an FM station in Sydney is not a good reason for that station to operate in the beacon segment or a frequency adjacent to it.

Beacons serve a number of purposes: among other things, to provide an effective indicator of propagation "openings", and to provide a constant reference signal for operators in the beacon's "local" area. At considerable distances, a beacon's weak "scatter" signal provides a means of checking or measuring station system performance.

It's just as important to have beacon frequencies free of interference when a band's NOT open as when it is open.

Many volunteers have spent a lot of time and money (often, WIA members' money) constructing, installing and maintaining the twenty four 2m beacons currently operating in Australia.

FM stations operating in the beacon segment completely negate the efforts of these people. In recent years, for example, there were occasions when FM operators in Sydney were actually having contacts on top of the Adelaide beacon frequency, when the beacon was clearly audible at the time! These stations declined to move, when asked.

There would be certain complaint if SSB or CW operators moved into the channelised FM/repeater segments and operated with impunity. Many such operators run considerable power to large antenna arrays and thus have high radiated power.

Courtesy and respect for the band plan, which preserves the rights of operators who pursue differing modes and operating practices, needs to be observed for the sake of peaceful coexistence.

The national 2m band plan expressly reserves the region below 144.600 to 145.700 is for general use, ALL modes.

Be a "good neighbour". FM is not compatible with narrow band modes and weak signal operation, even though DX may be worked (in the appropriate band segment) when conditions are really good.

Thanks to the NSW VHF-to-SHF DX Group for details.

WICEN News

The holiday period is now well and truly over, and for a change there were no activations this time. Various regional nets and meetings have started, and Hunter advise that their first meeting for the year will be on 20th February at the Emergency Operations Centre, on the corner of Elizabeth and Hannell Streets, Carrington, starting at 1900, and thereafter on the third Monday of each month.

The major event next month is the Central Coast Amateur Radio Club Field Day, on Sunday 26th February. As usual there will be a WICEN stall next to the Caravan, and people in uniform are requested to help staff it for an hour or two from 1000 to about 1500; please contact Alan VK2YYJ if you can help.

The major events in March include the "RTA Big NSW Bike Ride" from the 4th to the 11th of March, and the annual Bungonia Cave Rescue on the weekend of 18-19th March; there will be further information in a later broadcast.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Amateurs assist earthquake relief in Japan

More than 200 Japanese amateurs are providing emergency communications in Kobe, Japan following the earthquake on 16th January that killed more than 5,000 people, and left tens of thousands homeless.

According to the Japan Amateur Radio League, amateur radio is being used to link relief centres, and to exchange information about road conditions and traffic, the health, welfare, and whereabouts of residents, and the availability of food and water.

The J.A.R.L. and the Japan Radio and Equipment Industry Association (JAIA) are conducting the effort on the request of the Ministry of Post and Telecommunications. JAIA member companies supplied 200 handheld 70cm and 12cm band receivers for the operation.

JA3YRL in Kobe serves as communications coordinator while JA3RL, the JARL's Osaka office is monitoring the activity.

At present 400 of the 600 relief centres, with a total of 240,000 evacuees, are not yet being served by this communication system, and the JARL is considering equipping at least half of them with amateur radio stations.

from ARRL Bulletin 6 (thanks to Peter Vernon VK2JPJ for sending us this item.

1995 BCOP course

The Broadcast Operator's Certificate of Proficiency (BOCP) course will be run in 1995, for NSW, at Sydney Institute of Technology, Ultimo campus. See 1995 Handbook.

The aim of the course is to provide the technical skills to run and maintain a broadcast radio station. This is a post-trade course.

Enrolments are on Friday 3rd February 1995 and Monday 6th February 1995. Telephone enquiries to (02) 217 3346.

--Brian Clarke VK2GCE

IPS WEEKLY REPORT
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20 JANUARY - 26 JANUARY

DATE OF ISSUE: 27 JANUARY 1995

INDICES:

DATE 20 21 22 23 24 25 26
10CM 93 96 96 96 97 90 86
A 5 7 5 6 4 6 (5 ESTIMATED)
T 10 20 32 38 36 37 22

SOLAR ACTIVITY WAS VERY LOW 22ND JANUARY AND LOW FOR THE REST OF THE WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH WAS QUIET TO UNSETTLED 20TH-24TH, AND QUIET 25TH-26TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES 20TH-22ND JANUARY, 15 TO 20 PER CENT EN-HANCED 23RD-25TH, AND NEAR PREDICTED VALUES ON 26TH. THERE WERE POSSIBLE DEGRADED CONDITIONS ON 26TH DUE TO SPORADIC E AT 1-5UT.

FORECAST (27 JANUARY - 02 FEBRUARY)

SOLAR: 27-29 JAN: LOW
30 JAN - 2 FEB: VERY LOW

GEOMAGNETIC: 27-29 JAN: QUIET
30-31 JAN: ACTIVE
1 -2 FEB: QUIET TO UNSETTLED

IONOSPHERIC: PREDOMINANTLY NEAR PREDICTED MONTHLY VALUES; 30-
31 JAN: SLIGHTLY BELOW PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

The 1995 Central Coast Field Day
for
Radio Amateurs and Enthusiasts
Computer and Electronic Hobbyists

Sunday 26 February, 1995
at Wyong Racecourse
Gates Open 8.30 am

* Truck loads of pre-loved equipment at giveaway prices in the flea market and disposals area.

* Entrance fee only $8.00 ... Seniors and pensioner concession $5.00. Children under 12 free.

* See all major Amateur Radio equipment suppliers together under one roof with many dealers displaying

* Interesting technical lectures

* Packet Radio - Computerised Communications Displays

* Radio fox hunts

* Amateur television transmission displays

* Free off-street parking

* Free sightseeing bus tour of the Central Coast for the family

* Free entry tickets to the Australian Reptile Park

* Bring your picnic lunch or buy hot and cold food and drink from the stalls in the ground

DON'T MISS THE BIGGEST FIELD DAY IN THE SOUTHERN HEMISPHERE

Presented since 1957 by THE CENTRAL COAST AMATEUR RADIO CLUB INC.
For further information write to The CCARC, PO Box 252, Gosford 2250
Phone (043) 40 2500

From the Orange Amateur Radio Club

Members and visitors are invited to the club's first meeting this year.

The guest speaker will be Ted Baker VK2ABW whi will recall some of his very interesting experiences with World War II radar equipment in the New Zealand Army.

The date is Friday 3rd Febraury

The time is 7.30 pm

The place is the Cultural Centre in Sale Street, Orange

Visitors are always welcome at the Orange Club, so come along for an interesting talk followed by a friendly chat over tea and biscuits.

Bruce Carroll VK2DEQ
Secretary

Mid South Coast Amateur Radio Club

Mid South Coast Amateur Radio Club Inc. will be holding the Annual General Meeting next Saturday, 4th February. Our location is the "H Ranch", Little Forest Road, Milton (turn inland from the Pacific Highway 3 km north of historic Milton township and follow the "H Ranch" signs.

Arrivals are from 10.30 onwards. Visitors and families are most welcome. Please bring your picnic or barbecue lunch.

Our meeting place is a spectacular one with great mountain and ocean views and the South Coast is justly proud of its reputation for hospitality. We look forward to seeing you there.

from Stan VK2EL, Club Secretary

Do you want to have your own Amateur Radio licence?

The Chifley Amateur Radio Club is conducting classes for the amateur radio licence.

They will cover Morse Code, Theory, and regulations, for the amateur radio licence.

Classes start on Wednesday 8th February 1995.

The classes are on every Wednesday night at 7-30 pm.

The address is:
Good Shepherd School Hall, Hyatts Road, Plumpton.
100 metres south of Jersey Road. Opposite the new shopping centre building (Plumpton Markets).

Postal address:
Chifley Amateur Radio Club
Post Box 280 Mount Druitt 2770

Telephone number: 671-6992 or 637-2226

Once you have your Amateur radio licence, we will then show you how to connect your home computer to your radio and talk to the world using your computer.

Using any one of the many DIGITAL modes is a fascinating way to use your radio and computer.

Come along to our club rooms any Saturday afternoon and have a talk to any of any of our members for more information or come along on Wednesday night 8th Feb at 7-30 pm.

Visitors are always welcome.

Bi-Monthly General Meeting

On 11th February the Chifley Amateur Radio Club will be holding its bi-monthly general meeting, at the club rooms starting at 1-30 pm.

At this meeting the members are able to ask the committee questions on operation of the club. At these meetings the committee ask the members for feedback on various topics in relation to the club.

The Chifley Amateur Radio Club holds meetings EVERY Saturday afternoon from 1-30 pm to 4-00 pm.

These meetings are held for the members and their friends to come along and talk about any amateur radio, computer, related subject, or just to have a cuppa and chat with some friends.

So come along any Saturday afternoon and meet some of the members of the Chifley Amateur Radio Club. You will be welcome.

Classes start on 8th February at 7-30 pm
General meeting on 11th February at 1-30 pm

from the
Chifley Amateur Radio Club Inc.
Publicity Officer: Ray Sparks VK2FKO

Coming events

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Short Wave Listeners ...

Please note that the Divisional Office will be closed this month; however, you can still call us, as the phone has been redirected to a duty Councillor.

Divisional Office reopens. . . . . sometime in February (TBA)
WIA Federal convention . . . . . .3 February
Enrolments for Broadcast Operator's Certificate of Proficiency
course Sydney Institute of Technology, Ultimo. . .3 & 6 February
Mid South Coast ARC AGM. . . . . .4 February
Chifley ARC classes begin. . . . . .8 February
Chifley ARC general meeting. . . . . 11 February
Hunter WICEN meeting (Pauline VK2GTB). . . . . 20 February
Central Coast ARC Field Day at Wyong . . . . . 26 February
Proposed new Amateur Licence fees come into effect . . . 1 March
Daylight Saving Time ends. . . . . 5 March (check)
RTA Big NSW Bike Ride (WICEN). . . . . .4-11 March
Signals Reunion at Wagga Wagga. . . . . 10-11 March
Bungonia Cave Rescue exercise (WICEN-Mark VK2XGK) . 18-19 March

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066.Items can also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 29th January 1995. Copyright 1995 WIA (NSW) &
contributors. Material may be used elsewhere if the source is
acknowledged.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1242. Re: "no-code" bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 03:14:44 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D392CK.Fuo@zeno.fit.edu>
Source record: 252888

i believe those operating before 1934 had to lay prone...
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1243. Re: Need Words for abbrev KC5LWF

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 03:27:13 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D392xD.G4p@zeno.fit.edu>
Source record: 252883

n1uan...humm...

No 1 U Ask kNows..nah..

Never 1 Under A Nuke...better.

N 1 U Are Nutty
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1244. Re: VEC/VE EXAMS & CLASS'S SOCAL

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 03:30:53 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3933H.G8A@zeno.fit.edu>
Source record: 252884

very complete -- nicely done. i might suggest maybe a first name
for the team contact phone number..
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1245. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 03:34:26 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3939E.GBv@zeno.fit.edu>
Source record: 252885

In article <3gh848$cme@empire.texas.net>, Bob Scott <bob@texas.net> wrote:
>
>Maybe we can get HRO to post their catalogs here too!
>
really? wow...i hope they include prices...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1246. Re: Phonetics Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 03:44:45 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D393qL.HrM@zeno.fit.edu>
Source record: 252886

keep expecting 6 moving violation broncos

kept exchanging 6 mylar valentine balloons

(usually i'm better at this..honest).

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1247. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 05:06:02 UTC
From: dave@eram.esi.com.au
Message-ID: <3gkgfq$479@eram.esi.com.au>
Source record: 252890

In article <3g4e9i$17a@vtc.tacom.army.mil>,
q@wx8l.tacom.army.mil (Sean (WX8L)) writes:

| Al, current flows from negative to positive, a commonly overlooked fact.

So what happens _inside_ the battery, eh? Riddle me that...

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1248. Re: 73?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 05:08:03 UTC
From: twise@shell.portal.com
Message-ID: <3gkgjj$sck@jobe.shell.portal.com>
Source record: 252891

brian.carling@acenet.com (Brian Carling) writes:

>TAW>Paul is, of course, correct, but as a side note, many people say "73's"
>TAW>which is incorrect. The translation of "73's" would be "best regards's",
>TAW>which sounds dumber than "What's your handle?".

>Do you have ANY idea how MANY times this has been said on here lately???
>It is also repeated almost daily on FIDO, RIME, AOL etc.

So? Why can't I say it again?

What's the big deal?

>TAW>Not many people care, but just an item of note.

>Exactly Travis. Almost nobody cares!

So then no one will mind that I posted it again, right?

--

Travis A. Wise
twise@sparta.sjsu.edu
<A href="http://www.portal.com/~twise/">My home page.</A>

1249. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 05:14:42 UTC
From: dave@eram.esi.com.au
Message-ID: <3gkh02$4c2@eram.esi.com.au>
Source record: 252892

In article <D2zxyL.295@zeno.fit.edu>,
wnewkirk@bb.iu.net (William E. Newkirk) writes:

| >| i would vote for purging the SKs into their own list.
| >
| >Mmmm... No disrespect, but why?
|
| just to not have them be listed as viable -- and if vanity calls come
| into play - some of the old calls will be going back into service..

Hmmm... Is USA the only country that doesn't re-issue old callsigns?
Australia has for years, and I don't see that as a problem; most of the
VKs on my list have been reissued. It's nice to know who had the call
before you...

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1250. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 05:17:27 UTC
From: dave@eram.esi.com.au
Message-ID: <3gkh57$4e0@eram.esi.com.au>
Source record: 252893

In article <D30y3L.Fpr@ridgecrest.ca.us>,
jrogow@ridgecrest.ca.us (Judith Rogow) writes:

| Dave, we would like to reprint it in a couple of newsletters. OK? Tnx
| YES, will give credit where due.

By all means - I just got a bit peeved when my list appeared from out
of nowhere, in response to someone saying _they_ were going to compile
a list...

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1251. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 05:24:10 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3gkhhq$2nc@crcnis3.unl.edu>
Source record: 252894
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

Hank Oredson (hanko@wv.mentorg.com) wrote:

: I'm very curious where you discovered the information that indicates
: it "... contrary to Internet's policy ...". As far as I know, there
: IS no such entity as "Internet" to have a policy. Could you be a bit
: more specific where you located this policy information? Any sort of
: reference will do: ftp, email, http, whatever. I'd like to review
: the policy you are talking about before making any further comments.

Any of a number of books at your local library or bookstore can fill you in on the history and evolution of what we now call the "Internet". It's original purpose was to connect Universities and other educational institutions for educational purposes. Major advances in this regard were made by the National Science Foundation. Commercial participation was once excluded or severely restricted. The intended purpose of the "creators" was educational advancement (much of it at taxpayers expense), not providing commercial enterprises with new ways to make money. Commercial connections are now common, the limitations on use much more flexible. There are no laws that I know of which prohibit advertising on the net, however the vast majority of commercial enterprises connected to the net honor the traditional "ban" on overt advertising and limit their use to their own research and development purposes and for business communications. They understand and respect the original purpose and intent of what has become the "Internet", and respect the wishes of the majority of users, as well as the wishes of those who have made "Internet" possible.

Virtually every major business from IBM to Intel to General Motors has Internet access. When was the last time you saw a commercial here from one of them?

Again, there are dozens of books that discuss Internet history and purpose. I've not done it, but I imagine you could also come up with lots of similar info if you do a Gopher search on some key relevant topics.

Feel free to let me know what you discover in your research.

Greg

1252. Sked for the following states!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 06:42:25 UTC
From: sdarragh@cisco.com
Message-ID: <sdarragh-310195144225@mrobles-mac.cisco.com>
Source record: 252795

I need the following states to finish my WAS I only need 9 more please help. If you can help me out please do? I would like to do it on a weekend.

Scott

North Dakota
Minnesota
Wisconsin
Missouri
Delaware
Vermont
Maine
Rhode Island
New Hampshire

--

Scott R. Darragh A.R.S. KE6MGW "When you win you get a feeling of

sdarragh@cisco.com exhilaration. When you lose you get
Cisco Systems, Inc. a feeling of resolution. You resolve
800-326-1941 x7173 never to lose again." -V. Lombardi

1253. need info on syt corp autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 06:55:33 UTC
From: n7iom@ki5pi.nmsu.EDU
Message-ID: <2574@ki5pi.nmsu.edu>
Source record: 252895

I need the manual for a syt corp model 861-1 autopatch. will pay for
copying and postage. please contact n7iom@ki5pi.nmsu.edu
thank you
jim patton n7iom@ki5pi.nmsu.edu

1254. Alfordn Slot Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 07:27:23 UTC
From: rickmcm@delphi.com
Message-ID: <9501310221591.The_Win-D.rickmcm@delphi.com>
Source record: 252896

Is anyone using one of the Alford Slot ATV antennas built
by WB0QCD Antenna Mfg. in Iowa?
I am very interested in purchasing one of the antennas for
use on an ATV repeater, but the last time I tried their number,
I got a message saying it was no longer connected. I still see
their antennas advertised in different places, what is going on?

Anyone have any info?

Rick, WB7UGZ

1255. T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 07:27:32 UTC
From: rickmcm@delphi.com
Message-ID: <9501310221592.The_Win-D.rickmcm@delphi.com>
Source record: 252897

Does anyone have any comments regarding T.E. Systems amplifiers?

Especially interested in their repeater amps.

Any comments would be appreciated.

Thanks,

Rick, WB7UGZ

1256. Re: RFI - TNC/Keyboard

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 10:12:02 UTC
From: terrific@cadvision.com
Message-ID: <3gl2di$18jn@huey.cadvision.com>
Source record: 252899

> In article <3gcctc$dp@ixnews3.ix.netcom.com>,
> brannick@ix.netcom.com (Bill Brannick) wrote:
> > Initially I thought perhaps the TNC problems were causing the keyboard
> > thing, but have eliminated that possibility by bringing up my word
> > processor and finding that the keys are effected there also if the
> > amplifier is "key-down"

Suggest you borrow a few different makes of keyboards from friends and try them. The signal may be
entering through the keyboard itself. Particularly in this age when most of them operate on a capacitive
effect instead of using old fashioned metal contanct switches. Some of the standard keyboards you get
with systems cost less than $10 wholesale, so you can imagine how value-engineered those ones are.
See if you can borrow a high end keyboard for a while. Since they range in price from $10 to $130 you
know there has to be some differences!

1257. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 10:18:31 UTC
From: imsusan@aol.com
Message-ID: <3gl2pn$1bp@newsbf02.news.aol.com>
Source record: 252900

It looks like a small few would like to speak for the majority. I for one will speak for myself. Leave the ham radio autors alone, and take your spams & flames to some other usenet. Hams who create and offer something for other hams should be allowed to speak about the product they create. You are not the FCC and this is not the amateur radio band. Commercial discussion is NOT prohibited here.

1258. Re: AMSOFT-commercializing the net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 10:19:13 UTC
From: imsusan@aol.com
Message-ID: <3gl2r1$1cl@newsbf02.news.aol.com>
Source record: 252901

Sounds like your flames may have set your foot on fire Bob. At least now
if you put your foot in your mouth again it will be warm.

1259. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 10:19:55 UTC
From: imsusan@aol.com
Message-ID: <3gl2sb$1dd@newsbf02.news.aol.com>
Source record: 252902

A big waste of bandwidth. The FLAMER is wrong in my opinion.

1260. Re: alt group ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 10:31:29 UTC
From: andyb@indy.net
Message-ID: <3gl3i2$mrb@indy-backup.indy.net>
Source record: 252903

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:

: Several months back I posted the question of how many hams were interested
: in creating a new group to be tentatively called

: rec.radio.amateur.tenten

Have you thought about broadening your appeal by making it...
rec.radio.amateur.orginizations
and making it open to all amateur clubs? You might have more interested
parties.

Andy KB9CAT

1261. New Amateur NewsGroup

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 12:21:17 UTC
From: rwilkins@ccnet.com
Message-ID: <3gl9vt$c32@ccnet3.ccnet.com>
Source record: 252904
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

With the proliferation of all these new nuts and bolts advertizers
sliping their wares into our .amateur. news groups, we may wish to
consider the impact and move toward creating an other group for this
express purpose.

I will start off by recommending rec.radio.marketplace

This would be a good group to read for the latest pointers to WEB pages,
the latest way to make-money-fast , all the latest Newsletters offering
all kinds of radio related goodies.

Please do not confuse this proposed marketplace group with rec.radio.swap

I would hope the rec.radio.amateur namespace gurus will step forward and
help lead this discussion toward the proper creation of a new news group.

Thank You,

Bob

Our .amateur. newsgroups are not the place for salesmen and their well known
attoerneys to intimidate our readers.
--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

1262. Re: Guineacrafters Inc. introduces new product

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 12:45:37 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D39ss2.AzE@hpqmoea.sqf.hp.com>
Source record: 252905
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

That Hindenberg cable certainly has nice performance data and price,
but doesn't it have a bad history of difficulty in making connections?

It spoils the advantages when you think how many heliax connectors
you could buy for just the cost of one Hindenberg connection.

David GM4ZNX, about 300 miles North of Cardington.

1263. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 12:46:15 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3glben$rg5@cat.cis.Brown.EDU>
Source record: 252906
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <3gju2u$eep@grape.epix.net>, Pete deVolpi <amsoft@epix.net> wrote:

>Epix is an open and uncensored system.

So, it would be okay for me to use epix.net to distribute
pornographic material. Or use it for net drug trade. Perhaps
post mass quantities of skin-head propaganda.

Nah, didn't think so. Epix.net is only uncensored to those views
you happen to agree with.

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1264. Re: Gnding ant for lightning (was Kite-tenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 12:50:33 UTC
From: roh033.mah48d@rohmhaas.com
Message-ID: <roh033.mah48d-310195075012@136.141.220.39>
Source record: 252907

In article <3ge2i3$9co@ixnews1.ix.netcom.com>, scrouch@ix.netcom.com
(Stephen Crouch) wrote:

> >[They tell you, in case of lightning, your car is a safe place to be.
> >Surely, electricity that has travelled hundreds of yards in the air
> >is not going to be put off by a few inches of rubber.]
> >
> Nice commentary on the reasons for grounding, but responding to your
> p.s.: in simple terms, I understand that lightning, being static
> electricity, is a surface charge. Therefore, if you are inside the
> metal body of a car, you are more or less protected. Woe unto
> convertables <grin>.

The term is "Faraday cage", a conductive framework which provides a path
for the lightning discharge _around_ you, rather than through you.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

1265. ANTARCTIC STATION - ZS7ANT

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 13:37:03 UTC
From: tilbury@ph.und.ac.za
Message-ID: <tilbury.5.2F2E3CFF@ph.und.ac.za>
Source record: 252908

```
ANTARCTIC STATION - ZS7ANT
--------------------------

The station operating from the South African base, SANAE, operating as ZS7ANT
will not be on the air for the remainder of 1995, as the base is closing
temporarily whilst the new base is under construction.

If you have experienced difficulty obtaining QSL's for contacts made during
the past few years, please send details plus proof of contact to me and I
will forward a card to you. In the past, the station has been ' managed ' by
various people, and problems have arisen. I will now be managing the station
for the forseeable future, and can be contacted at : ZS7ANT via ZS5GMT:
PO Box 17118, Congella, 4013, South Africa.

Please be sure to include sufficient to cover airmail postage of QSL card.

Graham T. - ZS5GMT
```

1266. Re: TM-732 vs TM-733A

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 13:38:31 UTC
From: jim dixon <dixon@vt.edu>
Message-ID: <3glegn$2k6@solaris.cc.vt.edu>
Source record: 252909

robert.brandon@camel.com (ROBERT BRANDON) wrote:
>
> Can anyone tell me what additional features the Kenwood Tm-733A has over
>
> the TM-732? Thanks. Robert WD5AAT

The 732A is the ametican version of the 732. If both are originally purchased
in the U.S. then there is no difference.

jim dixon, nl7hi

1267. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 13:39:42 UTC
From: kdh@cimtek.on.CA
Message-ID: <199501311339.IAA04645@apollo.cimtek.on.ca>
Source record: 252910

```
subscribe
```

1268. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 13:45:32 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3glets$gc7@info4.rus.uni-stuttgart.de>
Source record: 252819

In article <steve.791064285@ichips.intel.com>,
Steve Willoughby <steve@ichips.intel.com> wrote:
>I'm suspecting this may be the "memory effect" Ni-Cd batteries can have,
>if they are not allowed to drain empty before recharging.

You know, if it is the memory effect, if it comes up after incomplete
discharge and subsequent charge.

>I seem to recall a circuit that could be built to "zap" or "condition"
>Ni-Cd batteries which were in this state, so that they would take a
>full charge once again.

Steve,

be careful with circuits that do any zapping on nicads, because
some may actually require zapping (in case of internal shorts)
but others will take very badly to such a treatment.

To cure the memory effect, connect a resistor (lamp) across the
cells, that will drain them within a few hours. If they discharge
seemingly properly, but only with 80% of the design voltage,
than there is most likely a memory effect present. (there is
however a chance that one of the cells is dead).

When the voltage eventually breakes down (*never* let it go
right down to zero) you charge them fully and the memory effect will
be gone (may be two or three cycles are needed.).

good luck, Moritz DL5UH

1269. Re: 150 to 153mhz help needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 13:48:53 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan31.134853.15617@ke4zv.atl.ga.us>
Source record: 252915
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1995Jan30.185452.28937@schbbs.mot.com> P22407@email.mot.com writes:
>
>I am new to this, but I am wearing my asbestos boxer shorts, so flame away
>if you feel the need.
>
>My brother has started racing SCORE off-road (Baja 1000, etc.), and I have
>offered to run chase & logisics support for him. The radio he has in his
>racecar has 10 channels in the ~ 150 to 153mhz range for communications
>with various pits and race officials. The only radio equipment I currently
>have is a CB in my truck and a Uniden BC200XLT scanner.
>
>First question:
> I found out the antenna on my scanner only works when he is within
>a few miles of me. Other teams use a large antenna mounted on a mast. Could
>I use a 2 meter antenna and tune it for reception in this range? Or better
>yet does someone have a good design (I have much more time, tools, and
>materials than money) for a omni-directional antenna? The connector going
>into my scanner is a male BNC.

Yes, you certainly can make a good antenna from just some copper plumbing pipe and fittings. The antenna design is called a J-pole, and if you'll ask for the plans in the rec.radio.amateur.antenna group, someone will Email you the ASCII art, or you can look it up in the ARRL Handbook or Antenna Book (available at many libraries). It's a simple antenna that's 54 inches tall for 2 meters. For the frequency you need to receive, it will be about 51 inches tall.

You can scale the dimensions of any antenna by multiplying the dimensions listed at frequency X by X/Y where Y is the new frequency. Example, a 54 inch element at 144 MHz will be 54*144/152=51.16 inches at a frequency of 152 MHz.

>Second question:
> Once I have a good antenna, could I use a tubular aluminum pool
>brush handle for a mast (~20' long)?

Sure can. If you build the J-pole with a "tail", it can be made to be a slip fit over your brush handle. To do this, use a Tee fitting in place of one of the 90 degree elbows in the J-pole design.

Now you might actually want to build a yagi beam antenna instead. This will have more gain than just a vertical, but you'll have to know what direction to point it. That shouldn't be a problem in your application. You can make a beam from a piece of 2x2 wood and some welding rods for elements. Check out the ARRL Handbook or Antenna Book for plans. Scale

the dimensions as mentioned above for the frequency of interest. Clamp it to your mast with a U-bolt.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1270. NEEDED: Icom 738/736 MARS/CAP Mod.

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 14:02:10 UTC
From: paidukas@huey.mis.semi.harris.com
Message-ID: <3glft2$k0q@hearye.mlb.semi.harris.com>
Source record: 252911

I am in need of the MARS/CAP modification for out-of-band transmit for the
Icom 736/738. I need this for a transverter project I am working on.

Paul KE4QJA
Packet: KE4QJA@KD4WLE.#MLBFL.FL.US.NA Internet: KE4QJA@theborg.mlb.fl.us

1271. Re: Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 15:02:48 UTC
From: jbaltz@inibara.cc.columbia.edu
Message-ID: <3gljeo$jff@apakabar.cc.columbia.edu>
Source record: 252913
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3givik$1qv7@yuma.acns.colostate.edu>,
Galen Watts <galen@picea.CFNR.ColoState.EDU> wrote:
>Hopefully, we've all heard about the gate system and ... but,
>which forms of vanity calls will be available? Will it be only
>the groups currently available or will calls like W0A, N7, ...
>and calls of the form A#x or A#xx... be available?

A#xx and a#x aren't US-assigned call prefixes (a# belongs to someone else
for each #, and I don't have the list here to prove it...)

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

1272. Solid State Tube

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 15:38:25 UTC
From: ddvvdd@mixcom.com
Message-ID: <nbbBlmJAOojS069yn@mixcom.com>
Source record: 252914

I'm looking to buy a solid state tube replacement made by Sartori Associates back a number of years ago.

The solid state tube type is an SBA6 which replaces the 6BA6 in an R-4C Drake receiver.

All of the other tubes have been replaced with solid state subs except this one, so I would like to purchase the SBA6 to complete the receiver.

If you have the SBA6 for sale, you can either e-mail directly or leave a message here. Thanks!


```
+-----------------------------------------+
| ddvvdd@mixcom.com|
| /`-_ jbecker@execpc.com|
| { }/ Jack Becker|
| \ / AE9H, ARRL, Amateur Radio|
| |__*| AE9H @ N9JR.#MKE.WI.USA.NA|
+-----------------------------------------+
```

1273. Re: RFI - TNC/Keyboard

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 15:59:19 UTC
From: levine@mc.com
Message-ID: <3glmon$7dh@jericho.mc.com>
Source record: 252916

In article dp@ixnews3.ix.netcom.com, brannick@ix.netcom.com (Bill Brannick) writes:
-->I have recently purchased an Ameritron 811H amplifier primarily to help
-->my sigs on 40 and 80 meter. Works well on SSB and CW.
-->
-->However I also like to work the digital modes (RTTY, Amtor, Pactor)
-->but have found that if a run the amp at all, I am getting RF into the
-->Computer keyboard, a recent Gateway product and to some degree into the
-->AEA 232MBX, to the extent that the green "STA" lamp (normally
-->extinguished in these modes) glows brightly as I increase power. These
-->problems only exist on 40 and 80. The dipole I use for these bands is
-->probably 40 feet away (straight line distance)

One common problem of the PK232 is feedback into the rig via
the AFSK wire. I had this problem when using AFSK (SSB)
for RTTY. The AFSK OUT of the TNC to the radio was he
culprit

If you can use FSK for digitil, cut the wire (I cant
remember the right color now) and use the FSK output of
the TNC-->Radio instead.

Unfortunately all radios do not provide FSK inputs.

Although this may not be the problem since you dont
have the problem with the amp off, although it might
be exasperated by the additional RF floating around.

Using high power, I also found it necessary to have all
the equipment gounded together. I use a AL811 amp also
(not the H version though).

Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
World Wide Web http://www.raddev.com/biz/raddev/
---
reply for Radio Devices to bob@raddev.com please. tnx

1274. WANTED: Alinco DJ-160T MODS

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 16:15:48 UTC
From: davek@aztec.inre.asu.edu
Message-ID: <3glnnk$3d5@news.asu.edu>
Source record: 252917

Please send your Alinco DJ-160T mods to:

:::::::::::: --... ...-- ::::::::::::
:: Dave ::
:: Phoenix, AZ ::
:: Email: davek@aztec.inre.asu.edu ::
:: Packet: n7lyr@k7buc.az.usa.na ::
::::::::::::::::::::::::::::::::::::

1275. Cushcraft R-7

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 16:51:06 UTC
From: Milan.Bandur@mimi.g-box.fido.hr
Message-ID: <a69_9311281639@g-box.fido.hr>
Source record: 252918

Hi!

A friend of mine is an owner of Cushcraft aerial (type R-7).
During his recent removal documentation and manuals for instalation
and tuning have been lost, so I would be very grateful if any amateur can
help by sending a demanded fotocopy at his expense to adress:

Krunoslav Horvatic
Naumovac 12/Ia
41000 Zagreb
Croatia
Europe

Greetings, MIMI
P.S. Also, any info on subject would be very appreciated.
--
| Fidonet: Milan Bandur 2:381/102.9
| Internet: Milan.Bandur@mimi.g-box.fido.hr
| Standard disclaimer: The views of this user are strictly his own.

1276. Re: Yaesu 530 or ICOM W2A Turn Burst?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 17:20:12 UTC
From: kreifels@intel.com
Message-ID: <kreifels.791572812@fmwu23>
Source record: 252919

bparrish@hprpcd.rose.hp.com (Bill Parrish) writes:

>Does anyone know how to enable toneburst on the US version of either of
>these radios... I am thinking of using them in Europe.

The ftp site at
oak.oakland.edu/pub/hamradio/mods/yaesu/ft530.mod
describes conversion to a tone burst unit by removing the
solder bridge on jumper 12. If you need more info, try retrieving
the above named file. (It's 11K, and rehashes several versions of the
rx/tx mods, so I didn't want to post it.) Good luck.

Jerry, KO6JV
Jerry_A_Kreifels@ccm.fm.intel.com
"My opinions, not my employer's."

1277. ?online us/foreign callbook info?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 17:33:18 UTC
From: "Mark L. Nagurka" <mln+@andrew.cmu.edu>
Message-ID: <Yj=bFSu00iV0E2vxgc@andrew.cmu.edu>
Source record: 252925

This is most likely a dumb question, but here goes anyway:
How do I find US and foreign callbook addresses on the Internet?
Thanks for (kindly) responding.
73, Mark WA3RMV

1278. Marine VHF Communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 18:02:03 UTC
From: bl261@FreeNet.Carleton.CA
Message-ID: <D3A7FF.35L@freenet.carleton.ca>
Source record: 252921

Hello:

I am part of a team conducting a Communications Review for the Canadian Olympic (training) Regatta Kingston a.k.a. CORK. We are looking at all aspects of comms used in support of day-to-day regatta operations, and I am hoping that sailors and communicators of all types reading this might be able to offer any suggestions.

CORK currently relies on Marine VHF shipboard and hand-held transceivers for Race Committee comms, and ship-to-shore regatta support comms, to support as many as six separate Race Committees and race courses at any one time. Additionally, Citizens'-Band base station and hand-helds are used by Regatta Security personnel, and some borrowed VHF base stations and HTs (hand-helds) are also used by Regatta organizers onshore.

The VHF Marine HTs have been purchased over a long period of time, and the batteries (NiCad) probably need to be replaced; finding a battery source for a variety of different Marine VHF HTs has been a bit of a problem. CORK owns and uses the following makes/models of Marine VHF HTs:

MARINE 5504 / LORAD Black Hawk / LORAD XR100 / SITEX HH-150

CORK also uses a number of base station-type Marine VHF sets, commonly called "tackle-boxes", as they open like a tackle-box, have removable lids, have 1 watt/25 watt power output, and do not have both US & international capability.

Replacement batteries for most Amateur (HAM) Radio HTs are easy enough to find; replacements for Marine VHF units are somewhat more difficult to find.

I have already seen/read the articles in "Practical Sailor", for September 93 (Vol 19, Nbr 17/18) and October 15th 93 (Vol 19, Nbr 20), regarding hand-held VHFs, and February 1st (Vol 20, Nbr 3) and March 1st (Vol 20, Nbr 5) regarding high-end VHF radios and VHF radio tests.

Any other suggestions or ideas from sailors and communicators alike would be greatly appreciated. Deadline for any suggestions is NLT February 15th 1995, as we must submit short and long-term recomendations to the CORK Board of Directors by March 1st.

In Advance, Thanx!

Rick Gill - CORK Rescue & Communications Coordinator
--
R.L.A. (Rick) Gill SnailMail:
bl261@freenet.carleton.ca 903-641 Bathgate Drive
or CompuServe 73073,3525 Ottawa, Ontario
CANADA K1K-3Y3

1279. Re: Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 18:12:07 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3gluhn$1kaq@yuma.ACNS.ColoState.EDU>
Source record: 252922
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3gljeo$jff@apakabar.cc.columbia.edu> jbaltz@inibara.cc.columbia.edu (Jerry B Altzman) writes:
>In article <3givik$1qv7@yuma.acns.colostate.edu>,
>Galen Watts <galen@picea.CFNR.ColoState.EDU> wrote:

>>...will calls like W0A, N7, ...
>>and calls of the form A#x or A#xx... be available?
>
>A#xx and a#x aren't US-assigned call prefixes (a# belongs to someone else
>for each #, and I don't have the list here to prove it...)

the prefixes A1A-A9Z are assigned, but don't those calls have another number, i.e., A1#xxx? That would leave American calls A1xx-A0xx open. From the prefix list, it would seem that the ITU would allow America to assign the prefixes AAA-ALZ, so I could have my A0xx and someone could get AAA0AAA.

Anybody know?
galen, KF0YJ

1280. Re: Crystals

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 18:21:55 UTC
From: tomb@lsid.hp.com
Message-ID: <D3A8CJ.Bzp@hpcvsnz.cv.hp.com>
Source record: 252923

Brian Carling (brian.carling@acenet.com) wrote:

(Good list of crystal sources!)

: ICM (International Crystal Manufacturing Co., Inc.) 800-426-9825
: P.O. Box 26330: 701 W. Sheridan
: Oklahoma City OK 73126-0330

The 800-number ICM now lists in their ads is 800-725-1426.

1281. Re: rec.radio.amateur.binaries ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 18:27:04 UTC
From: wakko@lamar.colostate.edu
Message-ID: <3glvdo$1c15@yuma.ACNS.ColoState.EDU>
Source record: 252924

In article <D38q3v.M7A@vectorbd.com>, jpll@vectorbd.com says...
>
>Has anyone ever considered a group for ham software. The network gets
>clogged ith X-rated GIF's. Certainly it can stand something useful. I
>often see people looking for software on here.
>
>--
>~~~~~~
>Jim Lill / Vector Board BBS \
>jpll@vectorbd.com \ 716-544-1863/2645 /
>wa2zkd@wb2psi.#wny.usa.na GEnie: ZKD

I can put it on my server.

Al Lacy
KB0PYY

1282. Re: ?online us/foreign callbook info?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 19:02:05 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3gm1fd$he4@acme.freenet.columbus.oh.us>
Source record: 252927

Mark L. Nagurka (mln+@andrew.cmu.edu) wrote:
: This is most likely a dumb question, but here goes anyway:
: How do I find US and foreign callbook addresses on the Internet?
: Thanks for (kindly) responding.
: 73, Mark WA3RMV

US and Canada, telnet cs.buffalo.edu 2000
Don't forget the 2000.

International can't help, maybe someone else?

73
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

1283. test

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 19:04:23 UTC
From: wrich@whale.st.usm.edu
Message-ID: <3gm1jn$kqj@server.st.usm.edu>
Source record: 252926

this is just a test.

1284. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 19:22:50 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan31.192250.17450@ke4zv.atl.ga.us>
Source record: 252778

In article <3gipq5$6s5@acme.freenet.columbus.oh.us> jtesta@freenet.columbus.oh.us (Joseph Testa) writes:
>
>Except I NEVER connect up the radio until after I start the vehicle and
>if it stalls I disconnect the power first before restarting.

That seems excessively paranoid, not to mention tough on connectors.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1285. Re: Vests, Arm Bands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 19:46:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.22758.7585.0NFB9062@woodybbs.com>
Source record: 252780

For what it's worth
GALLS, INC. of LEXINGTON, KY carries all sorts of vests, armbands
and bullet-proof vests in quantity for those that need them. They have
orange/yellow/red/blue/black..... etc.
Check Directory assistance for GALLS INC. They are in the 606 area.
They cater to law enforcement groups, but sell to anybody for cash
<<GRIN>> 73 Joe Taylor N4NAS, Glasgow, KY

 BgNet 1.0 12 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

1286. Re: Question On K1man

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 19:46:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.22757.7585.0NFB9061@woodybbs.com>
Source record: 252781

Here's some more fuel for the K1MAN fire..... 73 Joe- N4NAS
Packet Repost....:
Date/time : 27-Jan 21:55
Title : Re: K1MAN's "Broadcast" MISconduct
From: WR9B@WR9B.#WCIL.IL.USA.NA

>BROADCAST: To send (addresses, lectures, messages, music, speeches, etc.)
from a central station to receiving points within specific range by
radiotelegraphy or radiotelephony. --Funk and Wagnalls
>
> Something has to be done. In case you haven't heard about the
current source of contention on 20 and 75 meters, K1MAN continues to
operate SSB bulletin stations without regard to ongoing communication
already established occupied, he should move at least 2 kHz away and
repeat the process, eventually finding an open, unused frequency where he
can begin his broadcasting. That procedure holds true for other stations
desiring the use of "their" specific, traditional frequency of operation
as well. If -
K1MAN already occupies that frequency, they should move at least 2 kHz to
find one that's open. So, what's the problem? Our transmitters aren't
"rockbound" (crystal controlled), and we also possess the mental
flexibility to compromise.
>
> This whole concept of broadcasting by hams on our ham bands needs to
be addressed. What about W1AW? Should the ARRL, of which, by the way, I
am a proud member, curtail W1AW broadcasts since it's transmissions are
initiated without regard to frequency occupancy, or should it, since it is
the headquarter-station of an organization that represents a large number
of hams, be allowed to continue transmitting in that manner? I vote for
the latter. What about future bulletin broadcasters? Are there eno-
ugh wannabe
(TEXT DELETED)

73 Chip WB9EBE @ W9ZMR.EN52VA.IL.USA.NOAM

Whoa!!!!!

Hang on a sec, there Chip, first you say that K1MAN should not (and I
agree) start transmitting on a frequency that is in use, and then you turn
around and say that its ok for the ARRL to do it????? Sorry, but the ARRL
is a MUCH bigger offender as far as transmitting on a "busy" frequency
than K1MAN will ever be.... You can't have it both ways, Chip, if it is
wrong, then it is wrong no matter WHO does it...

73,
Larry, WR9B @ WR9B.#WCIL.IL.USA.NA

1287. Re: Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 19:58:38 UTC
From: wjturner@iastate.edu
Message-ID: <3gm4pe$kb4@news.iastate.edu>
Source record: 252782

In article <3gluhn$1kaq@yuma.ACNS.ColoState.EDU>,
Galen Watts <galen@picea.CFNR.ColoState.EDU> wrote:
>the prefixes A1A-A9Z are assigned, but don't those calls have another number,
>i.e., A1#xxx? That would leave American calls A1xx-A0xx open. From the
>prefix list, it would seem that the ITU would allow America to assign the
>prefixes AAA-ALZ, so I could have my A0xx and someone could get AAA0AAA.

I believe you are correct about the A1#xxx, but I don't think the US can
issue A#xxx because we don't have AAA-AZZ. If we did, like KAA-KZZ,
NAA-NZZ, and WAA-WZZ, we could. Someone else has AMA-AZZ (or several
countries have parts of it...), making it impossible for us to assign
A#xxx. I think this comes more from the fact that this prefix list is
not just for amateur stations, but also other types of stations
(commercial, government, etc.) (Notice all US radio stations have calls
starting with K or W.)

As always, this is just my opinion, based on a little fact, and it could
be completely wrong...

Will, N0RDV

1288. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:18:34 UTC
From: E.H.Terwiel@inter.NL.net
Message-ID: <E.H.Terwiel.17.00154B98@inter.NL.net>
Source record: 252821
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <3gjo7q$lt7@fido.asd.sgi.com> livesey@solntze.engr.sgi.com (Jon Livesey)
writes:
>Xref: sun4nl alt.usage.english:45559 rec.radio.amateur.misc:57074 sci.lang:20942
>Path:
>sun4nl!EU.net!news.kreonet.re.kr!overload.lbl.gov!lll-winken.llnl.gov!enews.sgi.
>com!fido.asd.sgi.com!solntze.engr.sgi.com!livesey
>From: livesey@solntze.engr.sgi.com (Jon Livesey)
>Newsgroups: alt.usage.english,sci.lang,rec.radio.amateur.misc
>Subject: Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)
>Date: 30 Jan 1995 22:12:10 GMT
>Organization: sgi
>Lines: 15
>Distribution: world
>Message-ID: <3gjo7q$lt7@fido.asd.sgi.com>
>References: <3g3qeu$ckq@lyra.csx.cam.ac.uk>
><3g8rod$f08@pheidippides.axion.bt.co.uk> <791326620snz@g4kfk.demon.co.uk>
><9265@raven.ukc.ac.uk>
>NNTP-Posting-Host: solntze.engr.sgi.com

>In article <9265@raven.ukc.ac.uk>, jmk@ukc.ac.uk (J.M.King) writes:
>|> >
>|> >> "England's not a bad country ... it's just a mean, cold, ugly, divided,
>|> >> tired, clapped out, post-imperial, post-industrial slag-heap covered in
>|> >> polystyrene hamburger cartons." -- Margaret Drabble.
>|> >
>|>
>|> Didn't they make her a Dame? That was a bad decision!

>Not really. A great country ought to be able to take a great
>deal of slagging, and still hand out honours for significant
>achievement. I don't think we want to kind of McCarthyism
>that got peoples careers ruined for what they said.

>jon.
Well, The usa is headed in that same direction since Reagan, is it not ?
Read Noam Chomsky and you'll know.
E.H. Terwiel, Utrecht Holland
e-mail : E.H.Terwiel&inter.NL.net

1289. Mobile installation:

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:21:39 UTC
From: bob.elliott@shivasys.com
Message-ID: <9501312021.0SLQF01@shivasys.com>
Source record: 252809

NE>Newsgroups: rec.radio.amateur.misc
NE>Subject: Re: Mobile installation: why 2 fuses?
NE>From: clmorgan@miavx3.mid.muohio.edu (Carl Morgan)
NE>Date: 26 Jan 95 10:41:14 EST
NE> <1995Jan26.133159.5317@ke4zv.atl.ga.us>
NE>Nntp-Posting-Host: 134.53.20.206
NE>Lines: 49

NE>In article <1995Jan26.133159.5317@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Ga
NE>Coffman) writes:
NE>> In article <3g4e9i$17a@VTC.TACOM.Army.Mil> q@wx8l.tacom.army.mil (Sean
NE>(WX8L)) writes:
NE>>>Albert S Woodhull (aswNS@hamp.hampshire.edu) wrote:
NE>>>: I have often read recommendations that mobile equipment be installed wit
<<snip>>

NE>> The reason for the fuse in the ground lead is so that if the strap connect
NE>> from the battery to the frame fails (and this happens fairly often due to
NE>> corrosion), vehicle power won't flow *through* your radio from the RF grou
NE>> connection back to the battery. A starter draws better than 200 amps, your
NE>> radio would be toast. IE, in this case, it's the *second* loop that you're
NE>> fusing, the *unintentional* loop of vehicle systems returning to the batte
NE>> via your radio and it's antenna connection.
NE>>
NE>> Gary
NE>> --
NE>> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!ga
NE>> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
NE>> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
NE>> Lawrenceville, GA 30244 | |

NE>Gary, I'm usually in agreement with your statements, but I've a problem
NE>with this one.

NE>Presuming the ground strap to be broken (I've NEVER had one break in 40+
NE>years of using cars), how could you get 200A to flow thru the #16 or #14
NE>wire commonly used in a radio hookup?

NE>Even if it did, why could it "toast" the radio if the radio case and coax
NE>shield are both connected to ground?

NE>EH?

The little thinwire would become a heating element...an unfused heating
element. It would most likely burn your car up. I have seen ground
straps that have broken. I have seen radios that are toast from broken

ground straps.

--Bob bob.elliott@shivasys.com

* SLMR 2.1a * Don't be sexist. Broads hate that

1290. Re: Can HAM radios interferre with TV/Cordless Phones?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:47:54 UTC
From: alanb@sr.hp.com
Message-ID: <3gm7lq$pn4@canyon.sr.hp.com>
Source record: 252784

na8130100-Bair (bair@sparki44.ih.att.com) wrote:
^^^
: My folks have been having BIG problems with reception lately and they
: seemed to think it's a HAM operator. ...

: The phone is an AT&T 5100 ...

Must be that AT&T phone. Better get a Panasonic... :=)

Seriously, though. From your description it does indeed sound like
interference from a nearby transmitter. It could be ham, CB, cellular
phone, taxi radio, whatever. Your best bet is to try to understand
some of the voice. Even if you can't get a callsign, the type of
jargon used would give a clue as to which radio service is involved.

Al Bloom N1AL

1291. need words for abbrev N1U

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:55:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5246.545@acenet.com>
Source record: 252791

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

TE>need words for the UAN part of the call thanks in advance looking
TE>forward to some good ones
TE>73 BOB N1UAN

Bob, you already did this yesterday! Deja vu?

brian.carling@acenet.com

 SLMR 2.1a All that is not eternal is eternally out of date. CSLewis

1292. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:55:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5247.545@acenet.com>
Source record: 252792

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

BS>sysop@infoplus.uu.holonet.net (Sysop) says:
BS>>
BS>>Information Plus is pleased to offer a superb Ham Radio CDROM
BS>>featuring:
BS>/\/\/\/\/\/\/\/\/\ Chainsaw Inserted Here /\/\/\/\/\/\/\/\/\/\

BS>GAWD! See what I mean guys? Now we've got *two* of them at it.
BS>I sent a complaint to admin@uu.holonet.net -- somebody let me
BS>know if there's a better address to post complaints to.

Hmmmm Bob, how about sending them to alt.radio.grumble.codgers?

 SLMR 2.1a All that is not eternal is eternally out of date. CSLewis

1293. Phonetics Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:55:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5249.545@acenet.com>
Source record: 252793

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

BKS>My call is KE6MVB and I am looking for some good phonetics. I usually use
BKS>Kilo echo six mike victor bravo. I am looking for something more creative.

Uh, Most Valuable Ben
Most Valuable Bubbe
Making Vodka Bubbles
Mostly Visiting Boston/Berkley/Baltimore (substitute name of "B" city)

brian.carling@acenet.com

 SLMR 2.1a All that is not eternal is eternally out of date. CSLewis

1294. Re: NOVICE ROUNDUP (last

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:55:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5248.545@acenet.com>
Source record: 252794

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

SEK>Yeah, this would be a good thing. Give some Novices/Techs some QSO's this
SEK>week. And all you Novices & Techs out there, if you don't operate much
SEK>CW, this is a great time to dust off the key.

SEK>73,
SEK>Sean

Sean - interestingly the 21.100 - 21.200 segment of 15 meters was
completely devoid of signals during the great DX band openings
of this past weekend. I tried byt found no novices on the air.

AF4K
brian.carling@acenet.com

• SLMR 2.1a • All that is not eternal is eternally out of date. CSLewis

1295. Re: Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 20:59:42 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Jan31155942@cassandra.bbn.com>
Source record: 252783
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3gluhn$1kaq@yuma.ACNS.ColoState.EDU> galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:
the prefixes A1A-A9Z are assigned, but don't those calls have another number, i.e., A1#xxx? That would leave American calls A1xx-A0xx open.

These still belong by ITU assignment to those other countries. They are not valid amateur calls, but they would be perfectly valid for broadcast or navigation stations, e.g. A4BC would be a perfectly valid call sign for shortwave broadcast station in Oman.

From the prefix list, it would seem that the ITU would allow America to assign the prefixes AAA-ALZ, so I could have my A0xx and someone could get AAA0AAA.

AAA0xxx belongs to another service in the US, namely Army MARS, I believe.

/JBL KD1ON

1296. ICOM - W2A extended receive

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 21:04:59 UTC
From: reynolds@mindspring.com
Message-ID: <reynolds.14.0011FF43@mindspring.com>
Source record: 252787

A couple of years ago i had my unit set up for extended receive.

I have reset the unit and forgotten the sequence. As I recall, you had to hold three buttons down while you turned the rig on.

Anybody know the sequence?

Thanks, Bill - W4IRZ

1297. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 21:22:36 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Jan31.212236.10436@ttinews.tti.com>
Source record: 252788

In article <3gbv2b$2tg@abyss.West.Sun.COM> myers@Cypress.West.Sun.Com writes:
>
>I've interviewed a few candidates that mentioned their ham license
>either on the resume or in the interview. I'll usually play dumb
>and ask a few questions about ham radio, then 'fess up that I'm
>licensed, too. They'll ask my call, and, always, my license class.
>
>One time, the candidate BSed on the answers to the radio related
>questions. He looked a little nervous when I said "KK6JQ, Extra".
>
>:-)
>
>
Not unlike showing up at a CB break wearing an FCC hat...;-)

Come back to 10m Dana...we miss you. Paul and the Gang sez 'Hello'!

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

1298. ARLX010 Bill Grenfell, W4GF, SK

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 21:26:39 UTC
From: w1aw@arrl.org
Message-ID: <$arlx010.1995@ampr.org>
Source record: 252785
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX010
ARLX010 Bill Grenfell, W4GF, SK

ZCZC AX79
QST de W1AW
Special Bulletin 10 ARLX010
From ARRL Headquarters
Newington CT January 31, 1995
To all radio amateurs

SB SPCL ARL ARLX010
ARLX010 Bill Grenfell, W4GF, SK

Bill Grenfell, W4GF, SK

William S. Grenfell, W4GF, a former chief of the FCC's Amateur Branch and former chief of the Amateur Service Section, died January 27, 1995, in Vienna, Virginia. He was 82 years old.

Grenfell worked for the FCC from 1940 until retiring in 1971, except for several years in the US Navy during World War II. After graduating from Oregon State College with a BS degree in electrical engineering in 1935, he worked for the State of Oregon until joining the FCC's Seattle office as an assistant monitoring officer in the FCC Radio Intelligence Division in 1940.

Following the war, Grenfell returned to the FCC as a radio engineer. In 1952 he became chief of the Amateur Branch and Amateur Service Section; from 1962 until 1966 he was chief of the FCC Rules and Standards Branch of the Amateur and Citizens Division; and he was chief of the Rules and Legal Branch of the Amateur and Citizens Division from 1966 until retiring in 1971.

An FCC news release announcing Bill Grenfell's retirement called him ''a practicing (amateur) operator for almost 41 years'' (he was first licensed in high school) and cited his contesting achievements. After retiring he wrote columns for the Washington, DC-area Amateur Radio publication ''Auto-Call'' and also for WorldRadio.

W4GF's memberships and awards are nearly too numerous to list. He was an ARRL life member, a Quarter Century Wireless Association life member, a fellow of the Radio Club of America, and a member and former president of the Potomac Valley Radio Club. He was a licensed pilot and regularly flew his plane to the Dayton HamVention.

Bill Grenfell died after an illness of several years. His wife,
Bernece, died earlier, and he leaves no close survivors.
NNNN
/EX

1299. ARLB010 Renewal hearing ordered

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 21:29:44 UTC
From: w1aw@arrl.org
Message-ID: <$arlb010.1995@ampr.org>
Source record: 252786
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB010
ARLB010 Renewal hearing ordered

ZCZC AG76
QST de W1AW
ARRL Bulletin 10 ARLB010
From ARRL Headquarters
Newington CT January 31, 1995
To all radio amateurs

SB QST ARL ARLB010
ARLB010 Renewal hearing ordered

Renewal hearing ordered

The FCC has designated for a hearing the application for renewal of an Amateur Extra Class operator's license and station license.

Herbert L. Schoenbohm, KV4FZ, of Kingshill, US Virgin Islands, has applied for renewal of his operator and station licensees. The FCC designated a hearing, saying that ''it appears that Mr. Schoenbohm lacks the requisite qualifications for a renewal'' of his licenses.

In 1992 Schoenbohm was convicted in US District Court of the fraudulent use of a counterfeit long-distance telephone access device, and was sentenced to a (suspended) two-month prison term, as well as placed on two years' probation.

The FCC said that Schoenbohm's conviction ''is relevant to evaluating the likelihood that he will comply with the Commission's Rules as a licensee in the amateur service.''

The FCC said issues to be addressed at a hearing would be Schoenbohm's qualification to renew his amateur licenses and whether such renewal ''would serve the public interest, convenience and necessity.''

The burden of proof ''shall be upon (Schoenbohm) as to all issues,'' the FCC said.
NNNN
/EX

1300. March Field Days SFO/South Bay

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 21:36:36 UTC
From: pjvernon@sydney.DIALix.oz.au
Message-ID: <3gmah4$404$1@sydney.DIALix.oz.au>
Source record: 252789

I'll be in the San Jose area from 26-2-95 til 26-3-95 and was wondering
if there will be any field days held in the greater SFO Bay area.

Regards & 73's
Peter
VK2JPJ
--

---
pjvernon@sydney.DIALix.oz.au
Peter John VERNON
Location CURRANS HILL N.S.W. AUSTRALIA 2567
Amateur Callsign VK2JPJ
Contact Numbers:
Int +61-2-724-8149
Aus 02-724-8149

1301. Re: Radio Shack working with Local Hams!@%

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 21:54:28 UTC
From: clowery@pen.k12.va.us
Message-ID: <D3AI6s.3sG2@pen.k12.va.us>
Source record: 252790

We had a similar problem with radio shack but a call to main
headquarters explaining the request through the ARRL got us in
any time we need.
Charles Lowery

1302. Re: AMSOFT (&other) advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 23:06:48 UTC
From: dtburr@ix.netcom.com
Message-ID: <3gmfq8$k63@ixnews3.ix.netcom.com>
Source record: 252796
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In <3gjbss$3l9@hpbab.wv> hanko@wv.mentorg.com (Hank Oredson) writes:

>I'm very curious where you discovered the information that indicates
>it "... contrary to Internet's policy ...". As far as I know, there
>IS no such entity as "Internet" to have a policy. Could you be a bit
>more specific where you located this policy information? Any sort of
>reference will do: ftp, email, http, whatever. I'd like to review
>the policy you are talking about before making any further comments.
>
> ... Hank
>
I agree that people shouldn't throw the "policy" terminology around,
especially because the attarction of the NET is that there are really no
hard and fast rules....things happen or do not happen as a result of
"gentlemens' agreements"

Use of the NET for commercial purposes is tempting, but my opinion is
that the best thing to do is for "advertisers" to voluntarily restriuct
their postings to areas set up for it. Otherwise, can you imagine what
some "enterprising" commercial entities would do to these USENET groups?

I use the word "enterprising" in quotes...these people are the same ones
who believe that they are "clever" when they park in a handicapped
parking space and get away with it, and that the rest of us "saps" were
not thinking or not willing to take a risk. We could legislate against
boorish behavior on the NET, but lets hope it never goes that far.

And in case you are wondering, Hank, I'm not some fresh-faced college
kid cooped up in my dorm room pecking away at my computer
at 2:30am philosophizing about how the world SHOULD be (not that there
is anything wrong with that). I'm a professional marketer with a real
soft spot for advertisng and business.

DB

1303. Re: Can HAM radios interferre with TV/Cordless Phones?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 23:22:37 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3gmgnt$3sb@news.CCIT.Arizona.EDU>
Source record: 252799

In article <D38Hy7.MG3@ssbunews.ih.att.com> bair@sparki44.ih.att.com (na8130100-Bair) writes:
>

I guess not - I don't hear a thing.

1304. Repeater Directory online/CD-ROM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 23:23:32 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD3AMB9.Gv5@netcom.com>
Source record: 252797

Is there a possibility that the ARRL _Repeater Directory_ can be found somewhere on the 'Net, or on CD-ROM? Is the 1994-1995 edition the most current, or is there a 1995-1996 version in the works?

The reason that I ask, is the abundance of repeaters on all bands in SoCal. It would be nice to be able to sort by band and frequency for reference.

Jim

--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1305. 440 Repeaters in SoCal

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 23:31:05 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD3AMnt.Hs7@netcom.com>
Source record: 252798

I've been "off the planet" so to speak, for the last few years, and am interested in upgrading my station.

There seems to be quite a bit of FM activity on the 70 cm band here in SoCal, but I notice that many, if not most, of the repeaters are listed as "closed" in the _Repeater Directory_ from ARRL.

I certainly don't want to minimize the costs involved with running a repeater, or to challenge, in any way, the right of individuals or clubs to do so. I'm just curious, since the trend is opposite that on 2m.

Just trying to justify the cost of a new rig.

Jim
--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1306. IPS Daily Report - 31 January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-01-31 23:33:59 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Jan31.233359.15182@ips.oz.au>
Source record: 252803
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 31/2330Z JANUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 31 JANUARY AND FORECAST FOR 01 FEBRUARY - 03 FEBRUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 87/30

GOES satellite data for 30 Jan
Daily Proton Fluence >1 MeV: 2.5E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.7E+08 (moderate)
X-ray background: B1.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
01 Feb 02 Feb 03 Feb
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 01 Feb: 88/32

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 30 Jan
Learmonth 19 4333 4343
Fredericksburg 21 29
Planetary 25 30

Observed Kp for 30 Jan: 4644 4443
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
01 Feb 16 Unsettled to active
02 Feb 14 Unsettled
03 Feb 10 Unsettled
COMMENT: Activity levels are starting to decline and are expected to
be back to quiet to unsettled levels by 4 Feb.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
31 Jan normal normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
01 Feb normal fair poor
02 Feb normal normal fair
03 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
31 Jan 15 15-30% below predicted monthly values prior to 06UT
then near-15% below predicted. Spread F was present during local
night.

Predicted Monthly T-index for January: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
01 Feb 20 Near predicted monthly values
02 Feb 20 Near predicted monthly values
03 Feb 25 Near predicted monthly values

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1307. Re: Who makes small TNC's?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 00:15:45 UTC
From: terry02@ibm.net
Message-ID: <3gmjrh$725@news-s01.ca.us.ibm.net>
Source record: 252800

In <3gjhdg$o4r@hptemp1.cc.umr.edu>, craven@umr.edu (Paul Vincent Craven) writes:
>I need info to get in contact with people who make small
>bare-bones TNC's. We might use this as a replacement for our
>current radios we are using in UMR's solar car.

Paccom makes a really small (approx 1x3x5) full function TNC. It even has a PBBS and does a real good job of supporting an attached GPS receiver. I have owned one for several years and am very happy with it.

1308. Re: 1995 Field Day date ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 00:20:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.22875.7585.0NFB90A7@woodybbs.com>
Source record: 252801

ME>When's Field Day this year (1995)? .

ME> June-sometime, what days?

TH>It's usually the last full weekend in June... thus, it (should) be
> June 24-25, 1995.

BO>It's always the fourth full weekend in June. Usually that's the last
>full weekend, but not always.

Correct! Thanks for the back-up. Should'a figgered it was the 4th full
weekend... thanks!

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1309. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 00:38:45 UTC
From: andy@jax.jaxnet.com
Message-ID: <3gml6l$lmm@jaxnet.jaxnet.com>
Source record: 252802

In reference to NiCd memory effect:

I don't know much about electronic trouble-shooting, but I know there's a good product on the market: battery conditioners.

They function as a conventional battery charger, but they also have a circuit that completely drains the battery before it begins the charge cycle. A lot of laptop computer users employ them to keep their battery packs fresh. They cost around $100, but they might be worth the price if you use your radio a lot.

Andy
KD4UKW

1310. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:19:31 UTC
From: jbromley@sedona.intel.com
Message-ID: <3gmnj3$c3r@chnews.intel.com>
Source record: 252804

In article <D2n9Ft.72I@hpqmoea.sqf.hp.com>,
David Stockton <dstock@hpqmdla.sqf.hp.com> wrote:

> Just for fun, to balance things up a little, and not for public
>release, of course; does anyone know of any notorious radio amateurs ?
>Axe murderers, bank robbers, cannibals, politicians... etc.

Don't know any calls, but two of the people who died with
David Koresh in the Branch Davidian compound at Waco were
hams.

Also, no name or call, but the guy who shot up the post office
where he worked in Oklahoma several years back was an extra
class ham. Seem to recall that the police found his house
full of old ham gear.

Jim Bromley, W5GYJ <jbromley@sedona.intel.com>

1311. "Subcarrier" Radio Anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:20:48 UTC
From: BKOPPELMANN@delphi.com
Message-ID: <3gmnlg$lid@news1.delphi.com>
Source record: 252760
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

Quoting jlamar from a message in rec.radio.shortwave
Hi ernie,
> : >I would appreciate any lead on what is known (at least in some
> : >circles) as "subcarrier radio." My limited understanding is this is
> : >a FM type broadcast which requires a modified FM receiver to
> : >receive. In other words, the standard AM/FM radio set would not
>be able : >to process the "subcarrier" signal. Hence the
>broadcasters typically : >sells these receivers to their listening
>audiences. This is
> : >Any lead (i.e, FCC regulation, equipment provider, etc.) would be
>much : >appreciated. Thanks.
there's also another option for you. Scs radio technoloties at
800 944-0630.
N0JIO

1312. Callsign "CTP"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:20:59 UTC
From: BKOPPELMANN@delphi.com
Message-ID: <3gmnlr$lid@news1.delphi.com>
Source record: 252761

Hi, I'm a blind guy and happen to own a Kenwood dualband 741 I
believe it's called. I wonder if you might know of anyone who might
have taken the time to scan the manual in to an ascii file, or might
be willing to record the instructions on to tape for me.
Thanks,
Bill N0JIO

1313. new in these parts

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:21:09 UTC
From: BKOPPELMANN@delphi.com
Message-ID: <3gmnm5$lid@news1.delphi.com>
Source record: 252762

Hi gang,
I'm new around these parts. I'm a Delphi user and enjoy the recovery areas over there, but as a blind guy, I tend to feel out of touch with many of the folks I've talked to in some of these areas. I'm a recovering sex addict and have been in the program now for 8 years. I'd like to know if anyone sees this and would mind conversing with me about problems in recovery.
Bill K.

1314. Need source for 39mHz crystal for 49.6 Mhz receiver design

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:33:00 UTC
From: v064mb9k@ubvms.cc.buffalo.edu
Message-ID: <D3As7w.KAq@acsu.buffalo.edu>
Source record: 252805

I am currently designing a narrowband receiver based on
a motorolla chip to tune in frequencies of 49.6 mHz. The recommended
circuit diagram calls for a 39mHz crystal, a component that I have not been
able to find after checking many electronic component distributors. Can anyone
direct me to a source. I would appreciate any help.

Neil Gandler

1315. question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:48:35 UTC
From: jangus@skyld.grendel.com
Message-ID: <791603315snx@skyld.grendel.com>
Source record: 252806

In article <D355oF.HFp@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

[Jeff's penchant for stepping on his dick deleted.]

As usual you just have to jump in and make an ass of yourself. I have already posted an appology here on the net and to the originator via e-mail about mis-reading his intent on using K1MAN as a beacon.

Perhaps while you're at it, you'd like to repeat your claim that I am (or was) bootlegging your callsign here in Southern California.

Maybe instead I just repeat someone else's remarks about you serving time on a sodomy beef.

And as usual for you, a completely off topic remark about my signature.

Pull your head out of you ass. There are those in government that know exactly why there is a second amendment to the constitution. And it is not worded "Right to recreational hunting or target practice". No is it worded "Right to keep and bear arms, with the exception of [insert list]".

Janet Reno recently said in a statement to the press, "The time has come to remove these weapons of destruction". This is the same person that authorized the incineration of 80+ citizens of the United States based on speculation.

Note: The FBI traditionally has taken what ever time is required to end a hostage situation rather. "Time is cheap. Dead is forever."

This posting should rate at least an 8 on the NH6IL whine-o-meter. I managed to mention, dick, ass (twice) and sodomy in the above posting.

73 es GM from Jeff

--
"1935 will go down in history. For the first time, a civilized nation has full gun registration. Our streets will be safer, our police more efficient, and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1316. question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 01:51:16 UTC
From: jangus@skyld.grendel.com
Message-ID: <791603476snx@skyld.grendel.com>
Source record: 252807

In article <3ghob6$uki@polo.iquest.com> scotty@iquest.com writes:

> In article <3g1vkf$9pm@newsbf02.news.aol.com>, horrock@aol.com (Horrock) says:
> >
> >I hate to ask this...but...I missed what freq K1MAN uses.
> >Would someone please E-mail me the freq?
> >
> >I plan to use him as a 75 meter beacon!

And this is the original posting that I mis-read. Again, my appologies
to Horrock about that. However, please note what scotty wrote as a followup.

> Might make a good tune up frequency as well. Maybe as handy as the
> international broadcasters on 40 phone

OK, let me ask you this. Does this sound like a suggesting to tune up on
3975 KHz? And although not implicitly stated, on top of K1MAN.

73 es GM from Jeff
(I knew if I waited long enough, someone would suggest just that.)

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1317. Re: Manchester NH ARRL Convention, date of?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 02:53:38 UTC
From: bob@raddev.com
Message-ID: <3gmt3i$nkb@remus.ultranet.com>
Source record: 252808

In article <3gh88l$gdd@ixnews1.ix.netcom.com>, ArthurA@ix.netcom.com says...
>
> Could anyone please give me the dates and any other available
>details about the ARRL convention in Manchester NH this Summer. I'm
>especially interested in obtaining the >dates< at this time so that I
>can request vacation time from my employer now and thus avoid scheduling
>conflicts with other employees.
> Thank you, Arthur, N1NHZ, Boston Amateur Radio Club

Art,

The ARRL NH Convention is July 28,29,30. Please stop by the Radio Devices booth and say hello and see all the HAM RADIO CDROMS.

Bob

--
==========
Radio Devices email for complete cdrom or Ham catalog
32 Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
Marlboro, MA 01752 Linux,OS/2,MAC,Windows,Unix,CICA,SIMTEL
(508)480-0502 KD1GG Ramsey Kits,Antennas West,Power Station
==========
Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
==========

1318. Hi Danny

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 03:43:42 UTC
From: roy@net-works.com
Message-ID: <01311995.194342@net-works.com>
Source record: 252751

Re: Test Post...

<<<<<<<<<<<*>>>>>>>>>>>: You Proudly Proclaimed :<<<<<<<<<<<*>>>>>>>>>>>
> I am checking out the network feed. Please reply if You receive this message.
> Thanks in advance.. 73 frm Danny/N5OMG
<<<<<<<<<<<*>>>>>>>>>>>:And I R.O.T.F.L.M.A.O With:<<<<<<<<<<<*>>>>>>>>>>>
Hello Danny! I think I have heard you around on 2 meters some. I seen your
message here and decided to say Hi! The sysop here says you are a real nice
guy! I work here in New Orleans on a 7 & 7 schedule.. Maybe I will hear you
around town someday and say Hi via radio!

73 de KE4CUS, Royce

1319. Re: FREE HAM NEWSLETTER

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 04:11:24 UTC
From: dmlee@cris.com
Message-ID: <3gn1lc$9j0@deathstar.cris.com>
Source record: 252810
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In <D38wHw.AC7@world.std.com>, johnl@world.std.com (John W Langner) writes:
>In article <3g9gr8$8hh@news.doit.wisc.edu>,
>Dave Mullenix <djmullen@facstaff.wisc.edu> wrote:
>In my humble opinion, I think the AmSoft posting was appropriate.
>It told me a new version of the product was available and where
>to get more information. It was brief, didn't mention prices, and
>was posted ONLY to appropriate (ham radio) groups. This is useful
>information.
>
>If some one is truly abusive of the communication channel we should
>scold him and even ask the site administrator to revoke access. However
>this was not terrible abuse.
>
>
>73,
>John WB2OSZ
****

Congratulations....This is the first LOGICAL and UNEMOTIONAL
response, I've seen to this issue. Actually, if more people
would have taken your attitude, and not started exploding
flame mail (do I get flamed for saying this?) it would have been
over quickly. As it is, AMSOFT has gotten TONS of free
advertising, and more word-of-mouth exposure than they ever
expected.

I kind of liked the touch on the part of one AMSOFT rep
who just recently put the WHOLE AD on each of his replies
as his signature file -- nice touch!

As a HAM who let his ticket expire 20 years ago (when I
got married and then joined the USMC), and is just this next
Tuesday re-taking the exam, I have just one question...

Do you guys behave this way on the air? My experience
has always been that of the courteous HAM. Helping the
Novice and "gently" correcting anothers mistake or
indescretion used to be the rule.

I, for one, would try expressing my opinion directly to
the miscreant, rather than e-mails to admins (which
obviously did nothing). I think the folks at AMSOFT might
have responded more favorably to a reasonably-voiced
complaint than to naked aggression. Also, be aware that

AMSOFT needs the HAMS to purchase their goods, so
I don't believe they'ed intentionally want to annoy us to
point of not buying their product(s).

-73-

****
// David M. Lee dmlee@cris.com
// or David_M._Lee@compuware.com
//
// Bill Gates for Ferringi Grand Nagus in 1996!!
// Rule of acquisition #874 -- "Make 'em pay for the software --
// AND the bug fix"

1320. Re: AMSOFT-commercializing the net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 05:03:00 UTC
From: dmlee@cris.com
Message-ID: <3gn4m4$bvm@deathstar.cris.com>
Source record: 252811

In <3gffsi$4o@empire.texas.net>, bob@texas.net (Bob Scott) writes:
>Hi;
> I recieved this lovely little note from Pete deVolpi at amsoft. You read it and decide
>if this looks like a noncommercial entity publishing a noncommercial newsletter, or a
>business advertising on the 'net. Pete says it clearly--he thinks I'm attempting to
>restrain amsoft from doing trade!! Would he think or say something like that if he
>*WASN'T* doing trade???! You decide. I guess all further criticism of these guys best
>be done thru the offshore anon servers.... Imagine a thousand corporations just like
>this one, puking terabytes of commercial ads into the net. It'd be tough just to find
>the real traffic through the junk mail.
>
>Bob Scott WY7O | Roses are red, Violets are blue
>bob@texas.net | I'm schizophrenic, And so am I
****

Bob,
It seems to me you might be overreacting a bit. The fact is
advertising IS going to happen. It's you who is giving all these
companies free advertising with your remarks.

You seem to go on the offensive immediately. Perhaps you should
e-mail to the company involved, rather than instantly sending
tattle-tale mail to some admin type (who doesn't care anyway).

You posts so far appear to fluctuate between flame and whining.

If I were to post and heartily endorse a product -- that would
still be an ad of sorts, but according to you, that's OK. If I were
to post and announce to all and sundry that the new widget 400XL
is out and it's a beauty -- according to you that's still OK.
If I wrote software and responded to a request/post from another
person who publicly asked about my goods or services with a request
they e-mail me -- you seem to feel that's OK too.

How do I know? Because these three scenarios HAVE occurred on
this newsgroup, and you've NEVER objected.

Get consistant! All or none!

I AM NOT ATTACKING YOU! I am, however, pointing out that
except for yourself, and what appears to be a very few others,
nobody cares.

The ads I've seen have been brief, to the point and informative.
I feel that the purpose of these groups is interactive information,
freely exchanged, from EVERYBODY. 1st Ammendment applys here.

They can INFORM us of their product when is directly appropriate
to the group involved (HAMS -- HAM products and services).

A single company flooding the group with the same old song is
a breach of nettiquette -- not internet policy -- there ain't no
such thing. Accepted practice - granted! But there aren't
any written rules.

We must all learn to play nice. Please chill, Bob, before
you throw a stroke. Change is inevetable, in HAM radio, on
the net, in life.

I feel that a more reasonably-voiced complaint would cause
others to see your point more favorably. If the majority of
the population of this newsgroup find such posts to be informative,
then they are welcome, no matter what a more vocal minority
feels. Democracy 101.

I, for one, welcome INFORMATIVE advertising. I come onto the
net not only to exchange views , but to get information.

Thanks for listening/reading.

The views herein are my own any and all are free to agree
or disagree. I know I'm not going to change your mind, Bob,
just thought to throw in my opinion.

****

// David M. Lee dmlee@cris.com
// or David_M._Lee@compuware.com
//
// Bill Gates for Ferringi Grand Nagus in 1996!!
// Rule of acquisition #874 -- "Make 'em pay for the software --
// AND the bug fix"

1321. Re: FREE HAM NEWSLETTER

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 05:19:54 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3B2t6.87z@news.hawaii.edu>
Source record: 252812
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna

johnl@world.std.com (John W Langner) writes:
>
>

Why does world.std.com sound so familiar? Wasn't someone at that
site also posting ads on the rec.radio groups? This might explain
your `humble opinion':

>In my humble opinion, I think the AmSoft posting was appropriate.
>It told me a new version of the product was available and where
>to get more information. It was brief, didn't mention prices, and
>was posted ONLY to appropriate (ham radio) groups. This is useful
>information.

It was posted to *all* the radio groups many times. If only one post
to .swap had been made no one probably would have minded.

>A few facts:
>
>1. Years ago the Internet backbone was government funded and was only
> supposed to be used for non-commercial purposes. That changed about
> 3 or 4 years ago. It is now commercial with no restrictions on
> commercial use. I was the Internet contact for our site at the time
> so I got all the official info and saw the significant jump in the
> monthly bill.

A very large portion of is is still government funded: State taxpayers
foot the bill for the .edu sites (millions of dollars per year here
to run 5 unix mainframes for 45,000 students/faculty and to pay the
long DX telephone bills to all points in the Pacific). Keep in mind
that a good portion of the traffic that has originated at non-.edu
sites gets passed through those sites. If the state government-funded
.edu sites each pulled their plug Internet would probably cease to exist.
Thus, your `fact' isn't quite factual.

73 from warm and sunny Hawaii,
Jeff NH6IL

1322. Kenwood TH-79 mods question.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 05:46:36 UTC
From: fantom@kaiwan009.kaiwan.com
Message-ID: <3gn77s$6l2@kaiwan009.kaiwan.com>
Source record: 252813

I have been told that the TH-79 is capable of recieving 800 to 950 or 990 mhz. The Mod is supposedly to add some minor components to a circuit board in the Radio. I have not been able to find a spec or mod sheet on this mod. Ive heard its supposed to be real easy though. Apparently the components required for recieving the 800 mhz area were just not installed, per that law that says radios in the US market can not be made to be "easily" modifiable for 800 mhz reception. *laugh* Oh well, any help would be grteatly appreciated. Thanx

Budda Bing Budda Boom >>>Thats All<<<

1323. Need source of 39mhz crystal for narrowband receiver design

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 05:54:00 UTC
From: v064mb9k@ubvms.cc.buffalo.edu
Message-ID: <D3B4AE.47J@acsu.buffalo.edu>
Source record: 252814

I am currently designing a narrowband receiver based on
a motorolla chip to tune in frequencies of 49.6 mHz. The recommended
circuit diagram calls for a 39mHz crystal, a component that I have not been
able to find after checking many electronic component distributors. Can anyone
direct me to a source. I would appreciate any help.

Neil Gandler

1324. Re: Baltimore MD

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 07:20:08 UTC
From: pacholczyk gregory <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950201021916.16117C-100000@umbc8.umbc.edu>
Source record: 252815

On 26 Jan 1995 RAFI@BGUVMS.BGU.AC.IL wrote:

> I will be visiting Baltimore 2-3 February. Can someone suggest open
> 2 m repeater frequencies please?
>
> Shalom and 73
> Earl
> 4Z4TJ
>
>
147.135/147.735 the CARA box
-G N3OYR

1325. Re: From Portland -- Re: quake stories wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 07:23:50 UTC
From: bill@thd.tv.tek.com
Message-ID: <3gncu6$11m@news.tv.tek.com>
Source record: 252817
Cross-posted to: seattle.general,lobby,pnw.general,rec.radio.amateur.misc

In article <3gm3as$bfe@chip.klic.rain.com>,
Keith Lofstrom <keithl@chip.klic.rain.com> wrote:
>With the broadcast media being so useless, is there any place on
>the shortwave band where ham radio emergency types broadcast what's
>going on?

Following the quake in Klamath Falls, an amateur radio operator was shown on the news listening to a Northwest emergency net on 3993 kHz. I'm not certain of the frequency--perhaps a local amateur will confirm it.

Another good source of info is the radio and TV remote band from 450 to 451 MHz. After last year's quake here, these frequencies were brimming with activity in short order, while the Police frequencies had very little info. If you listen to remotes, don't tell anybody (the ECPA of 1986 made it illegal).

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

1326. *WANTED* 2M Doppler system

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 07:29:10 UTC
From: pacholczyk gregory <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950201022705.16117D-100000@umbc8.umbc.edu>
Source record: 252816

I'de like some info on 2 M doppler equipment
would like to buy used equip..
-G N3OYR

1327. Re: Need Examples of "Ham-Friendly" Tower Zoning Reg.'s

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 08:11:20 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Feb1.081120.7549@grian.cps.altadena.ca.us>
Source record: 252818

mebly@Glue.umd.edu (Mark E. Bailey) writes:

>In an apparent effort to control cellular telephone communication towers, the
>county I live in is amending its zoning regulations to address towers. Their
>first cut at the regulations is not very good. This appears to be due to
>ignorance, not an effort to regulate ham radio antennas out of existence.

>Unfortunately, it appears they are going to regulate towers. Can anyone
>provide examples of "ham-friendly" tower zoning regulations? I've been
>talking to the cellular phone people and the county people and I think
>that we can influence the final regulations.

>Please send any relevant information you can to me via e-mail. Thanks in
>advance and 73.

The city of Rancho Palos Verdes in the Los Angeles basin recently went
and instituted a tower ordinance - but if I remember correctly the mayor
and a couple of council members are hams so it was rather ham-friendly.
You might want to give them a call (try area code 310- information) and
get a copy of the regulation.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

1328. Re: New Zealand operation

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 08:20:29 UTC
From: mcneills@landcare.cri.nz
Message-ID: <mcneills.9.0012D5D0@landcare.cri.nz>
Source record: 252779

In article <3g8bbl$6m@solaris.cc.vt.edu> jim dixon <dixon@vt.edu> writes:
> I was in New Zealand two years ago. I took my HT and
>found it was worthwhile. I was riding my bike so every pound
>counted and it was worth the weight. Before I arrived I
>contacted their equivolent of the FCC and arranged to get
>a recipocal licensing permit. I just used my call/ZL1 and that
>was that. If you have a little time before contact the ARRL re
>how to do it. The Kiwis will tell you to pick up the permit
>when you get i the country. Their office I went to in
>Aukland was on a main stree so it would be easy to find.

The above arrangement works if you are staying in New Zealand for up to a month. You can then use 2 metres and 70 cm with your own call. The /ZL1 is not necessary as far as I am aware.

For any further help, just let me know.

Stephen ZL4HG

Stephen McNeill ZL4HG
NZART ZL2 Councillor

1329. Re: Who makes small TNC's?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 08:49:34 UTC
From: kthompso@WichitaKS.NCR.COM
Message-ID: <kthompso.555.0008D3C0@WichitaKS.NCR.COM>
Source record: 252730

In article <3gmjrh$725@news-s01.ca.us.ibm.net> terry02@ibm.net writes:
>From: terry02@ibm.net
>Subject: Re: Who makes small TNC's?
>Date: 1 Feb 1995 00:15:45 GMT

>In <3gjhdg$o4r@hptemp1.cc.umr.edu>, craven@umr.edu (Paul Vincent Craven) writes:
>>I need info to get in contact with people who make small
>>bare-bones TNC's. We might use this as a replacement for our
>>current radios we are using in UMR's solar car.

>Paccom makes a really small (approx 1x3x5) full function TNC. It even has a PBBS
>and does a real good job of supporting an attached GPS receiver. I have owned
>one
>for several years and am very happy with it.

I built one for our balloon packages that is 0.5"x 1.5"x3.0" with a 68hc11 and
a TMC3105.

1330. Re: FT-530vsTH78a Opinions Sought

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 09:25:23 UTC
From: Troyce@bio.tamu.edu
Message-ID: <Troyce-010295152523@idmb-secretary.tamu.edu>
Source record: 252820

In article <3g3f43$hut@canyon.sr.hp.com>, bsplaine@sr.hp.com (Bill Splaine) wrote:

> Hi netters, I currently own a Kenwood TH78a which is a great HT. The only,
> ONLY thing I detest about it is the color scheme of the lettering on the
> push buttons and the detail lettering for the functions. I can't read them
> in dim light.. or even decent light without strain... I recently saw a ham
> with the Yaesu FT-530... It had back lit buttons.... this looked great but
> I have no idea as to how it might compare with the Kenwood. My TH-78a is
> an older version ~3yrs old... and I don't know if they fixed this coloring
> problem or not..might be just me :-)..
>
> Anyhow, to make a long story short... How do you like the 530?????
> Has there been a comparison of the two?

When I got ready to buy my first HT two years ago, I did a lot of research, and narrowed my choice down to the TH78 and the FT530. They are pretty similar in features, so when I actually went to the store to buy one, side-by-side comparison helped make the choice for me. I decided on the FT530 for several reasons. I liked the well-lit keyboard, much better than the Kenwood. I also liked the slightly larger keys on the keypad. Even though it made the FT530 slightly large than the Kenwood, it was much easier to hit the correct keys. I also didn't like the sliding cover over the Kenwood keys, it make them harder to push also. Also, I was able to get the cheap Radio Shack external speaker mike for the Yaesu, they don't fit the connections on the Kenwood.

It really boils down to physical esthetics and how well you like the layout, I think the features are close enough that they are not a prime consideration.

Troyce
KC5CBI

--

**** Read THE ELEMENT OF FIRE by Martha Wells, a Tor hardback now ****
**** out in paperback. Coming in June, 1994: ****
**** CITY OF BONES, the new hardback by Martha Wells, an all ****
**** new adventure in an all new world! ****

1331. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 09:46:31 UTC
From: as041@FreeNet.Carleton.CA
Message-ID: <D3BF5K.67z@freenet.carleton.ca>
Source record: 252728

In a previous posting, Dave Horsfall (dave@eram.esi.com.au) writes:
>
> By all means - I just got a bit peeved when my list appeared from out
> of nowhere, in response to someone saying _they_ were going to compile
> a list...

Dave: I plan to run the list in an upcoming issue of The Canadian Amateur, Canada*s national monthly amateur radio magazine.

However, it is substantially the same as the list in the 1995 CQ Amateur Radio Almanac (they have a few more than appear in your list and also debunk some of the names).

So, I will give you and CQ joint credit for my hybrid, master list.

73, Rob
--
Robin Ludlow, VE3YE, Editor, The Canadian Amateur. Voice phone: 613-837-4477
Packet radio: VE3YE@VE3KYT.#EON.ON.CAN.NOAM Fax/modem: 613-837-5723
Snail mail: 114-535 Canteval Terrace, Orleans, Ontario, CANADA K4A 2E4
Internet mail: as041@freenet.carleton.ca

1332. Re: rec.radio.amateur.binaries ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 10:59:50 UTC
From: theshark@uclink2.berkeley.edu
Message-ID: <theshark-0102950259500001@sharkbite.hip.berkeley.edu>
Source record: 252825

In article <D38q3v.M7A@vectorbd.com>, jpll@vectorbd.com (Jim Lill) wrote:

> Has anyone ever considered a group for ham software. The network gets
> clogged ith X-rated GIF's. Certainly it can stand something useful. I
> often see people looking for software on here.

Via WWW, you can reach my HamPage at:

http://ocf.berkeley.edu/~andyneal/hamlinx.html

--

Andy Brandt
e-mail: andyneal@ocf.berkeley.edu
W3 URL: http://ocf.berkeley.edu/~andyneal/home.html
"Nicht hinauslehnen on Infobahn!" (tm)

1333. Novice Round-Up

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 11:50:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5306.545@acenet.com>
Source record: 252768

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Bruno writes:

BB>Hope it is not to late to let you know that the L A S T Novice Round-up
BB>is in progres as I write this note.
BB>Would encourage any ham to give a hand to this event and in a small way
BB>give back to the hobby what the hobby give us.

BB>In a nut shell it is a test in patient and skill to make a QSO with a
BB>ham that is begining in ham radio contests.

BB>If every G/A/E will make just one QSO with N/T we will have one of the
BB>most memorable Novice Round-Up's ever.

BB>from the log of AA6AD

Excellent Bruno!!! I will do this. I hope EVERYONE else does it too!
AND let's ALL send in our logs to ARRL so they can't complain that no
one participated like they claim! 73 de AF4K/3
brian.carling@acenet.com

• SLMR 2.1a • What do you mean? You actually READ these taglines?!?

1334. 73s !

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 11:50:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5307.545@acenet.com>
Source record: 252769

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

TAW>>TAW>Paul is, of course, correct, but as a side note, many people say "73's
TAW>>TAW>which is incorrect. The translation of "73's" would be "best regards'
TAW>>TAW>which sounds dumber than "What's your handle?".

TAW>>Do you have ANY idea how MANY times this has been said on here lately???
TAW>>It is also repeated almost daily on FIDO, RIME, AOL etc.

TAW>So? Why can't I say it again?

OK, go ahead. It's NOT a big deal.

TAW>What's the big deal?

I think I explained, but I never said it was a big deal.
If you are going to send out messages criticizing other amateurs'
operating style, don't be surprised if people react to you Travis!
Why make it any more than what it is: a storm in a teacup!

TAW>>Exactly Travis. Almost nobody cares!

TAW>So then no one will mind that I posted it again, right?

Sure, OM, go right ahead!

73s - AF4K / :-)
brian.carling@acenet.com

• SLMR 2.1a • What do you mean? You actually READ these taglines?!?

1335. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:13:06 UTC
From: ddabay@ruacad.ac.runet.edu
Message-ID: <D3Bopu.Dvt@ruacad.ac.runet.edu>
Source record: 252638
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3gkhhq$2nc@crcnis3.unl.edu> gbrown@unlinfo.unl.edu (gregory brown) writes:
>Hank Oredson (hanko@wv.mentorg.com) wrote:
>
>: I'm very curious where you discovered the information that indicates
>: it "... contrary to Internet's policy ...". As far as I know, there
>: IS no such entity as "Internet" to have a policy. Could you be a bit
>: more specific where you located this policy information? Any sort of
>: reference will do: ftp, email, http, whatever. I'd like to review
>: the policy you are talking about before making any further comments.

This is the more current thinking, probably closest to fact.

>
>
>Any of a number of books at your local library or bookstore can fill
>you in on the history and evolution of what we now call the
>"Internet". It's original purpose was to connect Universities and
>other educational institutions for educational purposes.

I must disagree herre, don't always believe what you read!! Just because it
is in print does NOT mean that it is in the least bit accurate. In the early
70's the "Internet" as you call it was born out of DARPA, Usenet, and several
other "local" networks. It's original purpose, no matter what is claimed
after the fact, was NOT to connect Universities. It's main purpose was to
allow exchange of information between large gov't agencies and their sub-
contractors, typically universities and such. Don't confuse the facts.

>Major
>advances in this regard were made by the National Science Foundation.
>Commercial participation was once excluded or severely restricted.

I agree with the first inthat the NSF funded research and development along
with others. However commercial participation has always been an important
part of the net...just ask BBN, DEC, etc about this. Ithink the difference
here is that it was better self-controlled... (opinion mine)

>The intended purpose of the "creators" was educational advancement
>(much of it at taxpayers expense), not providing commercial
>enterprises with new ways to make money.

BZZZZTTT! Wrong again read above...it was a gov't funded program...

>Commercial connections are
>now common, the limitations on use much more flexible. There are no
>laws that I know of which prohibit advertising on the net, however the

>vast majority of commercial enterprises connected to the net honor the
>traditional "ban" on overt advertising and limit their use to their
>own research and development purposes and for business communications.

See the above on peer pressure, self control, etc..

>They understand and respect the original purpose and intent of what
>has become the "Internet", and respect the wishes of the majority of
>users, as well as the wishes of those who have made "Internet"
>possible.

Again youmiss the point, read some of teh comp.sys groups and see how well
the big vendors "respect the wishes of the majority". Those companies use
the net as their own....whether you agree or not, that is the fact...

Internet is/was made possible by large donations of money, time and hardware
from big business and the government. Not by some collective of users or
universities. If we waited for academia to decide how to do things we would
still be waiting for an 8bit computer... Keep this inmind as things move
on and we "bite the hand that feeds us" turning the net over to the MCI's,
sprint's etc of the world.

>
>Virtually every major business from IBM to Intel to General Motors has
>Internet access. When was the last time you saw a commercial here
>from one of them?

Read the correct groups and you will see in some way shape or form either
blatant or subtle adverts from them all. They are not going to miss out
on a chance to target their market. How better to beat demographics?? If it
isn't happening in "your" group, IT WILL!

>
>Again, there are dozens of books that discuss Internet history and
>purpose. I've not done it, but I imagine you could also come up with
>lots of similar info if you do a Gopher search on some key relevant
>topics.

Check out your sources!!

>
>Feel free to let me know what you discover in your research.

Me too!!

dave
--
Dave Dabay Telecommunications Engineer Supervisor KD3PC
Radford University Computer Services Internet: ddabay@esprit.runet.edu

1336. [To: inf0-hams: HELP]

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:13:31 UTC
From: cfishman@fsac3.pica.army.mil
Message-ID: <9502010813.aa23814@FSAC3.PICA.ARMY.MIL>
Source record: 252822

----- Forwarded message # 1:

Date: Wed, 1 Feb 95 8:12:36 EST
From: Clark Fishman (FSAC-FCD) <cfishman@PICA>
To: inf0-hams@ucsd.edu
cc: cfishman@PICA.ARMY.MIL
Subject: HELP
Message-ID: <9502010812.aa22308@FSAC3.PICA.ARMY.MIL>

I need info on opening the transmitter section on a Yaesu FT747
for full frequency coverage from 1.8 to 30 Mhz

TNX, Clark Fishman WA2UNN cfishman@pica.army.mil

----- End of forwarded messages

1337. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:17:47 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D3Boxo.A2w@hpqmoea.sqf.hp.com>
Source record: 252633

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <D328AE.FHB@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:

: > Radio manufacturers provide a negative supply wire in the belief that
: >wiring it back to the battery terminal itself will reduce audio freq
: >noise on the power feed to the radio. Think of the pulsating current
: >(rectified 3-phase AC) from an alternator, if there is much resistance
: >in the battery - cable, there will be a voltage created across it. This
: >is what they are trying to avoid. Unfortunately, they neglect the
: >additional ground via antenna cable and bodywork which spoils this
: >attempt anyway. Fuses have quite large resistances, so the necessary
: >fire protection spoils the attempt still further.

: This is wrong. The purpose of the negative wire is to eliminate
: the ground loop through the chassis. This *common path* carries
: both the radio V- and the V- of all the other vehicle systems,
: some of which generate substantial current pulses. The current
: draws of the other vehicle systems will modulate the V- voltage
: seen at the radio via the common resistance. Now the idea of the
: negative lead is to *short circuit* this common resistance for
: radio return currents.

This disagreement hinges on the relative resistances of a run of copper wire from radio to battery (inc fuse) and the path via bodyshell and main battery ground connection. We seem to agree that the worry is common-path coupling of noise from other car systems, and to agree that a few feet of wire isn't a very satisfactory RF ground connection at 145 and 440 MHz.

: Since galvanized (and today, painted before assembly) steel body
: panels and structural members offer a considerably higher resistance
: than copper wire, the alternate current path through the antenna
: ground connection is essentially short circuited by the copper negative
: lead direct to the battery. A fuse may have up to 0.1 ohm resistance
: for a typical 20 amp cartridge fuse, but the body panel connection will
: almost always be greater than 1 ohm. This 10x lesser resistance via the
: negative lead will eliminate most of the common path current modulation.

I only disagree with Gary on rare occasions, but surely that "almost always be greater than 1 ohm" must be at least one order of magnitude off target ? If the best via-frame connection to the battery (-) you can get is 1 Ohm, then the greatest power that could ever be received by ANYTHING using a bodyshell return is 6 amps at 6 volts on a car with a 12v battery =36 Watts (with alternator running, say 6.9v and 6.9A = 47.6 Watts)

Bolted-on panels (and glued on ones too nowadays) are often very poorly bonded (electrically), but the welded steel monococque has very low point-to-point resistance. The art is in making sure you don't try to connect to add-on panels instead of the main structure. Remember that many cars have the starter return path passing through the bodyshell. Have 1 ohm and you won't start an engine.

I've actually measured voltage drops at known currents. 0.1 Ohm is a good estimate for the fuse. A frame return on a galvanised car can easily be less than 0.1 Ohm if the connections are made carefully. Many cars now use pre-galvanised steel sheet. Factory spot welding blasts the zinc in order to make a strong steel-steel fused weld. Large numbers of spot welds are in parallel (electrically and mechanically)

The weakness in getting your radio (-) connection via the frame is that noise currents from some car systems are very large, and that the battery-to-bodyshell cable is a weak link. The cable is meaty enough to keep the coupled voltage decently small, but dirty connections can create problems.

Rough numbers:

My radio is in a centre console, behind the seats of my Land Rover. Resistance of (+) wire and its associated fuse came to 0.22 Ohms. If I ran a similar wire for a (-) feed, it would have similar resistance This includes a 4mm connector to allow quick release. Resistance from the nearby bolt I used to the (-) post of battery was 0.018 Ohms. This is not really typical as my (+) cable is about 3 times the length of what you'd need in a small car, with a dash-mounted radio (although the fuse component won't reduce pro-rata). Also, mine has a monster sized diesel engine and the battery cables and posts are oversize because of the starting currents. I made proper 4-wire ohms measurements with a Kelvin bridge.

To get a wired (-) connection to compete with a good bodyshell connection, you'll need to use heavy electric welding cable

I accept Gary's point that your antenna may be mounted onto an add-on panel that could have high resistance to the main structure of the car. What I am recommending is hard grounding with big, short braid, the radio to the main vehicle structure and not running a wire all the way to the battery (-)

Cheers
David GM4ZNX

1338. QSL route for T32LN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:26:21 UTC
From: kuzen001@acpub.duke.edu
Message-ID: <3go25t$26j@news.duke.edu>
Source record: 252634

A friend has been looking for a while for a route or info
for T32LN. Help would be appreciated. Reply directly if
possible to kuzen001@acpub.duke.edu.

Thanks, & 73!
Ken, AC4RD, in Raleigh, NC


```
_____________________________________________
| Ken Kuzenski kuzen001@acpub.duke.edu |
| or on Fidonet at 1:3641/1.1 AC4RD |
_____________________________________________|
| My employers don't care that I HAVE opinions, |
| much less endorse them. My words are my own. |
|_____________________________________________|
```

1339. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:28:55 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3go2an$joh@acme.freenet.columbus.oh.us>
Source record: 252635

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <3gipq5$6s5@acme.freenet.columbus.oh.us> jtesta@freenet.columbus.oh.us
(Joseph Testa) writes:
: >
: >Except I NEVER connect up the radio until after I start the vehicle and
: >if it stalls I disconnect the power first before restarting.

: That seems excessively paranoid, not to mention tough on connectors.

Don't have any choice, drive a soft-top jeep wrangler, so when I leave the
vehicle the radio HAS to go with me anyway. It is too easy to pull out a
side window and climb on in and walk away with everything. So the mobile
rig goes with me when i leave the vehicle.
73

: Gary

: --
: Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
: Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
: 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
: Lawrenceville, GA 30244 | |
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

1340. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:41:17 UTC
From: mosier@fagan.uncg.edu
Message-ID: <mosier.363.0@fagan.uncg.edu>
Source record: 252640

In article <3gkh57$4e0@eram.esi.com.au> dave@eram.esi.com.au
(Dave Horsfall) writes:

>By all means - I just got a bit peeved when my list appeared from out
>of nowhere, in response to someone saying _they_ were going to compile
>a list...

Well, Dave, as the person (or at least *A* person) who sent the list
out in response to this subject question, I'll apologize for bruising
your ego. But that list has been sitting around in one of my
directories for so long that I had no idea where it came from. That's
the nature of "lists" that appear on a newsgroup, but don't get updated
very frequently --- folks don't remember where they came from. Geez...
if I had to go back and identify the author of every funny story or list
that has appeared here, I'd be in real trouble. But I do share them freely
with others. I doubt very much if the sig file stays with many documents
for long.

steve - W3GRG

1341. Need info. on Mobile HF Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 13:51:00 UTC
From: tidedu@ariel.lerc.nasa.gov
Message-ID: <1FEB199509514081@ariel.lerc.nasa.gov>
Source record: 252823

Hello All;
I require information on installing a HF Amateur Radio
antenna on the top of a large truck. I'd like to know
what options I have for doing this. The antenna can be
(And probably will be) stowed while the truck is moving,
and then erected when it is stopped. I wonder if there's
any way of automatically stowing and erecting the antenna
by pressing a button rather than having an operator climb
to the top to erect or stow it?

fyi - in case you're wondering why I would want the antenna
stowed while moving, and erected while stopped ... this
station will be part of a mobile educational exhibit.

Please provide me with manufacturers if possible. Thanks !
Tim

W. Tim Dedula Internet:
N.A.S.A. Lewis Research Center tdedula@nasamail.nasa.gov
Mail Stop 77-3 tidedu@mars.lerc.nasa.gov
21000 BrookPark Road aa252@cleveland.freenet.edu
Cleveland, Ohio 44135
Phone (216) 433-3668

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Technology ... for the Benefit of ALL Mankind !!!

1342. Need help with Micor (440) transmit section...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 14:04:58 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <3go4ea$5c2@crchh327.bnr.ca>
Source record: 252636

I have a pair of UHF Micors that we are going to put into service for a club UHF repeater. The problem is that L302-L307 and L402-L407 are not in either rig. I an wanting to run then in the T=R mode and wish to know how to tune the transmitter. The service manual seemed to indicate that the exciter filters (the L302-307, 402-407 inductor set) was the key.

I was able to see about 100 watts when I used the (T^=R) mode where the offset was 5 Mhz (Higher).

What am I missing ??

Are there any neat "tricks" to tuning the trnsmitter (exciter) section ??

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of my employer or co-workers, family, friends, congress, or president.

1343. K6MMZ (was Re: Infamous hams?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 14:44:49 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3go6p1$c2e@abyss.West.Sun.COM>
Source record: 252824

In article de0@gopher.cs.uofs.edu, bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:
>In article <jgardnerD2xHKw.Dq9@netcom.com>, jgardner@netcom.com (Jerry Gardner) writes:
>|>
>|> How about K6MMZ ?
>|>
>
>What about it??
>
> Callbook v1.3 Bug reports to bowen@cs.buffalo.edu Type 'help' for help
> >> call k6mmz
> No references found
> >>
>
>bill KB3YV
>
>--
>Bill Gunshannon | de-moc-ra-cy (di mok' ra see) n. Three wolves
>bill@cs.uofs.edu | and a sheep voting on what's for dinner.
>University of Scranton |
>Scranton, Pennsylvania | #include <std.disclaimer.h>

I remember K6MMZ. He used to hang out on the WR6ABM repeater in the
Berkeley hills, this was 146.82 out. This machine was jammed constantly
back in 1978-1980 or so.

I wasn't listening when it happened, but I've heard a tape, of K6MMZ
shooting someone to death while keeping a radio a keyed up. The next
day, I heard Al confirming this. Something about shooting a prowler..

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Antenna waves be burnin' up my radio" -- ZZ Top *

1344. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 15:54:32 UTC
From: gsmith@alpha.wright.edu
Message-ID: <3goaro$7jj@mercury.wright.edu>
Source record: 252826

Randy Seacat (ki7zd@coho.halcyon.com) wrote:

> I enjoy my call on CW. Thats the only reason I kept it when I upgraded.
> I really dislike saying. And hearing "ki7vd? go ahead!"
>
> KI7ZD

I love my call, eventhough it ishard to say, I have fun with the
phoenetics.
N8PPZ, Number 8 Private Parking Zone.
I'll probly keep it when I upgrade.
-73- de Greg,N8PPZ

1345. Stupid Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 15:56:22 UTC
From: gsmith@alpha.wright.edu
Message-ID: <3goav6$7jj@mercury.wright.edu>
Source record: 252827

Hi all:
Is there any plans to build a 60db 2m/440 duplexer? I was
wondering how hard it would be to build my own, rather than buying one
and paying a small fourtune for one.
-73- De Greg, N8PPZ

1346. Re: NOVICE ROUNDUP (last

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 16:32:11 UTC
From: derekt@col.hp.com
Message-ID: <3god2b$bh5@nonews.col.hp.com>
Source record: 252729

Brian Carling (brian.carling@acenet.com) wrote:
: Newsgroups: rec.radio.amateur.misc
: From: brian.carling@acenet.com

: SEK>Yeah, this would be a good thing. Give some Novices/Techs some QSO's this
: SEK>week. And all you Novices & Techs out there, if you don't operate much
: SEK>CW, this is a great time to dust off the key.

: SEK>73,
: SEK>Sean

: Sean - interestingly the 21.100 - 21.200 segment of 15 meters was
: completely devoid of signals during the great DX band openings
: of this past weekend. I tried byt found no novices on the air.

: AF4K
: brian.carling@acenet.com
: ---
: ~ SLMR 2.1a ~ All that is not eternal is eternally out of date. CSLewis

Odd. I had no problem finding them. There were some rough band
conditions with signals fading in and out in a matter of minutes. But
thats long enough to exchange the needed information in a contest.

1347. Re: alt group ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 17:30:08 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <3gogf0$eiu@mozo.cc.purdue.edu>
Source record: 252731

andyb@indy.net (Andy Birkhead) writes:

>Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:

>: Several months back I posted the question of how many hams were interested
>: in creating a new group to be tentatively called

>: rec.radio.amateur.tenten

>Have you thought about broadening your appeal by making it...
>rec.radio.amateur.orginizations
>and making it open to all amateur clubs? You might have more interested
>parties.

>Andy KB9CAT

Well, to be perfectly honest I was not interested in having
a LOT of "more interested parties", and figured that if other groups
wanted to take their queues from this idea and create -

alt.radio.amateur.ARRL

alt.radio.amateur.<insert org name here>

.....that would be fine by me. The potential chaos of trying to lump them
all together in a broader ranged newsgroup has the potential to create
some friction that we don't need. However, as you point out, it might
end up being the way to go just for the sake of expediency in getting
it started.

The primary and I believe stated goal of Ten-Ten International
is the "use and preservation" of the 10-meter band. For the time being
at the bottom of a sunspot cycle, mostly ten meters pretty well sucks.
Creating an additional forum for persons interested in ten meters and
thus possibly in the organization to set up skeds and so forth struck
me (and several of the original respondents) as a good idea......since
there are some officer-level persons within the 10-10 heirarchy who
do have some level of computer access, getting them connected to the
internet and thus, to the newsgroup would provide an extra connection
between some members, potential members, etc. to those officers, which
ALSO seems like a good idea.

While I have not as yet presented that possibility to said
officers yet (there being no specific newsgroup to present to them),
I would be surprised if they would frown upon it.

So, I guess it comes back again to trying to find someone to
create the alt group for me.....

Duane
WB9OMC

1348. VHF Rover mail reflector

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 17:36:15 UTC
From: little@iamu.chi.dec.com
Message-ID: <3gogqf$9ts@jac.zko.dec.com>
Source record: 252732

Hello All,

There has been an on-going discussion of the new ARRL (W3EP) rover
rules for ARRL VHF contests. Up until now, the discussion has been
taking place via mail with Roger Keating (KD6EFQ) maintaining a list of
participants and forwarding mail to that list. Jim Reisert (AD1C) has
graciously agreed to setting up an automated reflector at:

vhf-rover@sttng.eng.pko.dec.com

with subscription requests going to:

vhf-rover-request@sttng.eng.pko.dec.com

If you'd like to be added to the list, simply send a mail message to
vhf-rover-request@sttng.eng.pko.dec.com with a line starting with the
word subscribe.

To unsubscribe, just send a line to vhf-rover-request@sttng.eng.pko.dec.com
with the word unsubscribe. For help, send a line starting with help.

The list is archived and an index of the archive files (files named
vhf-rover.YYMM), can be retrieved by sending a line starting with
index.

Please remember to use vhf-rover-request@sttng.eng.pko.dec.com for
administrative requests and not vhf-rover@sttng.eng.pko.dec.com.

This discussion is occuring due to the dissatisfaction among a number
of rovers over the recent changes that occured in the ARRL VHF
contests regarding rover scoring. Prior to the January Sweepstakes,
rover's multipliers accumulated as they moved from grid to grid. The
new rules make the score simply a sum of the individual grid scores,
i.e. the score is arrived at by calculating the score for each grid
in the identical manner for a fixed station in that grid and then
adding the individual scores together.

A number of proposals have been made and some additional ones are
about to be posted. To start things off, I requested on the old list
and will request here that:

1) Try to maintain some decorum? No personal attacks or attributions
as to why someone is lobbying one way or another. That serves little
purpose other than to add unnecessary heat into the debate. An
example would be questioning someone's rover experience as it isn't
particularly relevant.

2) Lets try to get some order to the debate. Can we first settle
on some goals and non-goals for the rules? Some have been proposed,
but until we agree upon a set of goals for the rover category, it will
be impossible to agree upon a set of rules.

Finally, thanks again to Roger for getting this started and being a
manual list maintainer, and to Jim for setting up this automated list.

With that out of the way, let the discussion continue.

73,
Todd and Roger
N9MWB KD6EFQ

1349. Re: test

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:10:11 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb1.181011.21924@ke4zv.atl.ga.us>
Source record: 252733

In article <3gm1jn$kqj@server.st.usm.edu> wrich@whale.st.usm.edu (William Coley Richardson) writes:
>
>this is just a test.

Thank goodness, I was about to tune to 640 or 1240 on the AM dial. :-)

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1350. Amateur Radio: Elmers List Info and Administrivia

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:40:43 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/admin-1-791664039@gonix.com>
Source record: 252734
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/admin
Revision: 1.10 10/30/94 22:07:48
Changes: Uniform Resource Locators (URL's) now used throughout
Posting-Frequency: posted on the 1st of each month

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via Usenet. Any other uses, please E-mail for permission.

[Special note: My E-mail addresses have changed, reflecting a move to Greater Omaha Public Access Unix, which was motivated by a desire to seek a stable site for the Elmers List for some time to come. See my signature below for the new addresses. My old E-mail addresses, at the University of Nebraska at Omaha, will probably work for the foreseeable future, but are not guaranteed.]

In order to standardize the Internet resource notation used in this Directory, I've decided to adopt Uniform Resource Locator (URL) format throughout. In addition to being a straightforward, human-readable, format for specifying File Transfer Protocol (FTP) archives, Gopher and World-Wide Web (WWW) servers, and Usenet newsgroups, it is also amenable to formatting as hypertext links in Hypertext Markup Language (HTML). For example, users viewing this document at the Ohio State World-Wide Web Server (see "How may I obtain the latest copy of the Elmers List?" below) will see all URL's converted to hypertext links on their WWW client. Rather than fumbling with the various conventions of FTP, Gopher, WWW, and Usenet News software, the document or directory referenced by a hypertext link is but one mouse-click (or key-click) away.

Scott Ehrlich has graciously agreed to be a WWW Elmer and provide further information about how to obtain and use WWW client software such as Lynx and Mosaic (see his entry). While I'm happy to incorporate the latest and most popular information-formatting standards into the documents that I maintain, I really can't allow myself to be dragged into the role of a WWW help-desk for all of the Internet. Please understand this when I politely refer you to other Elmers, easily-obtainable on-line documentation, or even local expertise such as resident gurus, consultants, or help-desks at your school, company, or information service provider.

I expect there to be a bit of controversy regarding my adoption of this somewhat radical new standard, especially to many users who can't or won't use WWW. Those users should be assured that I wouldn't have

adopted a standard unless it was easily human-readable by those accessing this document as straight ASCII (which is one of the main reasons why the entire Elmers list isn't HTML, MIME, MMDF, or one of many other competing, mostly non-compatible, information formats). The URL format is easily mapped into human FTP, Telnet, Gopher, and Usenet News reader commands. For example:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/README

Anonymous FTP to ftp.cs.buffalo.edu and get the file README under the /pub/ham-radio directory.

gopher://oes1.oes.ca.gov:5555/

Access the Gopher root page at oes1.oes.ca.gov via non-standard port 5555 (if the standard Gopher port of 70 was used, the ":5555" part would be replaced by ":70" or most likely not appear at all).

telnet://callsign.cs.buffalo.edu:2000/

Initiate a Telnet (remote terminal) session with callsign.cs.buffalo.edu via non-standard port 2000 (if the standard Telnet port of 23 was used, the ":2000" part would be replaced by ":23" or most likely not appear at all).

news:rec.radio.info

Access the rec.radio.info newsgroup on your Usenet newsreader from your local news server.

URL's that start with:

http:

Are only accessible via WWW client software (which is why almost all http: URL's in this directory also have corresponding ftp: or gopher: URL's).

For more information about URL formats, see:

http://www.cc.ukans.edu/lynx_help/URL_guide.html
ftp://nis.nsf.net/documents/rfc/rfc1630.txt
http://info.cern.ch/hypertext/WWW/Addressing/URL/URI_Overview.html

Disclaimer: While I have personally confirmed the accuracy of all URL's through the Lynx WWW client, any referenced documents external to this document are subject to future changes beyond my control. In addition, with networks and their administration being what it is, many services with up-to-date URL's may be temporarily unreachable. Please consult with your local gurus, consulting staff, or help-desk to confirm that it's a non-local problem, then ask the Elmer him or herself (me in the case of URL's which appear outside of individual entries). The currency and accuracy of URL's should be at least no worse than that of the Elmers entries themselves (which are each individually confirmed by me every 2 years, and updated within 1 month

on request of the Elmer).

A Brief Historical Overview:
++++++++++++++++++++++++++

If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described in the list of Frequently Asked Questions for this newsgroup.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Howard Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1947-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?
++++++++++++++++++++++++

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is a Usenet Elmer?
++++++++++++++++++++++++

With the ever-widening scope of the Internet, and the amateur radio newsgroups on Usenet, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I have started to maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area of expertise. I have set up an administrivia mailbox for this purpose (elmers-request@gonix.com, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?
++

There are currently 7 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the companion postings to this message, "Amateur Radio: Elmers Resource Directory [A-M]" and "Amateur Radio Elmers Resource Directory [N-Z]." Since the list is cross-posted to the following newsgroups:

news:rec.radio.amateur.misc
news:rec.radio.info
news:rec.answers
news:news.answers

on the 1st of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles or articles that are "threaded" to this one.

Also complain to your local news administrator (E-mail to "news" or "usenet" on your local host) if your local news server is configured to ignore Expires headers (and thus prematurely delete the articles) in worthwhile, mostly moderated, information newsgroups like those listed above.

2. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from the following sites:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elmers/

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the latest copy may be obtained from the mailing-list gateway for that newsgroup (along with many other informational articles about radio) when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway of rec.radio.info, or want a copy of the list right away, send E-mail to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index
send usenet/news.answers/radio/ham-radio/elmers/list/a-m
send usenet/news.answers/radio/ham-radio/elmers/list/n-z
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail within 24 hours (the mail-server uses batch priority to reduce system demand).

The last three services are experimental. I'm not terribly familiar with them, and cannot offer much technical support regarding their use. (I'd appreciate feedback on whether or not you find them useful, though.)

5. Internet Gopher: The latest copy of the list should be available from the following Gopher sites:

gopher://cc1.kuleuven.ac.be/
gopher://jupiter.sun.csd.unb.ca/
gopher://gopher.univ-lyon1.fr/
gopher://ftp.win.tue.nl/
gopher://gopher.win.tue.nl/

see also news:comp.infosystems.gopher

6. World-Wide Web (WWW): The latest copy of the list should be available from the following WWW site:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/elmers

The advantage of reading the Elmers list at this site via WWW client software is that all URL's are converted to hypertext links.

see also:

news:comp.infosystems.www.misc
news:comp.infosystems.www.providers
news:comp.infosystems.www.users

7. Wide-Area Information Service (WAIS): The latest copy of the list should be available from the WAIS server at:

wais://rtfm.mit.edu/usenet

see also news:comp.infosystems.wais

How may I contribute to the Elmers List?
++++++++++++++++++++++++++++++++++++++

By using this resource, you are benefitting the net by obtaining assistance in the fastest and most efficient way possible. By volunteering to appear on this list, you are contributing to the good reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

1351. Amateur Radio: Elmers List Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:40:44 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/index-1-791664041@gonix.com>
Source record: 252735
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/index
Posting-Frequency: posted on the 1st of each month

Quick Search Index by Subject:

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

MATEUR RADIO EMERGENCY SERVICE MAIL/FTP/WWW SERVERS/ARCHIVES
(ARES)/RADIO AMATEUR CIVIL
EMERGENCY SERVICE (RACES) Bloom (ARRL Info Server)
Bowen (rec.radio.amateur.*
Botterell (Networks in Emergency Supplemental Archives)
Management Mailing List) Deignan (Buckmaster CDROM)
Chilton (EMA Radio Officer) Ehrlich (Boston ARC FTP archive
Engehausen (RACES Bulletins) and WWW Page, ARRL WWW Page)
Fyodorov (Russia) Goldstein (Packet Radio and TAPR
Humphries (ex-Asst. EC) WWW Server)
Magid Harding (Ham Server)
Stader (EMAS SEC) Lloyd (QRZ FTP Archive and WWW
Wilson Server)
Nerenberg (Contesting, DX, and
AMATEUR TELEPRINTER OVER RADIO Technical Amateur Radio WWW Page)
(AMTOR)/PACKET TELEPRINTER OVER Nielsen (TAPR)
RADIO (PACTOR)/RADIO TELETYPE (RTTY) Planke (World-Wide Web Server from
the Technical University of
Battles Ilmenau, including German
Doane Amateur Radio Information, QSL
Feeney (PACTOR) Data, and a Taiwan Callbook)
Freeman, J (AMTOR and PACTOR) Shirley (ACC Equipment)
Graham, P Williams (Ham Radio World-Wide Web
Reynolds (ARQ and FEC modes) Server)
Richards
Sayer (also decoding CHU's MAILING LISTS
ASCII time code)
Ackermann (TAPR Net-SIG)
AMERICA ON-LINE Botterell (Networks in Emergency
Mangement)
Stader (Host, Engehausen, et al (AA4RE Packet
Ham Radio Club forum) BBS)
Dodell (Land-Mobile Radio,
AMERICAN RADIO RELAY LEAGUE MARS Members)
(ARRL) Ehrlich (Many, see full entry)

Freeman, M (ACC Equipment)
Battles (QST Features Editor) Hill (Antique and Older
Bloom (ARRL HQ Postmaster, Tube Equipment)
QEX Editor) Knapp, et al (Iowa State Elmers)
Doane (CT SM) Knell (UK TCP/IP Networking Group)
Ehrlich (WWW Page) Meredith (PBBS Bulletin Forwarding,
Elmore (CO TC) F6FBB Packet BBS)
Goldstein (Volunteer Counsel - Nerenberg (DX)
Florida Only) Peckham (College Clubs)
Hare (Laboratory Manager) Wier (Motorola HC11/HC16 and ICOM)
Hill (TN TS) Williamson (Many, AMSAT-related)
Jahnke (VEC Manager)
Lau (Technical Consultant) MEDIA (PUBLICATION/WRITING/
Redding (Educational Advisor) BROADCATING)
Sefranek (EMAS TA)
Stader (EMAS SEC) Battles (QST)
Turner (Volunteer Counsel) Bloom (QEX)
Wilson (SCV SM) Coletti, et al (Newsline)
Lau (QST/QEX)
ANTENNAS Lloyd (QRZ! Ham Radio CDROM)
Moore, J (Co-Host, Ham Radio and More)
Brewer (wire HF)
Billson (HF) MEDIUM FREQUENCY (MF, 160 meters)
Brubaker (HF)
DePolo (including VHF/UHF) Freeman
Elmore Harris
Freeman, J (wire HF and 160m) Zurn
Graham, J (wire HF for
apartments) MICROWAVE
Halbert (simple designs)
Harris Graham, P (1.2 Ghz repeaters)
Hill (Mobile, including HF) Hammill
Humphries (VHF and multi-band Jahnke (SSB/CW SHF Contesting)
wire arrays) Lau (Transverters up to
Kulyov (HF, especially 160 and 24 Ghz)
80m) Sargent (3, 5, and 10 Ghz)
Myers (and transmission van Vliet (including Power
lines) Amplifiers, Low-Noise Amplifiers,
Ornitz (including computer and Mixers)
modelling)
Potter MILITARY AFFILIATE RADIO SYSTEM
Reynolds (MARS)
Rymell
Salnick Doane (Navy)
Salyzyn Dodell (Air Force, Mailing List)
Sefranek (and Transmisison Lines) Miller (Air Force)
Silva Monson (Army)
Standerfer Sargent (Army)
Stine (wire HF) Schildt (Army MARS HQ Internet/
Stockton Milnet Contact and Registration

Taylor Service)
Zurn (wire HF) Taylor (Air Force)

ANTIQUE AND OLDER EQUIPMENT MOBILE

Bellville Carruth (FM and HT's)
Brewer (40's-70's) Hare (RFI issues)
Hill (Mailing List) Hill (including MF, HF)
Keys (including HF and CW) Humphries
Paperman (Manuals, Service Keller (HF)
Information, and Literature) Salmon (Maritime)
Standerfer Sargent
Turner (including Kenwood and Salyzyn (HF CW)
Ten-Tec)
NATIONAL TRAFFIC SYSTEM (NTS)
APPLE MACINTOSH COMPUTER
Doane
Bellville Elmore
Braun Goldstein (NCS FL Net,
Stader (List of Macintosh Packet)
Amateur Radio Software) Salyzyn (Canada)
Van Peursem (Savant) Sargent
Zurn (Europe)
BATTERIES
NOVICE/TECH INSTRUCTION
Hammill (Sealed Lead-Acid)
Meyers Bellville (K-12 Educator
Sefranek (including Solar and Consultant)
Operation) Billson
Stuart (including Ni-Cads) Bono (AutoExam/AutoCW)
Chilton
BULLETIN-BOARD SYSTEMS (BBS'S) Hill (CW learning hints)
Knapp, et al
Appell (including Alinco and Larson
Yaesu Product Info and Feedback) Magid
Gathergood (CQ Centre) Maia
Myers (including basic
CALLSIGN DATA/NATIONAL TECHNICAL electronics and communications
INFORMATION SERVICE (NTIS) theory)
Picha
Carruth Redding
Lloyd (including QRZ! Ham-Radio Reeves
CDROM) Salmon
Stader
CIVIL AIR PATROL (CAP)
PACKET
Moore, J
Standerfer Ackermann (including TCP/IP,
TAPR, Net-SIG, and Kantronics
COLLEGE CLUBS D4-10 19.2kBaud Radio Modems,
Joint IP Coordinator for Ohio

Edwards Subnet)
Knapp, et al Angus (TCP/IP, NOS, UUPC,
Peckham (Mailing List) Tnet, and SNEWS, SCO Xenix
Schallehn TCP/IP and Sendmail, IP
Coordinator for CA - LA
COMMERCIAL EQUIPMENT County Subnet)
Battles (AX.25 and TCP/IP)
Bellville Bellville (including Rose)
Dodell (Mailing List) Bloom (IP Coordinator for
Picha Connecticut Subnet)
Richards Braun (TCP/IP, Macintosh, IP
Wier (ICOM Mailing List) Coordinator for WNY Subnet)
Cole (TCP/IP and NOS)
CW (MORSE CODE) Dodell (IP Coordinator for
Arizona Subnet)
Bono (AutoCW) Engehausen, et al (AA4RE Packet
Elmore BBS and Mailing List)
Fyodorov (including Cyrillic) Freeman, J (KAM, TCP/IP, NOS for
Hill (learning hints) DOS and OS/2)
Keys (including CWIST HF CW Net) Fyodorov (AX.25 and TCP/IP in
Kulyov Russia)
Picha Goldstein (TAPR TNC-2 Firmware,
Rosenfeld Packet Radio and TAPR WWW
Salyzyn Server)
Silva Graham, J (KAMterm)
Squicciarini Graham, P (VHF)
Stine Knapp, et al
Stockton Knell (UK TCP/IP Networking Group
Tescher (Computer Programs) Mailing List)
Zurn (including European Meredith (AZ Packet Coordinator,
abbreviations) PBBS Bulletin Forwarding Mailing
List, F6FBB Packet BBS Mailing
DIGITAL SIGNAL PROCESSING (DSP) List)
Nerenberg (TCP/IP)
Bloom Nielsen (TAPR)
Bruhns Reynolds (including TCP/IP over HF)
Edwards Salyzyn (Canadian)
van Vliet (Filters, including Sargent
Integrated, Distributed, Sayer (VHF)
Lumped, and Active) Schliesser (Joint IP Coordinator
for Ohio Subnet)
EQUIPMENT TESTING/TROUBLESHOOTING Schallehn (Kantronics)
Stader (TCP/IP and Macintosh)
Billson Vail (TCP/IP, TAPR/9600)
Brewer (Tube Gear) Van Peursem (Savant and
Bruhns (Low-Level/Low-Frequency Macintosh)
Analog and Transmission Line
Measurements) PART-15 BROADCASTING
Elmore (Troubleshooting)
Freeman, J (PC ISA Bus) Ornitz

Hare (ARRL Laboratory Manager)
Myers POWER SUPPLIES
Ornitz (Instrumentation)
Paperman (Manuals, Service Myers
Information, and Literature) Sefranek
Rymell (Electronics and Computer Stuart
Service Work)
Salnick PRODUCT INFO/FEEDBACK
Salyzyn
Sefranek (including Power Supplies Appell (Alinco and Yaesu)
and Amplifiers) Freeman, M and Shirley (Advanced
Standerfer (Test Equipment and Computer Controls - ACC)
Measurements) Paperman (Manuals, Service
Stockton Information, and Literature)
Taylor Wier (ICOM)
Tescher
Witte (Instrumentation) QRP (LOW POWER)

FREQUENTLY ASKED QUESTIONS (FAQ's) Billson
Halbert (HF)
Bloom (ARRL E-mail and Info Server) Harris
Bowen (Supplemental FTP Archives, Sargent (VHF)
Internet Callbook Server) Stockton
Cheeseman (Australia) Turner (including Ten-Tec
Dodell (rec.radio.info Newsgroup) Argonaut)
Ehrlich (World-Wide Web) Ehrlich, et al (Mailing List)
Goldstein (Packet Radio WWW Server, Zurn
including Packet FAQ)
Hill (Antennas) RADIO FREQUENCY INTERFERENCE (RFI)
Holmstead (Satellites/Space)
Jahnke (VE Exams Scheduled) Elmore
Kluft (General) Graham, P (including PC's)
Stader (Macintosh Amateur Radio Hare (including Automotive,
Software) Telephone, and Cable Television)
Turvey (United Kingdom) Myers
Williams (Ham Radio World-Wide Web Sefranek
Server) Stockton
Woods (Mail Order Electronics) Witte
Yee (Online Repeater Directory)
RECIPROCAL LICENSING/FOREIGN OPERATION
HANDICAPPED OPERATING
Andrews (New Zealand)
Billson Flaherty (South Pacific)
Doane Fyodorov (Russia)
Knapp, et al Levine (Australia and Japan)
Salmon
HIGH FREQUENCY (HF)/ Salyzyn (Canada)
CONTESTING/DX Stockton (UK)
Zurn (Italy and Germany)
Battles

Brubaker REPEATERS
Chilton
Elmore (DX'ing, Contesting, Battles
and Propagation) Bellville (2m/6m/440)
Fyodorov Chilton
Hill (Mobile) De Armond
Knapp, et al DePolo (VHF/UHF)
Kulyov Graham, P (including 1.2 Ghz)
Nerenberg (DX Mailing List) Keller (220 Mhz)
Rosenfeld (including practical Knapp, et al
QSLing tips) Schallehn (VHF/UHF)
Salmon (including DXpeditions) Sefranek (Building and
Salnick Maintaining)
Silva Witte
Squicciarini
Tidd (DXCC Databases) SATELLITES
Zurn
Bass (including low-cost, QRP
HOMEBREWING/DO-IT-YOURSELF Microsat stations)
Feeney
Billson (6809 uP) Flaherty (including OSCAR)
Bloom (including DSP) Picha (Local AMSAT Coordinator,
Bruhns (including Low-Level/ Anything Amateur-Satellite-
Low-Frequency Analog, DSP, Related)
Surface Mounting, and Williamson (InstantTrack, OrbitDRV,
Transmission Lines) AMSAT Services)
Carruth (Digital Design,
Software) SEMINARS/LECTURES
Chilton
De Armond Humphries
DePolo (including VHF/UHF Redding
design and construction) Stuart (Batteries and Power
Edwards (including DSP) Supplies)
Elmore (Construction Practices)
Fyodorov (including computers) TANDY COLOR COMPUTER AND OS-9
Halbert (QRP)
Harris Billson
Keys (Junk Box projects, National
Electrical Code for Hams) TELEVISION, FAST-SCAN (ATV)
Kohnen (Tubes)
Kulyov Chilton
Lau (Transverters, VHF/UHF, Feeney
Filters, repeatable projects) Hammill
Myers (Transmission Lines, Larson
Analog and Digital Design)
Ornitz (Chemical and Toxic Material TELEVISION, SLOW-SCAN (SSTV)
Use and Handling)
Picha Langner
Rymell (Electronics and Computers,
Low-Cost projects) UNIX

Salyzyn
Sayer (Class-C Bipolar Amplifiers Angus (including SCO Xenix
and Phased-Lock-Loop Circuits) TCP/IP and Sendmail)
Sefranek (Amplifiers, Batter/Solar Carruth (System Administration,
Operation, Power Supplies, and Phoenix, AZ Linux Users Group)
Repeaters) Cole (including Linux)
Silva (Analog, Digital, Tubes, Freeman, J
Semiconductors, RF, Finding Moore, C (including X-Windows)
Parts) Nerenberg (especially System
Stine (Tube Amplifiers, Administration, Networking,
Receivers, and Exciters) and Electronic Mail)
Stockton (including QRP) Salyzyn (including NeXTSTEP)
Stuart (Batteries and Power Sayer (especially SunOS)
Supplies) Tescher
Taylor (Tubes and Amplifiers) Van Peursem (HP-UX and System
Tescher Administration)
van Vliet (including Power
Amplifiers, Low-Noise Amplifiers, VERY HIGH FREQUENCY (VHF)/
and Mixers for Microwave) ULTRA HIGH FREQUENCY (UHF)

IBM PERSONAL COMPUTER (PC) AND Battles
CLONES Bellville (2m/6m/440 AM/FM/SSB/
Packet/QRP/Repeaters)
Angus Carpenter (6 meters)
Bellville DePolo (Weak Signal, Contesting,
Bono (AutoExam, et al) and Repeaters)
Braun Flaherty (including Amplifiers and
Cole Mailing List)
Freeman, J (including OS/2 and Graham, P (Commercial Rig
ISA bus) Conversions)
Fyodorov Hammill (including ATV, Weak Signal,
Keller and DX)
Picha (including use as Humphries (2m FM)
Controllers) Jahnke (CW/SSB Contesting and
Tescher Weak Signal)
Larson (Weak Signal)
INTERNET SERVICES Lau (CW/SSB to 222 Mhz)
Picha (including Earth-Moon-Earth,
Bellville EME, or Moonbounce)
Ehrlich Reynolds
Schleck Richards (Monitoring)
Taylor Sargent (2 and 6 meter AM and
Contesting)
Silva
Witte (including Portable
and Mountaintopping)

VOLUNTEER EXAMINER (VE) PROGRAM

Billson
DePolo

Ehrlich, et al (ARRL VEC Mailing
List
Jahnke (ARRL VEC Manager)
Kohnen (W5YI)
Maia (W5YI VEC)
Reeves
Salmon (Sunnyvale)
Sefranek (ARRL and W5YI)
Sternitzke (W5YI Asst. VEC)

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

1352. Amateur Radio: Elmers Resource Directory [A-M]

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:40:47 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/a-m-1-791664042@gonix.com>
Source record: 252736
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/list/a-m
Posting-Frequency: posted on the 1st of each month

More information about this list can be found in the companion posting
to this file, "Amateur Radio: Elmers List Info and Administrivia."

73, Paul, KD3FU

Amateur Radio Elmers Resource Directory (as of 02/01/95)
++++++++++++++++++++++++++++++++++++++++++++++++++++++
- A -
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John Ackermann AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

My primary interests are in packet radio network building (particularly
higher speed stuff) and TCP/IP. I've got quite a lot of info on using
the Kantronics D4-10 19.2kB radios, as that's the hardware we've been
struggling with here.

TAPR (Tuscon Amateur Packet Radio) has formed a special interest group
to discuss issues of regional packet networking (Net-SIG). As a result,
the TAPR net-sig mailing list was born, and is now ready for operation.

This list is <not> intended to replace any of the existing packet-related
mailing lists. Its purpose is provide a medium for communications among
those interested in packet radio networking, both dealing with technical
issues and political/regulatory ones. We'll discuss things like how the
potential 219MHz band will fit into the networking picture, how to link
areas using different networking schemes, how to set network parameters,
etc. The list's charter will be posted there regularly.

The address of the list is net-sig@tapr.org and you can subscribe by sending
mail to listserv@tapr.org with the text "join netsig".

Apart from subscribing to the list, you can contact me for further details
about the Net-SIG (including upcoming conferences).

(See also Howie Goldstein and Bob Nielsen for more information about TAPR)

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP
numbers in Ohio to:
```

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

(See also Tony Schliesser)

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

++

David Andrews ZL2SX

andrews@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
Advisory Group, which is responsible for all repeater coordination and
band-planning (LF, MF, HF, VHF, UHF, and above) in New Zealand. I would
be pleased to answer any queries with regard to reciprocal licensing or
frequency coordination that may arise.

++

Jeff Angus WA6FWI

jangus@skyld.grendel.com

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes,
And, I have successfully installed UUPC/extended 1.11k and SNEWS for those
MS-DOS afficionados out there. SCO-Unix tcp/ip and sendmail coming soon!

ampr.org IP Coordinator for California - Los Angeles County (44.016.xxx.xxx)

Hardware, software and wetware questions answered either with correct answers
or the name of someone who does know.

To contact: J. Angus PO Box 4425 Carson, CA 90749-4425 USA
Or Phone 1 (310) 324-6080 all day monday, 7 am - 10 am tuesday
through friday, 7 pm - 11 pm tuesday through thursday.

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at:

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Jay Appell --> KA1SNA

1976-1978 FCC Personal Users Radio Advisory Committee
Task force for rules Rewrite Citizens Radio Service

Rules Interpretation

1988-Present Stratus Computer/ Technical Support Engineer

I am CEO of Creative Media Productions a multimedia consulting
company.

Address: Jay_Appell@cac.stratus.com
Telephone: 1-508-478-6969 X200 at Creative Media Productions
1-508-478-1429 24 Hour Ham radio BBS and other topics

I enjoy SCA reception and multimedia use in Amateur Radio. If anyone would
like to reach me by modem, 508-478-1429 (24 Hr) BBS 14,400.

I have been referred to as the ham responsible for digital users manuals
in amateur radio. The first manual was the DJ-590 and subsequent manuals
included the 560,580 and 600 for Alinco. My contacts in the amateur radio
community have helped other amateurs to know more about products, hidden
features and new product offerings. The BBS will now include the latest
info on YAESU and ALINCO products. If you have a product that you wish to
have evaluated for the general amateur community, please contact before
sending.

If you have questions with regard to customer service at these
companies, please forward to me and they will be passed to the company
contacts.

++
- B -
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Ken Bass K4EVH

bassanco@access.digex.net

Licensed since 1959.

Experience in presently mostly Microsats, but I have experience on Modes A,
B, J, and Oscars. I have concentrated on "cheap" and low-power setups, like
my Microsat setup using in-the-attic homebrew/Radio Shack omnidirectional
antennas.

++

""
Brian Battles, WS1O I Tel 203-666-1541, x222 I
QST Features Editor I Fax 203-665-7531 I "Stamp out sex:
ARRL HQ I Internet bbattles@arrl.org I Get married!"
Newington, CT USA I Amprnet ws1o@ws1o.ampr.org I
""

VHF packet (AX.25 and TCP/IP)
HF SSB and RTTY
FM/repeaters
Clubs/activities

Public relations
Writing (for newsletters and ARRL publications)

++

Rob Bellville N1NTE

rbellville@aol.com

PO Box 515
Millbury, MA 01527-0515
Experience:
* Computer Networking Hardware Technical Engineer (Yuck!)
* Computer Education and Technology Consultant (PC/Mac HW & SW)
* K-12 Computer Educator/Instructor/Technician in a public school
+ Two-way Radio Consultant
+ NetRead(tm) author (Articles via Internet)

---
* present occupation(s)
+ on demand/when necessary

Interests:
VHF/UHF simplex
Duplex and simplex repeaters
Remote Bases
6M - AM/SSB/FM
2M - AM/SSB/FM/Packet
440 Mhz FM
Would try 1.2GHz if there was any local activity!
VHF/UHF QRP
Fixing radios old and new
Setting up a packet radio file server (ROSErver)
Internet - Usenet newsgroups, FTP, etc...
Scanners, SWL, and making CB radio useful again
PC and Mac computers - hardware and software
Communications for neighborhood crime watches
Caching radio equipment for that *special* occasion

Please feel free to contact me either by email or
US Mail. Will be happy to share the knowledge!

++

Bob Billson, KC2WZ Internet: bob@kc2wz.bubble.org
21 Bates Way UUCP: ...!uunet!kc2wz!bob
Westfield, NJ 07090
908-232-2603 (evenings)

Advanced (since 1975) Troubleshooting
Homebrewing C and 6809 uP programming

Antennas (particularly HF) Volunteer Examiner
Digital Communications QRP

OS-9 operating system (UUCP is run on my Tandy Color Computer 3 :-))

10m is my favorite band even when it is "dead".

Member of Handi-Hams. Work as an Interpreter for the Deaf (I am hearing).

Interested in helping *any* would-be ham get their ticket. Ham Radio is a
great(!) hobby and should not be kept a secret!

++

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League | Justice is being allowed to do whatever
225 Main St. | I like. Injustice is whatever prevents
Newington, CT 06111 | my doing so. -- Samuel Johnson

Postmaster, ARRL HQ (arrl.org)
QEX Editor
Digital Signal Processing (DSP)
ampr.org IP Coordinator for Connecticut subnet (44.088.xxx.xxx)

Collecting information for the next annual ARRL Computer Networking
Conference.

For information about the ARRL info server, send E-mail to info@arrl.org
with the word "HELP" in the message body.

ARRL info server files may also be accessed via anonymous FTP at:

ftp://oak.oakland.edu/pub/hamradio/arrl/

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

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/***\
* Rich Bono IMRICH UUCP:rbono@necis.ma.nec.com *
* (508) 635-6300 NM1D AMPR: nm1d@nm1d.nh.usa.noam *
***/

Author of the following MS-DOS ham programs:

AutoExam - Examination simulator and study aid
AutoCW - Morse Code practice program
DOSGATE - allows users to run programs on your PC remotely (AutoExam
compatible)
AutoCall - Allows use of the Buckmaster HAMCALL CDROM online callbook
with DOSGATE

AutoFax - Allows reception of weather fax using Kantronics TNC's
SeeSats - Real time satellite tracking (text only), DOSGATE compatible

Most of these programs are available via anonymous FTP from:

ftp://oak.oakland.edu/SimTel/msdos/hamradio/
ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

7 Red Field Circle
Derry, NH 03038

and enclose:

A FORMATTED high density diskette (either 1.44 MB or 1.2 MB; 3.5" or 5.25").
A Self Addressed STAMPED return diskette mailer.
A note explaining that you want a copy of AutoExam and/or AutoCW
(or one of the other programs).

I am always receptive to individuals interested in maintenance,
enhancements, and non-commercial distribution for these shareware
programs.

++

NETWORKS IN EMERGENCY MANAGEMENT ("Nets") DIGEST

"Networks In Emergency Management" is a moderated forum on the
use of computer networks and networked computers in the practice of
emergency management.

To join the "nets" mailing list, please send e-mail to
"nets-request@oes.ca.gov" with the word "subscribe" in the text
of the message. To remove yourself from the list, send mail to
that same address with the word "unsubscribe" in the text.

Check out the California Office of Emergency Services World-Wide Web
and Gopher Servers:

http://www.oes.ca.gov:8001/
gopher://oes1.oes.ca.gov:5555/

or Gopher bookmark entry:

Type=1
Name=Root gopher server: oes1.oes.ca.gov
Path=
Host=oes1.oes.ca.gov
Port=5555

- Art Botterell
acb@oes.ca.gov
(916) 262-1600 (in emergencies)
California Office of Emergency Services

++

Devon Bowen KA2NRC

bowen@olsen.ch

Maintainer of the rec.radio.amateur.* Supplemental Archives available
from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

Maintainer of the Internet Ham Radio Callbook Server at:

telnet://callsign.cs.buffalo.edu:2000/

For further information about the Callbook Server, please consult the
server's help facility, the rec.radio.amateur.misc FAQ, or additional
server documentation at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_callsign

Please direct all other feedback, submissions and administrivia
regarding these services to my E-mail address above.

++

Curtis Braun (curtis@computronics.com) (N2HKD)
Computronics, POBOX 1002 Fairport,NY 14450
Guest@Digital Telstar,Network Operations Center Kodak

Apple Macintosh, IBM-PC, and Sun Computers

I have extensive knowledge on Appletalk protocol down to the bit level.
I have also worked with various iterations of MacTCP applications.
(Routers, hubs, gateways, Ethernet, Localtalk, etc)

I am also familiar with the look and feel of the Mac OS, (Ver. 6 & 7),
and its associated troubleshooting. I have some application
experience with numerous programs. (including ARAP Apple remote
dial-in stuff).

ampr.org IP Coordinator for Western New York subnet (44.069.xxx.xxx)

(There is a readdressing plan which I will gladly mail to anyone
who requests it.)

[Editor's note: All ampr.org coordinators are listed in the document
at:

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++

John M. Brewer WB5OAU "there's a reason the reset button
johnb@thelair.zynet.com on a PC is on the front panel."

Wire antennas, restoration, operation and parts/tubes supplies
for most 40's-70's vintage gear.

++

Alan Brubaker, K6XO
alan@dsd.es.com

HF Antenna Systems
Contest Operating
General HF Operations
Propagation

++

Tom Bruhns K7ITM

tomb@lsid.hp.com

Electronic Circuits
Antennas and Transmission Lines

My electronics expertise is mostly analog, but I have some insights into
DSP applications that can do better in what used to be the analog
dominions. I can be of the most help with low-frequency analog stuff,
particularly measurements and low-level/low-noise/low-distortion
applications. I breadboard with IC's, discretes, and surface mounts
(which I prefer to use now, as surface mounting requires less drilling
of PCB boards once they are etched). My electrical engineering
education (Ph.D.) emphasized control systems. I also have a clear
understanding of transmission line measurements and behavior (a
personal research interest for the last 25 years or so).

++
- C -
++

Robert (Bob) Carpenter W3OTC

rc@cmr.ncsl.nist.gov
w3otc@amsat.org

6 meter SSB DX
Central States VHF Society

"2m FM isn't ham radio, but it's a good way to contact radio amateurs."

Disclaimer: Opinions expressed are those of the sender
and do not reflect NIST policy or agreement.

++

Rusty Carruth aka N7IKQ aka rusty@indirect.com
Broken: rusty@descomp.com
The Phoenix Linux User's group has formed! Details: me.
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting
tapes (especially Callsign tapes) from the Department of Commerce
National Technical Information Service (NTIS) or wanting other info on
callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise, really!

My job is currently System Administrator for a large Unix site so I know a
little bit about day-to-day Unix operations and Unix installation :-)
I also have much experience with constructing email paths that will work
rather than bounce.

I also have a fair amount of experience in hardware/software interfacing
and machine control.

++

Mark Cheeseman VK2XGK

cheese@asstdc.com.au

Maintainer of the aus.radio FAQ

A copy of the FAQ may be obtained from:

ftp://grivel.une.edu.au/pub/ham-radio/aus.radio/faq/australia

Please direct all feedback, submissions and administrivia to my E-mail
address above.

++

Ken Chilton
KA1TIH, Advanced Class
53 Alan Road
Marlborough, MA 01752
chilton@emc.com
Design Engineer

Amateur Qualifications:
Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47
Assistant Radio Officer for the City of Marlborough
Emergency Management Agency
NESMC Region 440 MHz frequency coordinator
Trained in Electronics Engineering, Electrical Engineering,
Computer Sciences, Computer Programming, and Management
Knowledgeable in Rules, Regs, and interpretations

Areas I am also interested:
Homebrewing
Repeater Hardware, Control, Operation
Packet (AX.25)
Net Control Operations
Electromagnetics and EMP
HF SSB and CW operating

Satellite and Shuttle operation
Amateur Television
Elmering new HAMs

++

Derrick C. Cole KC4WEJ

cole@concert.net

Anything having to do with PC's, DOS, Unix, Linux, C, NOS, TCP/IP et al
is fair game. I'm not much help in the electrical/circuit department (but
I am learning/applying, though! :) If you feel such information could be
useful, I would of course offer any/all help I could provide.

++

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Newsline may also be excerpted for code practice transmissions, and may be used as a reference source in bulletin board discussions under acceptable Fair Use practices.

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Editorial comment, news items and all other business should be directed to Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
E-Mail - 3241437@mcimail.com or B.PASTERNAK@genie.geis.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or
D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks - Steve Coletti (within the conference/echo) or
bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)

See the entry for Scott Ehrlich for FTP archive information and
receiving Newsline bulletins via E-mail.

++
- D -
++

John De Armond WD4OQC

jgd@dixie.com

Marietta, GA

Construction techniques, telemetry, repeater design and maintenance,
most aspects of circuit design.

++

Rev. Michael P. Deignan KD1HZ

md@pstc3.pstc.brown.edu

A new ham-radio archive site and callsign server center has been set up
on the Internet.

The Buckmaster CDROM callsign database (which includes international
calls) and all the Buckmaster CDROM public domain files are available
for retrieval!

To access the Buckmaster callsign server:

telnet://ns.risc.net/

login as: hamradio (no password)

To access the file archives:

ftp://ns.risc.net/

Please direct all feedback and administrivia regarding this service to
root@ns.risc.net.

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[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

Owner of the Land-Mobile-Radio Mailing List

The purpose of this list is to allow discussion about commercial
land-mobile radio equipment, its use and maintenance.

Owner of the Military Affiliate Radio Service (MARS) Members
Mailing List.

The purpose of this list is to allow discussion about MARS (Military
Affiliated Radio Service) activities. The list is open to all branches
of MARS.

To subscribe to or unsubscribe from either of the above lists, please
send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either
land-mobile-radio or mars-list. An acknowledgement/welcome message
should follow very shortly.

Moderator of rec.radio.info newsgroup

Please direct all rec.radio.info submissions to
rec-radio-info@stat.com and all feedback and administrivia to
rec-radio-request@stat.com.

For more information about rec.radio.info, see:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/rec-radio-info/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/
news:rec.radio.info

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- E -
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Thomas Edwards N3HAU

tedwards@eng.umd.edu

http://w3eax.umd.edu/thomas.html

Technopagan Priest
Member, University of Maryland ARA - W3EAX

Digital Signal Processing (DSP)
Electrical and Electronics Engineering

The UMARA is running a World-Wide Web hypertext page at:

http://w3eax.umd.edu/w3eax.html

Give it a try!

++

Kim Elmore, N5OP
1103 South Gay Drive
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
n5op@wa8zia

I'm the Technical Coordinator for the Colorado Section.
Areas of expertise:
RFI/EMI
Antennas
DX'ing
Contesting
HF propagation
CW

Areas where I have enough knowledge to be dangerous:
Troubleshooting
Traffic Handling
Homebrewing and construction practices

++

Roy Engehausen AA4RE

enge@almaden.ibm.com

AA4RE Packet BBS

Poster of RACES Bulletins

Thanks to Chris Spell <spell@seq.uncwil.edu>, there is now a mailing
list for AA4RE BBS program sysops. I hope all will subscribe. It
should be very helpful to all of us.

To send a message to the mailing list send it to:

aa4re@matsci2.uncwil.edu

To subscribe to the mailing list a user needs to send a message to:

aa4re-request@matsci2.uncwil.edu

With the following in the body of the message:

subscribe aa4re your_account_name@your.address.wherever

To unsubscribe one would send this text in the message:

unsubscribe aa4re your_account_name@your.address.wherever

++

Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

I co-maintain the Boston Amateur Radio Club anonymous FTP file archives
with Phil Temples, K9HI (k9hi@netcom.com).

A sampling of the archives include:

A virtually complete archive of all ARRL bulletins since 1992 is
available at ftp://oak.oakland.edu:/pub/hamradio/barc/w1aw-list/

A mirror of all files available from the ARRL info server is also
available: ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/

The ARRL infoserver mirror has FCC Part 97 (U.S. Amateur Radio Service
Rules and Regulations) at:
ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/rib/part97.txt

Programs mentioned in QST are in:
ftp://oak.oakland.edu/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:
ftp://oak.oakland.edu/pub/hamradio/docs/newsline/

Mike Ardai, n1ist@netcom.com, runs the following Boston ARC mailing lists:

newsline-list (Amateur Radio Newsline)
w1aw-list (ARRL Official Bulletins)
letter-list (ARRL Letter)
ky1n-list (KY1N VEC listing, Local Boston area VE sessions)
barc-list (local Boston-area stuff)
barc-races (again, local)
fieldorg-l (ARRL Field organization discussions)
ham-tech (Untamed technical discussions about the hobby)
fox-list (local Boston stuff - T-hunting)
qrp-l (QRP, or low power, radio, previously maintained by Bruce
Walker at think.com)
arrl-exam-list (amateur radio license examinations scheduled in the US and
in some foreign areas.)
arrl-ve-list (ARRL VE Announcements, run by ARRL VEC Bart Jahnke)

To join any or all of the above:

Send a message to: majordomo@netcom.com
In the body of the message, type: subscribe list_you_want

Ham Radio and More, the radio show carried live every Sunday (6pm - 7pm EST) on the Talk America Radio Network, now has a World Wide Web home page:

http://www.acs.oakland.edu/barc/ham-more/ham-more.html

The Boston Amateur Radio Club also has a World Wide Web Home Page:

http://www.acs.oakland.edu/barc.html

Due to the popularity of the KY1N VE listing and W1GSL's hamfest list, I have incorporated both of these listings into the Boston Amateur Radio Club's Web page:

http://www.acs.oakland.edu/barc/ne-happenings.html

With the cooperation of the Boston Amateur Radio Club, I have put together a World-Wide Web page for the American Radio Relay League (ARRL).

Since the ARRL does not yet have web capabilities of their own, this page is being offered on the same site as the Boston Amateur Radio Club's web page.

The address to access the page is:

http://www.acs.oakland.edu/barc/arrl.html

It has pointers to the ARRL Letter, E-mail addresses of HQ staff, official League bulletins, and much more!

You will need Lynx, WWW, or Mosaic to view them (or you may obtain a copy of the page via E-mail; send a message to listserv@info.cern.ch with the word "help" in the body for more information). Ask me for more details about this.

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- F -
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F. Kevin Feeney WB2EMS
Network Video Engineer
172 Caldwell Hall
Cornell University
Ithaca, NY 14853-2602
Phone - (607) 255-5186
FAX - (607) 255-5771
EMAIL - fkf1@cornell.edu

Pactor, Satellites, and Amateur Television

I'd like to hear from people with Pactor experience, maybe even make a sched with someone for a maiden Pactor QSO.

++

Reciprocal Licensing (South Pacific)
VHF (Propagation, Power Amplifiers)
Satellites (Project Oscar)

Owner of VHF Mailing List

To subscribe, send E-mail to vhf-request@w6yx.stanford.edu

--
-=Paul Flaherty, N9FZX/5W1JX |"The enemy of the good is the better."
->paulf@Stanford.EDU | -- William "Wild Bill" Donovan

http://w6yx.stanford.edu/calls/n9fzx.html

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+ Jay Freeman, WT9S Packet: wt9s@w9yci.il.usa.noam +
+ internet: freeman@eagle.sangamon.edu +
++

I can assist anyone with most PC installation/troubleshooting
problems. I have a good deal of experience installing and configuring
OS/2, have a good grasp of Unix (not a wizard yet though :), and a
thorough familiarity with the ISA bus and the cards that go in it.

On the radio side of things, I like digital modes and experimenting with
antennas, specifically:

- PACTOR and AMTOR
- Configuring Kantronics All-Mode (KAM) TNC's for proper operation
- Over a decade of packet experience, including setting up both DOS and
OS/2 versions of KA9Q NOS
- HF wire antennas, including 160m full-wave delta loops

++

Monte Freeman KC4GPW

Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: ccoprfm@prism.gatech.edu
Bitnet: ccoprfm@gitvm1.bitnet

I am the list owner of a mailing list for people who have/are interested
in products produced by Advanced Computer Controls Inc. (ACC). For those who
might not know what ACC does; they produce products (mostly for the amateur
radio service) such as repeater controllers, digital voice recorders, remote
base control units, etc.

To join the ACC (Advanced Computer Controls) equipment discussion
mailing-list, send E-mail to listserv@gtri01.gatech.edu with "subscribe
acc-l your-name" in the body of the message. An acknowledgement and
welcome message will follow. Administrivia, policy questions,
or other queries may be directed to me.

(see also Mike Shirley WB6WUI)

++

Andy B. Fyodorov RW3AH, WL7AP

rw3ah@emercom.msk.su

PACKET: RW3AH @ R3ARES.#MOS.RUS.EU (temporarily down)
IP: 44.178.1.7 or rw3ah@gw.ra3apw.ampr.org

PO Box 899 Moscow
Zip-127018 Russia

Licensed since 1975
Experience in Emergency communications, Russian ARES Chief
Coordinator (since 1987) of Russian ARES Organization matters and networks
Owner of R3ARES BBS
General HF, Contesting, Net Controlling operations
Data communications, networks (TCP/IP, AX25)
computers (IBM PC, home made)
homebrewing electronics
antennas (particularly HF).
Proficiency in CW (Morse code)
(also former Ten-Tec dealer in ex-USSR)

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- G -
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Mike Gathergood G4KFK

mike@g4kfk.demon.co.uk

Tel +44 01753 582085
Fax +44 01753 592726

Sysop, The CQ Centre BBS

+44 01753 595468 and +44 01753 593524

Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs

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Howard Goldstein | "Civilization is the distance man | imotion@iu.net
N2WX | has placed between himself and | CIS:75006,702
InfoMotion, Inc. | his excreta" Aldiss |
http://iu.net/infomotion/hghome.html
"What doesn't kill me makes me stronger" Lisa

Wrote and maintain TAPR TNC-2 firmware (and some clones)
" " " TAPR and Packet Radio WWW Home Pages
Active on CW (NCS for Fri. Florida section net "QFN") and packet NTS
ARRL volunteer counsel (Florida _only_)

Packet Radio and TAPR are on the World-Wide-Web!

InfoMotion is proud to sponsor a series of web pages dedicated to Packet Radio. The series is accessible through the Packet Radio Home Page at this URL:

http://bb.iu.net/infomotion/pkthome.html

In addition, Infomotion is maintaining a Tuscon Amateur Packet Radio page for the time being:

http://bb.iu.net/infomotion/taprhome.html

What's here? A page of links (the Home Page), the TAPR Home Page, a page of Packet Pioneers and Contacts, a hypertext packet primer and FAQ, and more.

We seek: more packet-specific links to add and any comments and suggestions on how to make the series more useful. All ideas welcome, please send them to my E-mail address above.

(See also John Ackermann and Bob Nielsen for more information about TAPR)

++

Jim Graham

73 DE N5IAL (/4) MiSTie #49997 < Running Linux 1.0.9 >
jim@n5ial.mythical.com ICBM: 30.23N 86.32W
|| j.graham@ieee.org Packet: --OFFLINE-- (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I wrote and released as shareware.

My professional field is telecom (data communications is my key area of expertise).

I also have experience with wire HF antennas for apartments and other small spaces.

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- H -
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Dan Halbert KB1RT

halbert@world.std.com

QTH: West Newton, MA, near Boston.

Building homebrew QRP gear.
Information about QRP-NE Club.
Advice on simple antennas.

++

Brian Hammill, KD4BFJ | brianh@dante.exide.com
Software Engineer | Exide Electronics - Small Systems Group
Raleigh, NC | "Powering Your Network with Intelligent Solutions"

I am especially interested in VHF/UHF and microwave amateur bands as well as Amateur television. I am treasurer and a founding member of the newly-formed Triangle Amateur Television Association in Raleigh-Durham-Chapel Hill, NC. I am willing to share my expertise in the following areas:

ATV - Getting started, starting local activity, repeaters.
VHF/UHF - Propagation, what you need to get started, operating portable, contesting, weak signals, and DX.

Sealed Lead Acid Batteries - How to take care of them.

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Steve Harding KA6ETB

steveh@grafex.sbay.org 408.252.0578 alternate: harding@nas.nasa.gov
For amateur radio related information, send a message to:
ham-server@grafex.sbay.org
Place HELP and GET INDEX on separate lines in the text.

HAM-server is now on a 486 with nearly 70 MB of data. Besides DOS, there are some UNIX, Mac, and OS/2 files.

Most files have been taken from the various ftp-servers world-wide. However, there are many programs that have been donated by HAM-server users.

++

Ed Hare, KA1CV | ehare@arrl.org
American Radio Relay League |
225 Main St. |
Newington, CT 06111 |
(203) 666-1541 - voice
(203) 665-7531 - FAX
ARRL Laboratory Engineer

Radio Frequency Interference (RFI) matters
Equipment Testing

My survey of automotive EMI problems is mostly complete. The results are in September 1994 QST, including warranty and customer service information for most automobile manufacturers (many of whom have published installation guidelines).

I am also continuing to pursue more formal contacts and standards-making through the EMR and EMI Standards Committee of the Society of Automotive Engineers (SAE), of which I am a member.

Copies of General Motors installation guidelines are available. Saturn allegedly has a video on mobile installation, but none of the dealers seem to know about it. I have a call into one of my low friends in high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

EMI/RFI Resource List and RFI Tips package available. A business SASE with 98 cents postage is appreciated. Please specify the desired documents in your correspondence.

The FCC has released the results of a telephone interference survey just completed.

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ. Alternatively, you may obtain an electronic copy from the info server below.

If anyone is having a problem with CATVI, send a 9X12" SASE with 4 units of postage to the ARRL Technical Department Secretary. Ask for the "EMI/RFI Package" and "EMI/RFI - CATV." The CATV package includes a reprint of the article I wrote for Communications Technology -- the journal of the Society of Cable Television Engineers. Your local cable company will recognize this publication and will give credence to the words therein.

If you have any questions after you have read the material, contact me here at HQ. I can usually get back to you within a few days to offer some additional help.

Many amateur radio informational documents (including EMI/RFI files) are also available from the ARRL info server. Send E-mail to info@arrl.org with the word "HELP" in the message body.

ARRL info server files may also be accessed via anonymous FTP at:

ftp://oak.oakland.edu/pub/hamradio/arrl/

++

Peter Harris G4BDQ (licensed since 1972)
pdh@ecs.soton.ac.uk

My specialities (brace yourself!) are:

QRP
Do-it-yourself antennae and equipment
A hatred of all Japanese radio gear
Radio legend and apocrypha
The use of horrific amounts of power on 160m
How Amateur Radio can be fun

++

Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024 |Fax: (615) 459-0038| Life Member - ARRL
root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"

Mobile Antenna Systems and Installation (Primarily HF)
- power distribution
- frame grounding
- antenna selection and construction
- mounting the rig
- useful accessories
- Keeping it Simple (avoiding task overload)

Coordinator for developing the FAQ list for the rec.radio.amateur.antenna
newsgroup. Please direct all submissions, feedback, and administrivia to
my E-mail address above. Volunteer co-editors are most welcome.

I have agreed to provide a new home for the "Boat Anchor" mail list,
with the blessings of Paul Prescott, N1AAC, who took over from Our
Esteemed Founder Jim Lockwood, KM6NK.

The new mailing list address is now
boatanchors@ThePorch.com.

Use this address for messages of general interest to the entire group
Please don't use it to subscribe, change address, etc.

The new automated list manager address is
ListProc@ThePorch.com

Use this for subscribing, unsubscribing, getting archived info,
getting the FAQ message, changing your address, etc.

The new list owner address is
ListOwn@jackatak.ThePorch.com

Use this address only when there is a problem which really
truly can't be resolved otherwise.

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____ ____
| / /_ __\ | Disk Stephen Holmstead N7TQL All comments (c)1994
| | / / /_/ | | Memory ...!hplabs!hpdmd48!stephen Opinions are mine,
|___\ / /___| Division stephen@mail.boi.hp.com not my employer's.

Maintainer of the Ham Satellite FAQ

Available from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_satellite

Please direct all FAQ submissions, feedback, and administrivia to
my E-mail address above.

++

Ed Humphries Hewlett-Packard NARC Atlanta GA
N5RCK Internet edh@hpuerca.atl.hp.com

Past President, Williamson County (TX) ARC
Former Assistant Emergency Coordinator for
Williamson County ARES/RACES

2-meter FM, VHF Antennas, Mobile Installations
Organizing Amateur Radio Seminars and Programs
Multiband wire antennas, Field Day Activities
and general WeatherNet & public service enthusiast

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- I -
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- J -
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Bart J. Jahnke, KB9NM | USENET: bjahnke@arrl.org
Manager, ARRL Volunteer |
Examiner Program |
ARRL VEC Dept. | BIX: ARRL
225 Main St | MCI ID: 215-5052
Newington, CT 06111 | CompuServe: 70007,3373
Voice (203) 666-1541 | America On-Line: ARRL HQ
FAX (203) 665-7531 |
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* Listings of Examination Opportunities -- bi-weekly postings
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/
* Volunteer Examining procedures - ARRL VE Manual
* Support and Instruction for Volunteer Examiners - Coordinating Exams
* Member, National Conference of VECs Question Pool Committee
* Information on what's required to become an Amateur Radio licensee
* Contributing Editor - QST Magazine - Exam Info column
* On-the-air interests: VHF/UHF/SHF SSB/CW Weak Signal Operating and Contests

See the entry for Scott Ehrlich for information about receiving
ARRL VE announcements and examination schedules via E-mail.

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- K -
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Michael S. Keller AB5EL

71620.447@compuserve.com

Areas of particular knowledge:

PC-style computers
Mobile installations (rearranging mobile HF right now)
Repeaters (after a fashion--building a 1.25m repeater)

++

R.D. Keys

Dept. of Crop Science
NCSU
Raleigh, NC 27695-7620

rdkeys@csemail.cropsci.ncsu.edu

de NA4G, "Boat Anchor Bob", an ol' cw fart .....

If I can be of assistance in older equipment, junk-boxing
your way to hamdom, the cheapskate's approach, let me
know.

22 yrs a ham, extra class, mostly cw, mostly boat anchors
and radio in the traditional sense.

{Telegraphy has been in my family for almost 100 years!}

CWISTS Friday Night Fist Function

Standard time: Friday Nights at MIDNIGHT LOCAL TIME

Standard freq: 80 meters --- 3702.5 khz for all hands.
40 meters --- 7102.5 khz alternate, for all hands
(between the heterodynes)
(someone scout out a better QRG)

Standard calling signal: CWIST IMI DE <yourcall> K (if there
are no control stations calling for
you to check in), or,
CWIST DE <yourcall> K (if there is a
control station inviting checkins)
(The alternative check in for those OTs
with salt behind the ears is a simple
DE to get the control station's ears
followed by DE <yourcall> K when the
control station acknowledges.)

Note: A simple informal net style protocol will generally be
used, unless no control station assumes control for the
evening, in which case it is an open roundtable format
discussion group.

Note: The midnight local time gathering is designed to maximize
the number of checkins spread out over the world, so less
confusion and more checkins are heard. The hope is that
someone will be aboard almost anywhere and be heard at
least locally, anywhere in the world.

Definition: A CWIST is a person with an active interest in the PRACTICE and USE of continuous wave radiotelegraphy as directly is applicable to amateur radio. Such PRACTICE and USE may take the form of learning about radiotelegraphy and its history in amateur/commercial areas, its application to radio telecommunication, the practicing of the art and craft of radiotelegraphy, and the refining and developing of the technology of radiotelegraphy.

Author of NA4G's National Electrical Code for Hams

ABSTRACT

This work was presented as a talk to the Homebrew Special Interest Group (HB-SIG) of the Raleigh Amateur Radio Society (RARS), on 15 January, 1991 and was revised for another presentation on 26 January, 1994.

This document contains excerpts of the National Electrical Code (NFPA 70-1990) that, in the author's opinion, apply to the installation of amateur radio equipment as would commonly be found in most amateur radio stations. Direct excerpts from the Code are contained within inset quotations. Paraphrased excerpts from the Code are itemized. The author's interpretation and discussion of the Code is set full-width. The author's interpretation and discussion of various sections of the Code is not meant to be all-encompassing, nor the official interpretation of the National Fire Protection Association, nor of any official governing body having legal authority of jurisdiction over electrical installations, but is meant to be used as a teaching tool for amateur radio operators.

For ease of access, the group of files have been 'rolled into one'...

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/nec-1994.tar.Z

(861,677 bytes, for Unix jocks)

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/nec-1994.zip

(732,309 bytes, using PKZIP 2.04g for MS-DOS users)

++

Ian Kluft KD6EUI PP-ASEL
ikluft@thunder.sbay.org (home) ikluft@oes.amdahl.com (work) Santa Clara, CA

Maintainer of rec.radio.amateur.misc and rec.radio.cb FAQ lists

Available from:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq/

and

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/cb-faq/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/cb-faq/

Please direct all FAQ submissions, feedback, and administrivia to
hamradio-faq@kluft.com or cb-faq@kluft.com.

As with any volunteer effort, new volunteers are often needed. We need
new editors to post the above FAQ's. Preferably this should be
someone who has enthusiasm for hobbyist radio, experience with UseNet, and
the ability to work with the other editors. No single person can know
all the various aspects of these diverse hobbies so the editorial review
groups are intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is
written in PERL. So it would be a plus for volunteers to post the
FAQ to have PERL installed on their system and be able to use "cron"
or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer
should contact one of the above administrivia addresses.

A mailing list for rec.radio.amateur.* FAQ and Netiquette posting
maintainers, as well as anyone with a sincere interest in helping
keep the rec.radio.amateur.* newsgroups the friendly and useful
forums they are today, is also available. To subscribe, send E-mail
to rra-wg-request@amdahl.com.

++

Steven M. Knapp KA9QOA Computer Engineering Senior
sknapp@iastate.edu Vice President Cyclone Amateur Radio Club
Iowa State University; Ames, IA Durham Center Operations Staff

A few members of our ham radio club were interested in helping out.
Since our turnover is usually 4 years or so (graduation is a horrible
thing), I thought it may be difficult for us to keep the list up to
date. I thought that by creating a local mailing list called
"elmers@iastate.edu" we could add or remove people as need be. There
would always be at least one person receiving mail on that list,
usually more! Even after I graduate, this list will be maintained
allowing ISU hams to easily help others.

Currently we have people with packet experience, some HF experience,
much repeater experience, in addition to a considerable background in
theory, as many here are electrical engineering or computer engineering
students. If a question can not be answered by the readers of the list,
there are many other local hams that could be prodded for the info.

Our local ham radio club has been especially interested in helping local
disabled hams (or hams to be) get on the air. But anyone local who
needed help would find a group at their door ready to work.

++

+--- Mike Knell -- Squashed Lagomorphia on the Information Superhighway(tm) --+
| Vending machines should NEVER NEVER| SMTP thing: m.knell@unicorn.nott.ac.uk |
| EVER eat money. - RFC1288 (Finger) | AX25 thing: G7GPA@GB7COV.#29.GBR.EU |
+----------- These are my opinions, not anybody else's, so bog off. ----------+

There is now a mailing list set up for the UK TCP/IP Networking Group
(UKIP). This is a loosely-organised group set up to promote the use of
TCP/IP networking protocols over radio in the UK, and to encourage the
establishment of high-speed backbone links and network gateways.

If you want to subscribe:
Send mail to ukip-request@cs.nott.ac.uk. This is handled by a
human rather than a listserver, so be polite :-)

To post to the list:
Send mail to ukip@cs.nott.ac.uk. Subscription requests and other
administrative bits and bobs should go to ukip-request, _not_ to
the list as this just means that lots of people read your
subscription message and get cross.

I can personally answer quite a lot of the questions about TCP/IP-related
subjects.

Be forewarned that the list is fairly technical in its discussions, so
probably not the best place for beginners to start :).

++

I'll be glad to help out with tube circuits and VE testing.
(W5YI VE# 3182)

73,
Louis J. Kohnen K2ANC
Penfield, NY near Rochester

K2ANC.Wbst128@xerox.com

++

Sergei L. Kulyov AA8OT, also UA3AP

Licensed since 1981

E-mail: otutatch@magnus.acs.ohio-state.edu (c/o with my wife)
Mail address: 1216 1/2 Highland St., Columbus, OH 43201

Education: avionics, radio telemetry systems

General HF, contesting (my love!), computers, home made equipment,
Antennas, HF, especially for 160/80 m., CW.

Club activities: DIG since 1984, AGCW-DL

Russian Navigator Company proprietor.

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- L -

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John Langner WB2OSZ
115 Stedman St. #E
Chelmsford, MA 01824-1823
(508) 256 6907 (home - civilized times only please)
johnl@world.std.com

Slow-Scan Television

++

Alan Larson WA6AZP

larson@net.com
larson@w6yx.stanford.edu

My areas are fairly general, and I teach classes (Novice and
Tech, with and without code, and upgrade sessions) at W6YX.
My main audience is to the Stanford (University) community.

I am also involved with some less common modes, such as
fast scan television and weak signal VHF and UHF.

++

Zack Lau KH6CP/1 Expertise: Design of SSB/CW amateur transceivers
c/o ARRL Lab : up to 222 MHz. Design of transverters
Newington CT 06111 : up to 10.5 GHz. Basic lossy filter
(203)-666-1541 : design. Developing repeatable projects
zlau@arrl.org : using cheap, easy to get parts.

I'm now starting to look into 24 GHz SSB/CW gear using 10 Ghz as a
convenient IF.

Especially looking to help anyone wanting to be a QST/QEX
author--I can't write it all myself!

++

Bob Levine KD1GG 7J1AIS VK2GYN formerly KA1JFP
levine@mc.com <--Internet email Phone(508) 256-1300 x247
kd1gg@wa1phy.ma <--Packet Mail FAX(508) 256-3599

Amateur radio licensing in Australia and Japan

++

Fred Lloyd, AA7BQ flloyd@qrz.com
Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
----

Author of the QRZ! Ham Radio CDROM. Interested in receiving amateur
radio related public domain and/or shareware programs, data files,
frequency lists, etc., that would make a useful edition to the QRZ
CDROM. Can help arrange volume discounts for clubs and groups,
and will donate copies of QRZ to qualifying non-profit organizations.
Send E-mail or call +1 602 483-2036.

We now have the QRZ FTP archive and QRZ WWW server online, 24 hours a
day. Our connection is via a T1 line so you should get pretty decent
file transfer times.

We've got about 7,000 files online, including radio mods, software, most
everything imaginable. We are also accepting uploads of all ham radio
related material.

Feel free to stop by and have a look:

ftp://ftp.qrz.com/
http://www.qrz.com/ (WWW interface to the FTP archive as well as a
Callsign database server)

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- M -
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Joel Magid WU1F

magid@enet.com

ARES/RACES
Novice Instruction
General Theory

++

Fred O. Maia, W5YI

3511297@mcimail.com

P.O. Box 565101
Dallas, TX 75356

1-(800)-669-9594

Volunteer Examiner Coordinator
The W5YI Report
License Exam Study Materials
VE Exam Schedules Nationwide

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Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1-602-489-7384
P.O. Box 44563 Fax : +1-602-956-2566

Phoenix, Arizona BBS : +1-602-912-0225
85064-4563
daniel.meredith@aznetig.stat.com

Arizona Amateur Radio VHF/UHF Digital Coordinator

Ax.25: n7mrp@n7mrp.az.usa.na

Owner of the PBBS Bulletin Forwarding Mailing List

The purpose of this list is to provide Sysops and Networkers a server in which to forward bulletins and also discuss forwarding problems and obtain forwarding partners. This server is also for the exchange of general information relevant to all Amateur Related PBBS software packages available today.

Owner of the F6FBB Packet Bulletin Board System Mailing List.

The purpose of this list is to provide both sysops and networkers with tricks/tips/help as well as software updates for the F6FBB packet bulletin board system.

To subscribe to or unsubscribe from either of the above lists, please send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either bull-fwd or mars-list. An acknowledgement/welcome message should follow very shortly.

++

Jeffrey C. Miller NH6ZW/N0, AFA1HE

jmiller@gemstones.usafa.af.mil

USAF MARS

++

John Monson WB0PLW, AAA9EC

johnm@is.sprint.com
816-854-3015, Work hours (Missouri, Central Time)

Army MARS (Chief Staff Emergency Coordinator)

++

Chris Moore N6IYS

cmoore@cancun.rose.hp.com

I'm currently working on the following Unix and X-Windows applications
for ham radio:

Logger/Awards Tracker
Radio Remote Controller (for Icom, possibly others)

They are still in the works, but hope to have them done soon. I'm
also happy to answer questions about X-Windows in general to encourage
its widespread use in the ham community.

++

John Moore 7525 Clearwater Pkwy, Scottsdale, AZ 85253 USA
john@anasazi.com Amateur call:NJ7E Civil Air Patrol:Thunderbird 381
Voice: day or eve:(602) 951-9326 FAX:602-861-7642 (by prior arrangement)

Civil Air Patrol

Co-Host - Ham Radio and More

Ham Radio and More is available for free to any AM station that is
willing to run it with national ads intact. If you want there to be a
nationwide amateur radio talk show, call your local station and ask
them to get the program. They don't have to be part of the Talk America
network. They can call KFNN in Phoenix (602-241-1510) or Talk America at
508-460-0588.

See the entry for Scott Ehrlich for the Ham Radio and More World-Wide
Web Page.

++

Bob Myers KC0EW
Hewlett-Packard Co.
Ft. Collins, CO

myers@fc.hp.com

Antennas, Novice/Tech instruction, batteries, power supplies, RFI, equip.
testing/troubleshooting, FAQs, homebrewing. Basic theory questions also
welcome.

My particular interest is in antennas and transmission lines, but I'm
also more than willing to answer whatever I can in general radio theory,
propagation, analog and digital electronics, etc.. (I'm a display engineer
in "real life", have done my share of digital design, and have taught
communication electronics at the local community college. I'm also active
in some display and television standards activities.)

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(Continued in next part.)

1353. Amateur Radio: Elmers Resource Directory [N-Z]

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:40:49 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/n-z-1-791664044@gonix.com>
Source record: 252737
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/list/n-z
Posting-Frequency: posted on the 1st of each month

(Continued from previous part.)

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- N -
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Lyndon Nerenberg VE7TCP/VE6BBM

lyndon@canada.unbc.edu.

I'm heavily involved in Internet Protocol (IP) networking over packet,
as well as system administration of UNIX and UNIX-like operating systems
(with an emphasis on networking, E-mail, etc.).

Maintainer of the Internet DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@unbc.edu

with the following line in the message body:

subscribe DX Your Name

I also maintain an amateur radio related WWW page at:

http://canada.unbc.edu/radio/

It focuses primarily on Contesting, DXing, and technical matters.

++

Bob Nielsen, W6SWE Internet: w6swe@tapr.org
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
[44.124.12.16] AX.25: w6swe@wb7tls.az.usa.na

Tuscon Amateur Packet Radio (TAPR)

I am no longer a TAPR officer, but try to help out with the TAPR file
server and am the "official" contact person on the Internet and CompuServe
(71540,2364).

To access the TAPR file server, send E-mail to:

file-request@tapr.org

To get the help file and a list of available files, send the following commands in the body of the message:

help
dir
quit

All mail sent to that address is not read by a human. Conversely, mail sent to tapr@tapr.org is read by a human who will be glad to take your orders or process membership applications, but cannot send you file server files.

(See also John Ackermann and Howie Goldstein for more information about TAPR)

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- O -
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Dr. Barry L. Ornitz WA4VZQ
Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
Kingsport, TN 37662 615/229-4904
INTERNET: ornitz@emn.com

Part 15 Low-Power Broadcasting

Antennas (including expertise in computer modelling using MININEC and NIST modelling programs)

Instrumentation (my profession)

Chemistry advice related to Amateur Radio (corrosion, plating, PCB etching, disposal of wastes such as transformer oil, solvents and etching solutions, contact cleaners, toxic chemical exposure, etc.)

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- P -
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W. David (Dave) Paperman WQ5Y

wpaperman@msmail.his.tch.tmc.edu

P.O. Box 7039
Cut 'n Shoot, TX 77303-0039
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)

I have a collection of service information and literature dating back to the 1920's. I will be happy to assist those needing copies of out-of-copyright information for specific makes and models of receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of all types. Unfortunately I have not taken the time to catalog all this information, but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment, (and I have the information in my collection) I will research and copy it for you. Cost will vary depending on the time required to find the information and the amount of pages to be copied. I estimate 10 pages or less at $1.00/page including US postage. I will quote on larger manuals.

This is NOT my career or a business. Any requests must be prepaid or I will ship COD at additional postage costs.

++

Chris Peckham WG2W

cdp@hertz.njit.edu

Owner of Ham-Univ Mailing List for College and University Amateur Radio Clubs

To subscribe, send E-mail to listserv@listserver.njit.edu. In the body of the message, write:

SUBSCRIBE HAM-UNIV

and you should get an acknowledgement very shortly.

To post to the list, send mail to ham-univ@listserver.njit.edu. To unsubscribe, send mail to listserv again and put:

UNSUBSCRIBE HAM-UNIV

in the body.

For general help about the listserver, send "HELP." Problems that can't be solved any other way should be sent to my E-mail address above.

Remember to use ham-univ only for message posts and to keep the listserv updated with respect to your E-mail address (or lack thereof) to save work for those of us at the New Jersey Institute of Technology who have extended this service.

++

Ed Picha N9EP

n9ep@amsat.org

604 Hawthorne Lane
Carpentersville, IL 60110

home phone +1 708 428 3645
packet N9EP @ W9ZMR.IL

24 yrs of ham experience, 20 with Amateur Extra ticket
15 years of product and system design experience in 2-way land mobile
business
AMSAT area coordinator and "satellite elmer" for 4 years

Areas of interest/expertise:

* Satellites...everything about ham sats
* General HF, particularly getting new hams on the air.
* IBM PC...ham applications, using PC compatibles as ham "controllers"
* CW, both operation and teaching
* EME (I am a novice here, but can certainly helps interested folks get
started)
* General homebrewing

++

Thomas Planke, DL5ATP Planke@Systemtechnik.TU-Ilmenau.DE
Technical University of Ilmenau Phone: +49 3677/69-1465
http://www.systemtechnik.tu-ilmenau.de/tp.html

A World-Wide Web Server for the Technical University of Ilmenau is
available at:

http://www.systemtechnik.tu-ilmenau.de/ham.html

It offers many links to other related WWW Servers, an introduction to
amateur radio in German, QSL information, and a callbook for Taiwan.
A German callbook will be added as soon as the data is available
electronically.

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Dave Potter, K1MBO

potter@think.com

electronics theory, regulations, antennas and
transmission lines, operating practices.

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- Q -
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- R -
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Terrence R. (Terry) Redding WB5LMJ

DOMAIN: terry%red@lawton.lonestar.org
UUCP: . . . !rwsys!lawton!red!terry
PACKET: WB5LMJ @ WB5MJS.OK.USA.NA
Voice 405 536-8822, Ben's Place (Benjamin Franklin) BBS 536-6988 9p to 6a
PhD candidate, University of Oklahoma in Adult and Higher Education
Educational Advisor, American Radio Relay League
116 SW 75th Street, Lawton, Oklahoma 73505

I am primarily an adult educator conducting research in self-directed learning. I have been involved in the following activities:

- Teach licensing classes, since 1974.
- Organize clubs, Stuttgart Amateur Radio Club, Panama Canal Astronomy Club, Lawton Astronomy Club.
- Public speaking and publish on growth in volunteer organizations, marketing adult and higher education and teaching amateur radio courses.
- Research in adult learning theory, adult motivation and organizational theory.
- Conducted a SAREX activity that involve seven communities, 21 schools and 3,000 children.

I am primarily interested in assisting amateur radio clubs grow.

++

Tony Reeves
AB6GA
QTH Beach Area of So. Los Angeles
Torrance, Redondo Beach, Hermosa Beach, Manhattan beach

tony@hacgate.scg.hac.com

Novice training, local VE for Novice-Tech tests,
General questions

++

Peter Reynolds reynolds@stc.nato.int CompuServe: 100276,1340
voice: +31-70-314-2401 fax: +31-70-314-2111 radio: KE4BAD
Senior Scientist, Radio Branch, Communications Division
SHAPE Technical Centre, PO Box 174, 2501CD The Hague, The Netherlands

I am very lucky in that I earn my living in radio communications, so my expertise is fairly broad (but not focused on amateur techniques only):

Modulation types - FSK, PSK, MSK
Error control - various types of ARQ and FEC systems
RF - Antennas, HF propagation
Networking - TCP/IP over HF
Frequency bands: VLF, LF, HF, VHF, UHF, SHF

This is a very brief synopsis of the areas that I have dealt with over the years. I always enjoy discussing and researching a communications problem so if you don't see it listed above drop me a line anyway, especially if you happen to be in Europe.

++

James J. Richards

richardsjj@oa.frc.com

First-Class FCC Radiotelephone License

25 years of Public Safety Communications and Computer-
Aided Dispatch

Scanners - Digital Comm - Freqs - Business Band - Public Safety
MDT's - Fax - RTTY

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_________ _________ The
Scott Rosenfeld \ / Long Original
ham@wam.umd.edu Amateur Radio NF3I Burtonsville, MD | Live $5.00
WAC-CW/SSB WAS DXCC - 109 QSLed on dipoles _________| Dipoles! Antenna!

CW, HF DX, and QSLing

I'm by no means a QSL expert, and I don't even get the GO-list or have a
packet setup to get into the local packetcluster - but I'm always glad to
help out with practical QSLing tips. I still haven't been able to get
any cards out of ex-Soviet Asia, and I don't know that I ever will, to be
honest. Oh well, I'll just keep trying.

++

John Rymell N3PFF
ryme@bloomu.edu
Bloomsburg University
Bloomsburg, PA

Over 25 years in electronic/computer service work.
Enjoy designing, building and operating vacuum tube and
solid state equipment. Experienced in wire antenna and tuners,
SWL, and Amateur Radio. Have real enthusiasm for building
just about anything from next to nothing (:^)!
Glad to help those in need.

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- S -
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Stephen R. Salmon E-mail: steve@carlyle.com
Carlyle Systems, Inc. Phone: 415-345-2500
2000 Alameda de las Pulgas Fax: 415-349-3874
San Mateo, CA 94403

DXing - not Honor Roll, but about 200.

DXpeditioning (some) - did a single-handed one to North Cooks and Palmyra
in 1990

Marine operation

I'm a VE (Sunnyvale VEC) and help administer the tests about every two months
at the Berkeley Yacht Club. I also teach a novice class there every year or
two.

Reciprocal Licensing/Foreign Operation

(I've done some foreign operation, and plan to do more. I'm getting ready
for a circumnavigation/worldwide DXpedition).

73, Steve, AA6LF

++

Bob Salnick, Spokane,WA | USENET: oliveb!isc-br!tau-ceti!DejaVu!salnick
Amiga 1000, WB 1.3 | INTERNET: salnick@DejaVu.spk.wa.us
WA9BVE |

I can help people with HF stuff, cheap antennas, and am willing to help
troubleshoot problems with rigs.

I believe that one of the pillars of ham radio - construction/
understanding at the burn-your-hand-with-a-soldering-iron level - is
drifting out of ham radio. With Japanese radios which cost so much,
fewer and fewer hams are willing to risk their warranty to service their
own equipment. I would like to see a turn-around here...

++

Mark Salyzyn, VE6MGS mark@ve6mgs.ampr.ab.ca

Qualifications:

Repair Technician
Electrical Engineer (14+ years)
Advanced Amateur (Canadian) since 1988

Advice of value:

HF + VHF construction, homebrew, repair, circuitry, programming and mods
Operating Mobile
Packet Radio (Radio, TNC, AX.25, TCP/IP, UNIX NeXTSTEP)
NTS (Former Net Control for 80m CW Alberta Traffic Net for 3 1/2 years)
Canadian Tests, Rules and Regulations (At least I can do some legwork
if I don't know the answers.)
Antennas, Design and Installation
General Electronics, Repair, Diagnosis and Design
CW training
Having fun with Amateur Radio communications

Past Maintainer of Radio Amateurs on Usenet E-mail address directory

(still am an interested contact for this resource, though)

Raw Data:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/hams-on-usenet/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/hams-on-usenet/

Experimental Search Front-End:

http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
submissions, and administrivia to hamlist@esi.com.au or
hams-on-usenet@ve6mgs.ampr.ab.ca.

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Andrew Sargent N8OFS, AAN5HJT

andrews@fms.com
andrews@telemax.com

My primary interests include: 6M AM, 10GHz, 5.65-5.925 GHz, 3.3-3.5
GHz, the fact of being a No-Code is not a crime, 2M AM, 2M FM QRP SIMP,
packet radio experimentation, mobile operations, NTS, VHF Contesting,
and of course... Army Mars.

If your interested in Army MARS, e-mail me. If your interested in Air
Force or Navy MARS, e-mail me and I will send you a list of those
members which I have compiled. Try to decide, then let me know.

++

Nick Sayer <nsayer@quack.kfu.com> | "I don't mind shooting, so long
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM | as the right people get shot."
+1 408 249 9630, log in as 'guest' |
URL: http://www.kfu.com/~nsayer/ | -- "Dirty" Harry Calahan

HF RTTY/AMTOR, Decoding CHU
VHF Packet
Unix, especially SunOS
Network Time Protocol (NTP)
Class-C Bipolar Amplifier Design
Phased-Lock-Loop (PLL) Theory (except for loop filters)

++

Steve Schallehn, KB0AGD | Internet : steve@matt.ksu.ksu.edu
Kansas State University | UUCP : ..!rutgers!ksuvax1!ksuvm.bitnet!steve
Manhattan, Kansas 66506 | Bitnet : STEVE@KSUVM
Packet: KB0AGD @ K0VAY.#NEKS.KS.USA.NA

A contact for people with question about Kantronics packet
equipment. I am not affiliated with Kantronics, but know quite
a bit about them.

University Clubs (Member of Kansas State ARC, W0QQQ)

VHF/UHF Repeaters

++

Kenneth W. Schildt N4VSD, AAA9AT

n4vsd@mars.army.mil

Army MARS Internet/Milnet Host Administrator

Army MARS has established an E-mail host on the Internet. If you are an Army MARS member and have access to the Internet/Milnet, we would like to hear from you. Please send a message to register@mars.army.mil with your Army MARS call in the Subject line.

++

Paul W. Schleck KD3FU

pschleck@gonix.com

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie, FTP mail-servers, mailing lists, etc., etc.)

Club Activities, Examinations, and other events in the Omaha/ Lincoln/Council Bluffs (Eastern Nebraska/Western Iowa) area.

Also willing to provide newsreader kill/select file help to anyone interested in customizing their presentation of the rec.radio.* newsgroups

College Clubs

Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia to elmers-request@gonix.com.

++

Tony Schliesser, N8XJA
Internet: s003aps@desire.wright.edu
AMPRNET: n8xja@ag9v.ampr.org
Packet: N8XJA@N8XJA.#DAY.OH.USA.NOAM

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP numbers in Ohio to:

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

(See also John Ackermann)

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

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Tom Sefranek WA1RHP sefranek@osystems.com

Work: Home:
55 Old Bedford Rd. 112 Great Rd.
Lincoln, Ma. 01773 Shirley, Ma. 01464
Voice 1-617-259-4321 1-508-425-6672
FAX 1-617-259-3124

ARRL & W5YI VE, ARRL TS, ARRL Instructor/Elmer

Amplifiers
Antennas/Transmission lines
Battery/Solar Operation
Homebrewing/Do-it-Yourself
Mobile Operation
Power supplies
Repeater Building/Maintaining
RFI Consultant

I prefer E-Mail to answer questions, etc.
but feel free to call if you like.

++

Mike Shirley - WB6WUI mikey@slic.cts.com GEnie: SLIC
PO Box 460 Lakeside, CA 92040 USA PGP v2.1 Public Key Available

For archival information about ACC equipment, send E-mail to
acc-l-archives@slic.cts.com with "help" in the body of the message
or try my BBS at +1 619 390-7542 (390-SLIC).

(see also Monte Freeman KC4GPW)

++

Mike Silva KK6GM

mjsilva@ted.win.net

Stuff I know:

Antennas
Circuitry (analog, digital, RF, tubes, semiconductors)
Construction
CW
Operation (HF, VHF/UHF)
Finding Parts

++

Marty Squicciarini NR3Z

skitch@nadc.navy.mil

DX and Contesting
QSL'ing

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Terry Stader - KA8SCP/1, America Online Ham Radio Club Host

Internet: tstader@aol.com (Files/messages less than 27K)

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
ka8scp@ka8scp.ampr.org [44.56.4.82]

- registered ARRL Instructor (teaching for the last 6 years Novice/Tech classes with an 87% pass rate)
- Host of the America Online Ham Radio Club (like CompuServe only a LITTLE smaller!)
- President for 5 consecutive years of an ARRL Special Service Club (The Police Amateur Radio Team of Westford, MA - WB1GOF)
- ARRL Section Emergency Coordinator (SEC) for EMAS section
- Area 1 Communications Officer for the Massachusetts Emergency Management Agency (formerly Mass. Civil Defense Agency)
- Expertise with Apple // and Macintosh computers. (I have over 80 MB of Mac ham radio software available.) and ham-related
- Operate TCP/IP with Macintosh
- plus all around source of information about communications

Maintainer of Macintosh Amateur Radio Software List

ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

++

Bill Standerfer * Hewlett-Packard Company
CFI-A, IA, ME * VXI Systems Division
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * 303-679-2378

I'm certainly willing to be an Elmer if there's a need. I hope I've learned a few things since 1966 when I first went on the air. :-)
Here's a list of subjects I might be able to help with:

Combining amateur radio and flying
Antennas
Civil Air Patrol
General Operating Practices
Older (Tube) Equipment
Test Equipment and Measurements

++

Steve Sternitzke, NS5I

sds@sat.datapoint.com

I work with the W5YI-VEC organization ("official" title - assistant VEC) and I write the VE manuals for W5YI. Add my name to the list of people who are available to answer questions about volunteer exams, FCC policies (as related to hams), the licensing question pools, etc.

++

Dave Stine WA2JTA/6

dstine@cisco.com

My areas of expertise are:

- vacuum tube amps, receivers, exciters
- CW operating tips
- wire antenna tips, hints & kinks

++

David Stockton, GM4ZNX

dstock@hpqmola.sqf.hp.com

SWL since 1960
Licensed since 1984 (UK full class A)
Degrees in electronics&comms and digital techniques etc.
Currently senior design engineer doing RF design

Fairly broad interest in amateur radio (but not contests!)

Antennas, Transmission lines,filters from fundamental theory to practice
Receiver structures and circuits from simple to state of the art.
Transmitters, ATUs
Test equipment
Wide experience of troubleshooting/repairing equipment.
Professional experience of EMC/RFI
QRP
UK Operation and Licensing

My morse is flaky, but I keep working on it
No interest in contests
No interest in packet radio or in fixing computers

++

Ken Stuart, W3VVN
48 Johnson Road
Pasadena, Md. 21122
401-437-1758 (home)

kstuart@oasys.dt.navy.mil

via packet: W3VVN @ N3ETI.MD.USA

Have been licensed since '53, currently Advanced class. ARRL Technical
Advisor since '80 on Batteries and Power Supplies. You may have seen
my article in the Feb. '91 issue of QST on NiCads. Authored the rewrite
of the power supply chapter of the ARRL handbook in '85 when the new
format was generated (large page, versus the old small size). Most
of the stuff is still unmodified. Currently lecturing on battery
care and feeding to clubs in the Baltimore/Annapolis area.

I have been employed as a power supply design engineer for about the
last 25 years.

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- T -
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Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
1106 Rayburn Ct. K9ALD AFA3WG
Mahomet, IL 61853 Outdoor writer (Fishing)
217-586-4958 Skamania Reign Supreme!
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits,
linear amplifiers, troubleshooting, Internet questions and
software

Author of 1995 ARRL Handbook, Chapter 5 on Direct Current (DC)

Illinois Fishing Page at:

http://www.cba.uiuc.edu/~rtaylor/fish/fish.htm

++

Ren J. Tescher N0PVI Resume~
ren@ncar.ucar.edu AAS, Electronic Technology
Electronic Technician/Sysop AAS, Computer Systems Technology
Research Applications Program (RAP) 4 years consumer electronics repair
National Center for 2 years calibration lab and repair
Atmospheric Research (NCAR) 2 year unix sysop
Rm 2078 Bldg 2, 3450 Mitchell Ln. ethernet and serial cable
PO Box 3000, phased-array radar
Boulder, CO 80307 (303)497-8407 doppler weather radar
FAX (303)497-8401 PC's
He knows enough to be dangerous. non-freon appliance repair
dona nobis pacem strung interior phone lines, too!
***I will email at your request, morse code programs for the
Sun, IBM Basica, and SCO which I've saved off the net.***

++

Bob Tidd KJ6CS

inp@violet.berkeley.edu

Computerized DXCC databases and query software (written in
BSD-Unix compatible C) available on request. Would welcome ports
to IBM-PC or Macintosh.

++

Clark Savage Turner, Graduate Student Researcher
turner@safety.ics.uci.edu
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place

Irvine, CA. 92717 Irvine, CA. 92715
(714) 856 4049 (714) 856 2131

WA3JPG, QRP #3526
HHH WAS #489

Admitted to practice law in California, Massachusetts, and New York.
ARRL Volunteer Counsel

I would (have been doing it by default) be happy to be an Elmer in the area of older HF gear, especially QRP operation with Ten Tec Argonauts (and Power Mites, etc.). Also have experience with other 10-20 year-old economy HF rigs, particularly the Kenwood TS-520.

++

Paul Turvey, G1PJJ | Internet: paul@topsy.demon.co.uk
| Amprnet: paul@g1pjj.ampr.org
| AX25: g1pjj@gb7zaa.#34.gbr.eu

Maintainer of the uk.radio.amateur FAQ

Available from:

ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq

PKZIP'ed version available from:

ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq.zip

Please direct all FAQ submissions, feedback, and administrivia to ukfaq@topsy.demon.co.uk.

++
- U -
++
- V -
++

PrePRESS Johnathan Vail vail@prepress.pps.com (508) 262-8354
---------+ 900 Middlesex Turnpike Billerica Massachusetts 01821
solutions MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

Amateur TCP/IP

TAPR/9600 modem (putting some stuff together for a local repeater)

++

Jim Van Peursem - KE0PH

jvp@iastate.edu

Author of Savant, the packet radio communications program for the Apple Macintosh. For more information, consult Terry Stader's List of Macintosh Amateur Radio Software.

Also have a few years experience in Unix (especially HP-UX) and system
administration.

++

Frank E. van Vliet PA3FAQ

vanvliet@dutette.et.tudelft.nl

I am willing to answer questions about:

FILTERS integrated,
distributed,
lumped,
active etc.

MICROWAVES designing power amplifiers,
low noise amplifiers,
mixers etc.

(Email questions are preferred)

Frank E. van Vliet :-)
Delft University of Technology
Faculty of Electrical Engineering
Postbus 5031
2600 GA DELFT
The Netherlands

++
- W -

++

========== round up the usual disclaimers! ==========
=Bob Wier WB5KXH - wier@merlin.etsu.edu - keeper of the
Adobe Photoshop, Motorola HC11,
and ICOM radio mailing lists.

The HC11 mailing list also encompasses discussion about the HC16.

To subscribe, send E-mail to mc68hc11-request@hipp.etsu.edu

The ICOM list is for not only Ham, but SWL, Scanning, and
Global Positioning System (GPS) equipment as well.

To subscribe, send E-mail to icom-request@hipp.etsu.edu

++

Lou Williams (nsyslaw@acs.ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: (919) 515-2794
NCSU Administrative Computing Services | FAX: (919) 515-3787

Personal URL: http://www.acs.ncsu.edu/~nsyslaw/

Maintainer of the Ham Radio Web Server:

http://www.acs.ncsu.edu/HamRadio/

Please direct all submissions, feedback, and administrivia to my
E-mail address above.

++

Paul Williamson KB5MU

kb5mu@amsat.org

I'm not the author of InstantTrack itself, but I was extensively
involved in its testing. I'm the author of OrbitDRV (the tracking TSR
that comes with InstantTrack) and a number of other InstantTrack
auxilliary programs.

AMSAT-NA (the Radio Amateur Satellite Corporation in North America)
operates the Internet host AMSAT.ORG to provide for efficient
communications between people interested in the amateur satellite
program. At this time two services are provided: a message remailing
service and a mailing list service.

In the future, an archive of files will be accessible by anonymous
ftp or possibly by email. In the meantime, check the FTP site:

ftp://ftp.ucsd.edu/hamradio/

for AMSAT-related files. Consult your local guru for help on using
anonymous ftp.

The message remailing service permits users to send each other mail
on the Internet without keeping track of each other's Internet
address. The remailing service allows each user to receive mail sent
to the address callsign@amsat.org, where callsign is that user's
amateur radio callsign, or other unique identifier. Mail sent to
that address will be routed first to the AMSAT.ORG host at UCSD in
San Diego, then remailed from AMSAT.ORG to the network address
specified by the user. In most cases, this process delays the
message by only a very few minutes.

The mailing list service groups subscribers into mailing lists to
receive certain types of messages. There are public mailing lists
available to anyone, and private mailing lists available only to
certain people (for example, AMSAT Board of Directors members or
PACSAT command stations). Currently the following public mailing
lists exist:

ANS AMSAT News Service

This mailing list carries official news releases from
the AMSAT News Service. These messages are posted in
a form suitable for direct posting to a packet radio
BBS system. Each message contains a Bulletin Identifier
(BID), which permits the message to be introduced into
the packet network at many places without resulting in

duplicate bulletins at any BBS. The primary purpose of this mailing list is to distribute ANS bulletins for redistribution (via the packet net or on AMSAT voice nets), but individuals may also subscribe for their own use. If your local packet BBS doesn't seem to get the ANS bulletins reliably, you are encouraged to post the ANS bulletins yourself.

Only authorized AMSAT News Service personnel should send messages to the ANS mailing list.

AMSAT-BB AMSAT bulletin board

This mailing list carries general AMSAT information. This information may NOT be suitable in content for transmission via amateur radio, so automatic reposting of AMSAT-BB messages to packet radio BBS's is discouraged. The purpose of this mailing list is to provide a forum for general discussion of any satellite-related topic.

Anyone may send messages to the AMSAT-BB mailing list. Simply address your message to amsat-bb@amsat.org, and it will be automatically forwarded to all subscribers to the AMSAT-BB mailing list.

Editors of publications should ask permission of the sender before publishing anything seen in AMSAT-BB elsewhere, unless the posting was obviously a public press release. However, posters should realize that anything posted to AMSAT-BB is essentially public.

KEPS Keplerian Elements mailing list

This mailing list carries official postings of Keplerian element sets for satellites of interest to radio amateurs. Like the ANS bulletins, these messages are posted in a form suitable for direct posting to a packet radio BBS.

Only authorized AMSAT News Service personnel should send messages to the KEPS mailing list.

NASAINFO NASA related information mailing list

This mailing list contains information about current and planned NASA space missions. Be forewarned: at times this mailing list delivers many large messages.

SAREX Shuttle Amateur Radio Experiment mailing list

This mailing list contains information and press releases pertaining to SAREX missions.

To obtain any of these services, just send a message to the address

listserv@amsat.org

This address may be reached from CompuServe MAIL as:

>INTERNET:listserv@amsat.org

For the moment, the maintenance of the AMSAT.ORG mailing lists and remailing aliases is done manually. Later, this service will probably be automated and you will have to follow a strict message format. For now, you may send requests in free format. They will usually be processed within a few days. In general, you will not receive an explicit reply to your request. Be sure you specify:

1. Which mailing list(s) you want to receive

2. Your callsign, if any

3. The Internet address to be used, if different from the one in your From: header.

You should not send messages about your subscriptions to any of the mailing lists. Send them to listserv@amsat.org instead. This includes questions, requests for changes, requests for information about mailing services, and complaints.

The list of amateurs who may be reached via the message remailing service may be obtained by requesting the "address book". Note that the address book as distributed contains only the callsigns of the available addressees, not their actual Internet addresses. The address book is updated occasionally, and does not necessarily contain the very latest information.

You may request to be added to the list, to be deleted from the list, or to have your Internet address changed on the list. Please include your callsign if you have one. If you don't have a callsign, that's OK, but please say so. If you have more than one Internet address you want to have available on the AMSAT.ORG remailer, you may so specify. For instance, if you have a regular Internet address and a CompuServe account, you may appear in the address book as both w1xyz and w1xyz-cis. Mail sent to w1xyz would go to your Internet address, and mail sent to w1xyz-cis would go to CompuServe. MCImail accounts have the form w1xyz-mci, and so on.

You may also subscribe or unsubscribe to any of the public mailing lists described above. Send a message to listserv@amsat.org, specifying clearly which mailing list(s) you want to add or drop, and giving your callsign if you have one. When you subscribe to a mailing list, you will automatically be added to the remailing service as well, because the mailing lists are maintained by callsign. If you have more than one address listed in the remailing service, please indicate which one(s) you want the mailing list messages sent to.

Additional mailing lists, public or private, can be set up as needed. Send mail to listserv@amsat.org for details.

Questions about any service offered by AMSAT.ORG may be directed to
listserv@amsat.org as well.

++

Areas of Interest: ARES/RACES, Emergency Comm, and ARRL
Field Organization.

73's de Steve Wilson, KA6S

SCV Section Manager
813 Berryessa St.
Milpitas, Ca 95035

Hm (408)946-7410 Wk (408)473-2580
stevew@netcom.com

++

Bob Witte HP Colorado Springs Division
bobw@col.hp.com P.O. Box 2197
Phone:(719) 590-3230 Colorado Springs, CO 80901
Radio: KB0CY
"There is no such thing as ground."

Mobile
RFI
Equipment Testing (instrumentation)
Repeaters
VHF/UHF (including mountaintopping/portable operation)

++

John F. Woods WB7EEL

jfw@ksr.com

Maintainer of My List of Mail Order Electronics Companies

Available from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/mail_order
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

++
- X -
++
- Y -
++

Conway Yee N2JWQ
yee@mipg.upenn.edu
2144 East 21 Street
Brooklyn, New York 11229

Maintainer of the Universal and Free Listing of Repeaters for Radio Amateurs

This listing with all the data is available for anonymous FTP from:

ftp://mipg.upenn.edu/pub/yee/rptr010.Z

An experimental search and submission front-end is available at:

http://www.acs.ncsu.edu/HamRadio/scripts/repeaterdb.perl

As far as I am aware, all the data is freely redistributable and my
intent is to make sure it stays that way. For this reason, I have
applied the GNU General Public License.

The repeater project will now include repeaters from ALL bands and
is not limited to the US. This reflects the intent to make this
directory universal.

Contributions of data may be made by anonymous ftp to:

ftp://mipg.upenn.edu/pub/yee/uploads/

or via email to yee@mipg.upenn.edu

The data format has not been changed from the old format so
contributions that you were planning to make (prior to my recent
troubles) are still current and most welcome. This repeater listing
will be of use if people take an active part in making it accurate and
useful.

++
- Z -
++

Martin A. Zurn IK2RMZ, DL1GBZ

Home QTH: v. Fermi 10, 21027 Ispra (VA) Italy
(Northern Italy near Swiss Border)
Position: Lat 45d49m N Long 8d38m E WW-Loc: JN45ht
On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy
E-mail at work: martin.zurn@jrc.it

Expertise:

Technical: Elbugs (incl. features like dot/dash memories, squeezing,
touch sensors, auto spacing) Antennas used: Windom, Delta Loop, Trap
Dipole, Marconi wire.

Operational: CW Operator since 1981, QRP Operation, Traffic
handling nets (NTS, Swedish QTC nets) CW operating in several West
European languages (Ham radio shorts, use of foreign CW characters in
Italian, German, French, Spanish, and Swedish). QSLing (How to design a
QSL that satisfies award hunters and operators of the QSL buro)

Club life: Mbr of AGCW, UFT, GQRP, HSC, VHSC, SMHSC, SCAG,...

Admin: License Regulations in Italy and Germany

Mathematics: Spherical Trigonometry, beam headings, calculation of sunset/sunrise times, etc.

++

End of Directory

1354. Amateur Radio: Changes to Elmers Resource Directory

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:40:54 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/diff-1-791664047@gonix.com>
Source record: 252738
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/diff
Posting-Frequency: posted on the 1st of each month

(Note: This difference file is taken from the list body only.)

/bin/diff -c (last month's) (this month's)

*** /usr3/pschleck/faq/elmers/list.body.old Wed Feb 1 12:31:22 1995
--- /usr3/pschleck/faq/elmers/list.body.new Wed Feb 1 12:31:29 1995
***************
*** 1,9 ****
! Amateur Radio Elmers Resource Directory (as of 01/01/95)
++++++++++++++++++++++++++++++++++++++++++++++++++++++++
- A -
++++++++++++++++++++++++++++++++++++++++++++++++++++++++

! John Ackerman AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

--- 1,9 ----
! Amateur Radio Elmers Resource Directory (as of 02/01/95)
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- A -
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! John Ackermann AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

***************
*** 30,36 ****
Apart from subscribing to the list, you can contact me for further details
about the Net-SIG (including upcoming conferences).

! (See also Bob Nielsen for more information about TAPR)

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

--- 30,36 ----
Apart from subscribing to the list, you can contact me for further details
about the Net-SIG (including upcoming conferences).

! (See also Howie Goldstein and Bob Nielsen for more information about TAPR)

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)
```

****
*** 162,204 ****

PO Box 515
Millbury, MA 01527-0515

! ATTENTION RADIO NEWCOMERS!

! Are you interested in radio communications but don't have
! enough information? Do you have questions but no one to
! ask? Are you looking for a publication geared toward the
! novice radio enthusiast?
!
! ***** FIRST CONTACT *****
!
! "First Contact" is a newly forming publication. An
! electronically distributed email newsletter via the Internet
! for the beginner. Here is a forum to get the information
! you're craving. Get involved in this fascinating hobby!
! Scanning, ham radio, shortwave listening, CB radio,
! General Mobile Radio System (GMRS), etc. will all be
! covered.
!
! You input is essential to the success of this publication. I
! need to know what you want to know and what subjects
! you want covered in the newsletter. I will attempt to
! publish on a monthly basis, possible bi-weekly if there is
! enough interest.
!
! The only "cost" on your part is to fill out a subscription form
! completely (E-mail for a copy). A classified section is being
! contemplated with a small fee to advertise. Hard copies
! will be available to those without email access. Please
! contact me for details.
!
! Everyone is welcomed to subscribe whether you've never
! turn on a radio or whether you're an old-timer. I am
! looking for authors to contribute short articles on the
! subjects you request.
!
! So let's get "First Contact" off to a good start! Get your
! radio information via email. Subscribe NOW!

++

--- 162,200 ----

PO Box 515
Millbury, MA 01527-0515
+ Experience:
+ * Computer Networking Hardware Technical Engineer (Yuck!)
+ * Computer Education and Technology Consultant (PC/Mac HW & SW)
+ * K-12 Computer Educator/Instructor/Technician in a public school

```
+ + Two-way Radio Consultant
+ + NetRead(tm) author (Articles via Internet)
+
+ ---------------------------------
+ * present occupation(s)
+ + on demand/when necessary
+ ---------------------------------
+
+ Interests:
+ VHF/UHF simplex
+ Duplex and simplex repeaters
+ Remote Bases
+ 6M - AM/SSB/FM
+ 2M - AM/SSB/FM/Packet
+ 440 Mhz FM
+ Would try 1.2GHz if there was any local activity!
+ VHF/UHF QRP
+ Fixing radios old and new
+ Setting up a packet radio file server (ROSErver)
+ Internet - Usenet newsgroups, FTP, etc...
+ Scanners, SWL, and making CB radio useful again
+ PC and Mac computers - hardware and software
+ Communications for neighborhood crime watches
+ Caching radio equipment for that *special* occasion

! --------------------------------

! Please feel free to contact me either by email or
! US Mail. Will be happy to share the knowledge!

++++++++++++++++++++++++++++++++++++++++++++++++++++++++

***************
*** 376,384 ****

++++++++++++++++++++++++++++++++++++++++++++++++++++++++

! John Brewer WB5OAU
!
! brewer@anarky.enet.dec.com

Wire antennas, restoration, operation and parts/tubes supplies
for most 40's-70's vintage gear.
--- 372,379 ----

++++++++++++++++++++++++++++++++++++++++++++++++++++++++

! John M. Brewer WB5OAU "there's a reason the reset button
! johnb@thelair.zynet.com on a PC is on the front panel."

Wire antennas, restoration, operation and parts/tubes supplies
for most 40's-70's vintage gear.
***************
```

*** 417,436 ****
- C -
++

- Diana L. (Syriac) Carlson
- Hudson, NH
- dls@genrad.com
- KC1SP
-
- QSL Bureaus (how to use them)
- Volunteer Examiner Service (how to become one)
- Macintosh Hamstacks (available from
- ftp://vixen.cso.uiuc.edu/pub/ham-radio/
-)
- Civil Air Patrol
-
- ++
-
Robert (Bob) Carpenter W3OTC

rc@cmr.ncsl.nist.gov
--- 412,417 ----
****
*** 446,454 ****

++

! 73 de Rusty Carruth, N7IKQ P.O. Box 27001, Tempe, AZ 85285
! (602) 870-3330 !'s:{ames!ncar!noao!asuvax,mcdphx}!anasaz!rusty
! @'s: rusty@anasazi.com LastResort: rusty%anasaz.UUCP@asuvax.eas.asu.edu
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting
--- 427,435 ----

++

! Rusty Carruth aka N7IKQ aka rusty@indirect.com
! Broken: rusty@descomp.com
! The Phoenix Linux User's group has formed! Details: me.
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting
****
*** 470,476 ****

Mark Cheeseman VK2XGK

! cheese@asstdc.oz.au

Maintainer of the aus.radio FAQ

--- 451,457 ----

Mark Cheeseman VK2XGK

! cheese@asstdc.com.au

Maintainer of the aus.radio FAQ

****
*** 604,609 ****
--- 585,592 ----

Rev. Michael P. Deignan KD1HZ

+ md@pstc3.pstc.brown.edu
+
A new ham-radio archive site and callsign server center has been set up
on the Internet.

****
*** 750,756 ****
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
! n5op@n5op.ampr.org

I'm the Technical Coordinator for the Colorado Section.
Areas of expertise:
--- 733,739 ----
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
! n5op@wa8zia

I'm the Technical Coordinator for the Colorado Section.
Areas of expertise:
****
*** 798,810 ****

++

! Scott Ehrlich, Amateur Radio Callsign: WY1Z
! How to reach me: wy1z@neu.edu [Internet], wy1z@wa1phy.ma [Packet]
! Boston ARC FTP archives: ftp://oak.oakland.edu/pub/hamradio/
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
!
! I've played around with Mac and PC hardware, as well as dabbing a
! little with DOS, UNIX, MacOS, with a tad of VMS operating systems.

I co-maintain the Boston Amateur Radio Club anonymous FTP file archives
with Phil Temples, K9HI (k9hi@netcom.com).
--- 781,790 ----

++

! Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
! Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

! ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

I co-maintain the Boston Amateur Radio Club anonymous FTP file archives
with Phil Temples, K9HI (k9hi@netcom.com).
****
*** 1008,1018 ****
++

Howard Goldstein | "Civilization is the distance man | imotion@iu.net
! InfoMotion, Inc. | has placed between himself and | CIS:75006,702
! | his excreta" Aldiss |
http://iu.net/infomotion/hghome.html
"What doesn't kill me makes me stronger" Lisa

Packet Radio and TAPR are on the World-Wide-Web!

InfoMotion is proud to sponsor a series of web pages dedicated to Packet
--- 988,1003 ----
++

Howard Goldstein | "Civilization is the distance man | imotion@iu.net
! N2WX | has placed between himself and | CIS:75006,702
! InfoMotion, Inc. | his excreta" Aldiss |
http://iu.net/infomotion/hghome.html
"What doesn't kill me makes me stronger" Lisa

+ Wrote and maintain TAPR TNC-2 firmware (and some clones)
+ " " " TAPR and Packet Radio WWW Home Pages
+ Active on CW (NCS for Fri. Florida section net "QFN") and packet NTS
+ ARRL volunteer counsel (Florida _only_)
+
Packet Radio and TAPR are on the World-Wide-Web!

InfoMotion is proud to sponsor a series of web pages dedicated to Packet
****
*** 1026,1032 ****

http://bb.iu.net/infomotion/taprhome.html

-
What's here? A page of links (the Home Page), the TAPR Home Page, a page of
Packet Pioneers and Contacts, a hypertext packet primer and FAQ, and more.

--- 1011,1016 ----
****
*** 1034,1048 ****
on how to make the series more useful. All ideas welcome, please send them
to my E-mail address above.

++

Jim Graham

! #include <std_disclaimer.h> 73 DE N5IAL (/4)
! ---
! INTERNET: jim@n5ial.mythical.com | j.graham@ieee.org ICBM: 30.23N 86.32W
! AMATEUR RADIO: n5ial@w4zbb (Ft. Walton Beach, FL) AMTOR SELCAL: NIAL
! ---
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I wrote
--- 1018,1032 ----
on how to make the series more useful. All ideas welcome, please send them
to my E-mail address above.

+ (See also John Ackermann and Bob Nielsen for more information about TAPR)
+
++

Jim Graham

! 73 DE N5IAL (/4) MiSTie #49997 < Running Linux 1.0.9 >
! jim@n5ial.mythical.com ICBM: 30.23N 86.32W
! || j.graham@ieee.org Packet: --OFFLINE-- (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I wrote
****
*** 1055,1084 ****
small spaces.

++
-
- KJ6NN
- Philip Graham
- 723 Berkshire Place
- Milpitas, CA 95035
-
- EMAIL: phil@ncd.com
-
- My skills are listed below in no special order
- - PC RFI reduction (Wrote a chapter for the new ARRL RFI BOOK)
- - Repeaters (How to put one up)
- - Repeaters (How to use one, without making others mad)
- - 1.2 GHz (My repeater is on this band)
- - VHF packet only (I hate HF packet)
- - HF DX
- - HF AMTOR, RTTY, ASCII
- - Putting up a tower and/or HF beam
-
- ++
- H -
++

! Dan Halbert, KB1RT
! halbert@crl.dec.com

QTH: West Newton, MA, near Boston.

--- 1039,1050 ----
small spaces.

++
- H -
++

! Dan Halbert KB1RT
!
! halbert@world.std.com

QTH: West Newton, MA, near Boston.

****
*** 1102,1108 ****

ATV - Getting started, starting local activity, repeaters.
VHF/UHF - Propagation, what you need to get started, operating portable,
! contesting, DX.

Sealed Lead Acid Batteries - How to take care of them.

--- 1068,1074 ----

ATV - Getting started, starting local activity, repeaters.
VHF/UHF - Propagation, what you need to get started, operating portable,
! contesting, weak signals, and DX.

Sealed Lead Acid Batteries - How to take care of them.

****
*** 1201,1266 ****

++

! Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

! Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
! P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving
! Brentwood, TN 37024|Fax: (615) 459-0038| Life Member - ARRL
! root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"
!
! Mobile Antenna Systems and Installation
!
! An FAQ list for the rec.radio.amateur.antenna newsgroup is being
! contemplated. Please direct all submissions, feedback, and administrivia
! to my E-mail address above. Volunteer co-editors are most welcome.
!
! BOATANCHORS CHANGEOVER RELAY GOES "KER-CHUNK"!!!
! --
!
! Greetings and welcome to the new and improved (but still vintage)
! "boatanchors" mailing list. An automated list manager should help

! things run more smoothly for everyone while still providing the same
! outstanding signal-to-noise ratio we have enjoyed since the list's
! beginning.
!
! I have agreed to provide a new home for the list, with the blessings
! of Paul Prescott N1AAC who took over from Our Esteemed Founder Jim
! Lockwood KM6NK.
!
! NOTE - You need not re-subscribe or take any special action other than
! noting the new addresses listed below. The subscription list was moved
! intact from the old mit.edu site and you are already on it if you got
! this message.
!
! Subscribers of the satellite list on boatanchors@beacons.cts.com will
! also be moved to this new address.
!
! The new mailing list address is now

boatanchors@ThePorch.com.

! Use this now for messages of general interest to the entire group
! Please don't use it to subscribe, change address, etc.
!
! The new automated list manager address is

ListProc@ThePorch.com

! Use this for subscribing, unsubscribing, getting archived info,
! getting the FAQ message, changing your address, etc.
! Now send a message to ListProc@ThePorch.com with just
! HELP in the body to get info on how to do this.
!
! The new list owner address is

ListOwn@jackatak.ThePorch.com

! Use this address only when there is a problem which really
! truly can't be resolved otherwise.

++

---- ----
! | / /_ __\ | Disk Stephen Holmstead All comments (c)1994
| | / / /_/ | | Memory ...!hplabs!hpdmd48!stephen Opinions are mine,
|___\ / /___| Division stephen@mail.boi.hp.com not my employer's.

--- 1167,1216 ----

++

! Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

! Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
! P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving

! Brentwood, TN 37024 |Fax: (615) 459-0038| Life Member - ARRL
! root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"
!
! Mobile Antenna Systems and Installation (Primarily HF)
! - power distribution
! - frame grounding
! - antenna selection and construction
! - mounting the rig
! - useful accessories
! - Keeping it Simple (avoiding task overload)
!
! Coordinator for developing the FAQ list for the rec.radio.amateur.antenna
! newsgroup. Please direct all submissions, feedback, and administrivia to
! my E-mail address above. Volunteer co-editors are most welcome.
!
! I have agreed to provide a new home for the "Boat Anchor" mail list,
! with the blessings of Paul Prescott, N1AAC, who took over from Our
! Esteemed Founder Jim Lockwood, KM6NK.

+ The new mailing list address is now
boatanchors@ThePorch.com.

! Use this address for messages of general interest to the entire group
! Please don't use it to subscribe, change address, etc.

+ The new automated list manager address is
ListProc@ThePorch.com

! Use this for subscribing, unsubscribing, getting archived info,
! getting the FAQ message, changing your address, etc.

+ The new list owner address is
ListOwn@jackatak.ThePorch.com

! Use this address only when there is a problem which really
! truly can't be resolved otherwise.

++
____ ____
! | / /_ __\ | Disk Stephen Holmstead N7TQL All comments (c)1994
| | / / /_/ | | Memory ...!hplabs!hpdmd48!stephen Opinions are mine,
|___\ / /___| Division stephen@mail.boi.hp.com not my employer's.

****
*** 1320,1327 ****

Michael S. Keller AB5EL

! mkeller@flp.mhs.compuserve.com (work)
! 71620.447@compuserve.com (personal, checked far less often)

Areas of particular knowledge:

--- 1270,1276 ----

Michael S. Keller AB5EL

! 71620.447@compuserve.com

Areas of particular knowledge:

****
*** 1567,1576 ****
larson@net.com
larson@w6yx.stanford.edu

! My areas are fairly general, and I teach classes
! (Novice, with code, and upgrade sessions) at W6YX. My
! main audience is to the Stanford (University)
! community.

++

--- 1516,1527 ----
larson@net.com
larson@w6yx.stanford.edu

! My areas are fairly general, and I teach classes (Novice and
! Tech, with and without code, and upgrade sessions) at W6YX.
! My main audience is to the Stanford (University) community.
!
! I am also involved with some less common modes, such as
! fast scan television and weak signal VHF and UHF.

++

****
*** 1621,1627 ****
Feel free to stop by and have a look:

ftp://ftp.qrz.com/
! http://www.qrz.com/ (WWW interface to the FTP archive as well as an
Callsign database server)

++
--- 1572,1578 ----
Feel free to stop by and have a look:

ftp://ftp.qrz.com/
! http://www.qrz.com/ (WWW interface to the FTP archive as well as a
Callsign database server)

++
****
*** 1630,1636 ****

Joel Magid WU1F

! magid@wrksys.enet.com

ARES/RACES
Novice Instruction
--- 1581,1587 ----

Joel Magid WU1F

! magid@enet.com

ARES/RACES
Novice Instruction
****
*** 1662,1667 ****
--- 1613,1619 ----
P.O. Box 44563 Fax : +1-602-956-2566
Phoenix, Arizona BBS : +1-602-912-0225
85064-4563
+ daniel.meredith@aznetig.stat.com

Arizona Amateur Radio VHF/UHF Digital Coordinator

****
*** 1753,1774 ****

++

- Tom Moore K1KAY
-
- [no E-mail address at this time]
-
- home phone: (508) 840-6843
-
- QSX: Fitchburg 145.45 MHz
- Harvard 145.41 MHz
- 6m AM 50.40 MHz
-
- Junque-box specialties
- old conversions vhf-oriented
- shoulder to cry (or laugh) on
-
- ++
-
Bob Myers KC0EW
Hewlett-Packard Co.
Ft. Collins, CO
--- 1705,1710 ----
****
*** 1842,1847 ****
--- 1778,1786 ----
orders or process membership applications, but cannot send you
file server files.

+ (See also John Ackermann and Howie Goldstein for more information about
+ TAPR)
+

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++
- O -
++++++++++++++++++++++++++++++++++++++++++++++++++++++
***************
*** 1899,1904 ****
--- 1838,1875 ----

++++++++++++++++++++++++++++++++++++++++++++++++++++++

+ Chris Peckham WG2W
+
+ cdp@hertz.njit.edu
+
+ Owner of Ham-Univ Mailing List for College and University Amateur
+ Radio Clubs
+
+ To subscribe, send E-mail to listserv@listserver.njit.edu. In the
+ body of the message, write:
+
+ SUBSCRIBE HAM-UNIV
+
+ and you should get an acknowledgement very shortly.
+
+ To post to the list, send mail to ham-univ@listserver.njit.edu. To
+ unsubscribe, send mail to listserv again and put:
+
+ UNSUBSCRIBE HAM-UNIV
+
+ in the body.
+
+ For general help about the listserver, send "HELP." Problems that
+ can't be solved any other way should be sent to my E-mail address
+ above.
+
+ Remember to use ham-univ only for message posts and to keep the
+ listserv updated with respect to your E-mail address (or lack thereof)
+ to save work for those of us at the New Jersey Institute of Technology
+ who have extended this service.
+
+ ++++++++++++++++++++++++++++++++++++++++++++++++++++++
+
Ed Picha N9EP

n9ep@amsat.org
***************
*** 1963,1969 ****
Voice 405 536-8822, Ben's Place (Benjamin Franklin) BBS 536-6988 9p to 6a
PhD candidate, University of Oklahoma in Adult and Higher Education
Educational Advisor, American Radio Relay League
! 221 SW Crystal Hills Drive, Lawton, Oklahoma 73505
```

I am primarily an adult educator conducting research in self-directed
learning. I have been involved in the following activities:
--- 1934,1940 ----
Voice 405 536-8822, Ben's Place (Benjamin Franklin) BBS 536-6988 9p to 6a
PhD candidate, University of Oklahoma in Adult and Higher Education
Educational Advisor, American Radio Relay League
! 116 SW 75th Street, Lawton, Oklahoma 73505

I am primarily an adult educator conducting research in self-directed
learning. I have been involved in the following activities:
****
*** 1984,1990 ****
++

Tony Reeves
! KK6XC
QTH Beach Area of So. Los Angeles
Torrance, Redondo Beach, Hermosa Beach, Manhattan beach

--- 1955,1961 ----
++

Tony Reeves
! AB6GA
QTH Beach Area of So. Los Angeles
Torrance, Redondo Beach, Hermosa Beach, Manhattan beach

****
*** 2050,2057 ****
Bloomsburg University
Bloomsburg, PA

! Have over 25 years in electronic/computer service work, antennas, SWL,
! and a love of building just about anything from next to nothing (:^)!
Glad to help those in need.

++
--- 2021,2031 ----
Bloomsburg University
Bloomsburg, PA

! Over 25 years in electronic/computer service work.
! Enjoy designing, building and operating vacuum tube and
! solid state equipment. Experienced in wire antenna and tuners,
! SWL, and Amateur Radio. Have real enthusiasm for building
! just about anything from next to nothing (:^)!
Glad to help those in need.

++
****
*** 2104,2137 ****
Qualifications:

Repair Technician
! Electrical Engineer (11+ years)
Advanced Amateur (Canadian) since 1988

Advice of value:

HF + VHF construction, homebrew, repair, circuitry, programming and mods
Operating Mobile
! Packet Radio (Radio, TNC, AX.25, TCP/IP)
! NTS (Net Control for 80m CW Alberta Traffic Net for 3 1/2 years)
! Canadian Tests, Rules and Regulations
Antennas, Design and Installation
General Electronics, Repair, Diagnosis and Design
CW training
Having fun with Amateur Radio communications

! Maintainer of Radio Amateurs on Usenet E-mail address directory

Raw Data:

! http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/hams-on-usenet/
! ftp://rtfm.mit.edu/pub/usenet/radio/rec-radio-info/hams-on-usenet/

Experimental Search Front-End:

http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
! submissions, and administrivia to hams-on-usenet@ve6mgs.ampr.ab.ca.

++

--- 2078,2115 ----
Qualifications:

Repair Technician
! Electrical Engineer (14+ years)
Advanced Amateur (Canadian) since 1988

Advice of value:

HF + VHF construction, homebrew, repair, circuitry, programming and mods
Operating Mobile
! Packet Radio (Radio, TNC, AX.25, TCP/IP, UNIX NeXTSTEP)
! NTS (Former Net Control for 80m CW Alberta Traffic Net for 3 1/2 years)
! Canadian Tests, Rules and Regulations (At least I can do some legwork
! if I don't know the answers.)
Antennas, Design and Installation
General Electronics, Repair, Diagnosis and Design
CW training
Having fun with Amateur Radio communications

! Past Maintainer of Radio Amateurs on Usenet E-mail address directory
!
! (still am an interested contact for this resource, though)

Raw Data:

!
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/hams-on-usenet/top.html
! ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/hams-on-usenet/

Experimental Search Front-End:

http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
! submissions, and administrivia to hamlist@esi.com.au or
! hams-on-usenet@ve6mgs.ampr.ab.ca.

++

****
*** 2193,2199 ****

++

! Paul W. Schleck, KD3FU

pschleck@gonix.com

--- 2171,2177 ----

++

! Paul W. Schleck KD3FU

pschleck@gonix.com

****
*** 2209,2218 ****

College Clubs

- Ham-Univ mailing list for college clubs has found yet another new
- home at the New Jersey Institute of Technology. E-mail for
- subscription information.
-
Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia
--- 2187,2192 ----
****
*** 2234,2240 ****

which is a mailing list read by a team of coordinators.

! (See also John Ackerman)

[Editor's note: All ampr.org coordinators are listed in the document
at:
--- 2208,2214 ----

which is a mailing list read by a team of coordinators.

```
! (See also John Ackermann)

[Editor's note: All ampr.org coordinators are listed in the document
at:
***************
*** 2245,2265 ****

++++++++++++++++++++++++++++++++++++++++++++++++++++++

! Tom Sefranek WA1RHP

! sefranek@osystems.com

! ARRL & W5YI VE, ARRL TA, ARRL Instructor/Elmer

- Power supplies
- Antennas/Transmission lines
Amplifiers

! I don't have as much spare time as I did at MIT,
! but I can (via E-Mail) answer questions, etc.
!
! I'm also on 24 hrs as wa1rhp@wa1rhp.ampr.org (TCP/IP)
! wa1rhp%wa1phy@switch.bedford (AX.25)

++++++++++++++++++++++++++++++++++++++++++++++++++++++

--- 2219,2245 ----

++++++++++++++++++++++++++++++++++++++++++++++++++++++

! Tom Sefranek WA1RHP sefranek@osystems.com

! Work: Home:
! 55 Old Bedford Rd. 112 Great Rd.
! Lincoln, Ma. 01773 Shirley, Ma. 01464
! Voice 1-617-259-4321 1-508-425-6672
! FAX 1-617-259-3124

! ARRL & W5YI VE, ARRL TS, ARRL Instructor/Elmer

Amplifiers
+ Antennas/Transmission lines
+ Battery/Solar Operation
+ Homebrewing/Do-it-Yourself
+ Mobile Operation
+ Power supplies
+ Repeater Building/Maintaining
+ RFI Consultant

! I prefer E-Mail to answer questions, etc.
! but feel free to call if you like.

++++++++++++++++++++++++++++++++++++++++++++++++++++++

***************
*** 2300,2307 ****
```

Terry Stader - KA8SCP/1, America Online Ham Radio Club Host

! Internet: tstader@aol.com _or_ p00489@psilink.com
! (Files/messages larger than 27K, please send to "p00489@psilink.com")

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
ka8scp@ka8scp.ampr.org [44.56.4.82]
--- 2280,2286 ----

Terry Stader - KA8SCP/1, America Online Ham Radio Club Host

! Internet: tstader@aol.com (Files/messages less than 27K)

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
ka8scp@ka8scp.ampr.org [44.56.4.82]
****
*** 2331,2341 ****
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * 303-679-2378

! I'm certainly willing to be an Elmer if there's a need. I hope I've learned a
! few things in 27 years on the air. :-) Here's a list of subjects I might be
! able to help with:

Antennas
General Operating Practices
Older (Tube) Equipment
Test Equipment and Measurements
--- 2310,2322 ----
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * 303-679-2378

! I'm certainly willing to be an Elmer if there's a need. I hope I've
! learned a few things since 1966 when I first went on the air. :-)
! Here's a list of subjects I might be able to help with:

+ Combining amateur radio and flying
Antennas
+ Civil Air Patrol
General Operating Practices
Older (Tube) Equipment
Test Equipment and Measurements
****
*** 2355,2360 ****
--- 2336,2343 ----

Dave Stine WA2JTA/6

+ dstine@cisco.com
+
My areas of expertise are:

- vacuum tube amps, receivers, exciters
****
*** 2420,2426 ****

```
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits,
! linear amplifiers, troubleshooting.

++++++++++++++++++++++++++++++++++++++++++++++++++++

--- 2403,2416 ----
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits,
! linear amplifiers, troubleshooting, Internet questions and
! software
!
! Author of 1995 ARRL Handbook, Chapter 5 on Direct Current (DC)
!
! Illinois Fishing Page at:
!
! http://www.cba.uiuc.edu/~rtaylor/fish/fish.htm

++++++++++++++++++++++++++++++++++++++++++++++++++++

***************
*** 2481,2486 ****
--- 2471,2480 ----

ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq

+ PKZIP'ed version available from:
+
+ ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq.zip
+
Please direct all FAQ submissions, feedback, and administrivia to
ukfaq@topsy.demon.co.uk.

***************
*** 2489,2511 ****
++++++++++++++++++++++++++++++++++++++++++++++++++++
- V -
++++++++++++++++++++++++++++++++++++++++++++++++++++
- _____
- | | Johnathan Vail vail@tegra.com (508) 663-7435
- |Tegra| jv@n1dxg.ampr.org N1DXG@448.625-(WorldNet)
- ----- MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

! ampr.org IP Coordinator for East/Central Massachusetts subnet
! (44.056.xxx.xxx)

TAPR/9600 modem (putting some stuff together for a local repeater)

- [Editor's note: All ampr.org coordinators are listed in the document
- at:
-
- ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators
```

-
-]
-
++

Jim Van Peursem - KE0PH
--- 2483,2497 ----
++
- V -
++

! PrePRESS Johnathan Vail vail@prepress.pps.com (508) 262-8354
! ---------+ 900 Middlesex Turnpike Billerica Massachusetts 01821
! solutions MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)
!
! Amateur TCP/IP

TAPR/9600 modem (putting some stuff together for a local repeater)

++

Jim Van Peursem - KE0PH
****
*** 2547,2571 ****

++
- W -
- ++
-
- John Welch N9JZW, NNN0WYZ
- jjw@seastar.org
-
- Navy/Marine Corps (NMC) MARS
-
- ++
-
- Vikki Welch WV9K, NNN0AEE
- vikki@seastar.org
-
- Navy/Marine Corps (NMC) MARS
- Region Four ECOMM Planning Officer: NNN0ASG TWO
-
- There are other NMCMARS Members on the Internet and I'll be compiling a
- list, if anyone is interested. I'd also welcome any correspondence
- with other members of MARS. We are currently considering a MARS
- conference on a dial-up BBS.

++

--- 2533,2538 ----
****
*** 2599,2604 ****
--- 2566,2572 ----

E-mail address above.

++
+
Paul Williamson KB5MU

kb5mu@amsat.org

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

1355. address for CT1EGH (for D3X)??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 18:48:32 UTC
From: "Mark L. Nagurka" <mln+@andrew.cmu.edu>
Message-ID: <0j=xS0i00WBNA4oFZx@andrew.cmu.edu>
Source record: 252739

Does anyone have the current address for
CT1EGH (listed as the QSL route for D3X)?
Thanks, in advance, for any help.
73, Mark WA3RMV

1356. Re: Need source of 39mhz crystal for narrowband receiver design

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:05:51 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb1.190551.22388@ke4zv.atl.ga.us>
Source record: 252740

In article <D3B4AE.47J@acsu.buffalo.edu> v064mb9k@ubvms.cc.buffalo.edu (NEIL B. GANDLER) writes:
>
> I am currently designing a narrowband receiver based on
>a motorolla chip to tune in frequencies of 49.6 mHz. The recommended
>circuit diagram calls for a 39mHz crystal, a component that I have not been
>able to find after checking many electronic component distributors. Can anyone
>direct me to a source. I would appreciate any help.

Here are sources recomended by Motorola.

California Crystal Laboratories (800) 333-9825

Fox Electronics (813) 693-0099

International Crystals (405) 236-3741

Standard Crystal Corp (818) 443-2121

Plus you could try JAN, Bomar, and the other usual suspects. For
other than standard microprocessor crystals, TV color burst crystals,
and frequency standards, resort to crystal manufacturers direct is
usually the only way to get the crystal you need. Distributors just
don't carry that sort of thing.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1357. 440 Repeater For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:09:07 UTC
From: Thomas_A._Cagan.LAX1B@xerox.COM
Message-ID: <".1-Feb-95.11:06:34".*.Thomas_A._Cagan.LAX1B@Xerox.com>
Source record: 252741

Hi All,
We have a KRP 5000, 440 Repeater and an ACC-96 Repeater Controller for sale. They are about 18 months old and work great. The reason that we are selling them is that they won't work with our present HF and Allmode VHF remote bases.
Selling price on the KRP 5000 is $1500.00
Selling price on the ACC-96 is $700.00

Please respond to me:
Tom Cagan, KB6NQW. KB6NQW@WB6WFH.#SOCA.CA.USA.NOAM
or
David Steinfeld WA6ZVE (818)340-6760

1358. WANTED: Icom IC-735 product review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:33:18 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.791667198@melpar>
Source record: 252742

I am interested in any published Product Reviews on the Icom
IC-735 transceiver. According to the ARRL archives, there has
never been one in QST. However, if anyone knows of a review on
this particular unit in another publication, and can provide a copy
to me by USnail, please e-mail me and I will be happy to reimburse
the cost of photocopying and postage.

73 DE K4MSG e-mail to pbock@melpar.esys.com

1359. Bad Publicity For Hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:36:13 UTC
From: arthurc@crl.com
Message-ID: <3gonrd$i39@crl10.crl.com>
Source record: 252743

This is an excerpt from a recent article on Kevin Mitnik, a notorious hacker whose story is recounted in Hafner and Markoff's book *Cyberpunk*. Mitnik is a general-class ham (you can look up his callsign in the QRZ CD-Rom). But what especially annoys me is the implication -- utterly false, as folks here know -- that you have to be a Ham to own and operate a scanner.

****
Forwarded Message
****

US Marshals On Trail Of Hacker
-> WASHINGTON, D.C., U.S.A., 1995 JAN 26 (NB) -- The US Marshals Service is on the trail of a computer hacker who disappeared after being convicted of one electronic crime and charged with another.

-> Authorities say they are trying to locate Kevin David Mitnick, 31, originally from Sepulveda, California.

-> Deputy US Marshal Kathleen Cunningham told Newsbytes the Marshals Service has had a probation violation warrant for Mitnick since November 1992, and almost caught up with him in Seattle last October.

-> Cunningham said Mitnick is a ham radio enthusiast and is believed to use a scanner to keep track of police in the area where he is hiding. "(Local police) didn't use radio security so as soon as his address was mentioned he was out of there. He just left everything."

1360. Re: TM-732 vs TM-733A

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:37:03 UTC
From: jackg@xetron.com
Message-ID: <D3C6I2.LB6@xetron.com>
Source record: 252744

In article <8A29419.00CB002268.uuout@camel.com>, robert.brandon@camel.com says...
>
>Can anyone tell me what additional features the Kenwood Tm-733A has over
>
>the TM-732? Thanks. Robert WD5AAT

Robert, the TM-733A is alledged to have better intermod performance.
I bought a TM-733A that still has intermod problems. It has this button labeled "AIP" that is supposed to eliminate intermod. It helps when engaged, but it still has intermod problems.
There may be other differences, but that was the one I was primarily interested in (and disappointed with).

Jack

1361. SPECTRUM ANAL

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:49:00 UTC
From: ernest_behrle@tscnet.eskimo.com
Message-ID: <5d.1472.1908@tscnet.eskimo.com>
Source record: 252745

Hi; Does anyone know of a good audio spectrum analysis program based around the Sound Blaster card? Preferably Shareware.

thanks,

ERNEST BEHRLE

* 1st 2.00b #4956 *

1362. 2M handheld 12W $170

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:49:48 UTC
From: ghoda@aurxcgaur.alcatel.com
Message-ID: <3gooks$8em@aurns1.aur.alcatel.com>
Source record: 252746

I'm selling a 2M handheld with 12v battery pack, extra 6v pack
all instruction books/booklets and the wall charger. I think it's about
5 years old and I haven't used it much... As a matter of fact I forget
if it is an Icom or Alinco.. If I can let you know more about it when I
look at it tonight... Thanks..

Please call me at 1800-767-8147 ext:3567

or reply to: ghoda@aur.alcatel.com

1363. Re: WANTED: Icom IC-735 product review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 19:51:21 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <3goonp$pfr@vixen.cso.uiuc.edu>
Source record: 252747

In <phb.791667198@melpar>, phb@syseng1.melpar.esys.com (Paul H. Bock) writes:
>
> I am interested in any published Product Reviews on the Icom
>IC-735 transceiver. According to the ARRL archives, there has
>never been one in QST. However, if anyone knows of a review on
>this particular unit in another publication, and can provide a copy
>to me by USnail, please e-mail me and I will be happy to reimburse
>the cost of photocopying and postage.
>
>73 DE K4MSG e-mail to pbock@melpar.esys.com

It was in one of the 1986 issues of QST.

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

1364. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 20:04:16 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3gopg0$v73@bubba.ucc.okstate.edu>
Source record: 252748
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

```
>: I recently posted a reply to the AMSOFT spam telling them that
>: instead of asking for a copy of their thinly disguised advertisement
>: for their CD-ROM, I was sending a copy of their message to their
>: system administrator.
>
>So for us Usenet novices, how do you find out the address of their
>system administrator?

Send it to postmaster@the.same.address.as.the.sender.of.the.post.

Gordon AB5DG
```


```
Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer
```

1365. Re: Need info. on Mobile HF Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 20:22:10 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0102951522100001@k4dii.ksc.nasa.gov>
Source record: 252749

In article <1FEB199509514081@ariel.lerc.nasa.gov>,
tidedu@ariel.lerc.nasa.gov (William T. Dedula) wrote:
> I require information on installing a HF Amateur Radio
> antenna on the top of a large truck.

Tim-

There are several antennas that might be used, but none I know of would be "self erecting". There may be some designed for military operations, that could be adapted. However, these would probably be rather expensive.

On my automobile, I use a Hustler quick-disconnect (Model QD-2) adapter between the antenna mast and the mount. For your installation, using a mirror mount on the cab of the truck, may be the most practical approach. The quick-disconnect adapter would allow rapid installation or removal. The mirror mount should be available at Radio Shack and other CB shops. The Hustler QD-2 is available at Ham stores like Amateur Electronic Supply and Ham Radio Outlet.

You didn't mention what frequencies you wanted to use. If they were outside of the Ham bands, ordinary Ham antennas may not be adaptable. If a wide range of frequencies would be used, you might choose to prepare a separate antenna for each, and manually change them when needed.

There are automatic antenna tuners available, that work with a single long whip, to tune all frequencies. In my opinion, this approach doesn't work as well as having an antenna optimized for each frequency. However, it is often more convenient, and might be necessary for frequencies that were far away from the Ham bands.

I hope this is of help.

73, Fred, K4DII

1366. Re: Who's "Herbie baby"?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 20:38:42 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3gorgi$125t@bubba.ucc.okstate.edu>
Source record: 252750

In article <3ghhqq$jjv@newsbf02.news.aol.com>,
TOM SUNMAN <tomsunman@aol.com> wrote:
> Hi folks. Can someone give me some info on this guy I hear on 14.300
>ssb. I live in N.Y. and every mid-afternoon I hear this nut and he keeps
>saying "Herbie baby #1". Then he goes a little off if someone gets on his
>case. I'm just curious if anybody has heard him and what his story is! The
>guy doesn't seem to be playing with a full deck. He doesn't I.D. himself
>as required by ALL amateur radio operators either. He seems to be a
>regular on that freq.
>
If you really want to light Herbies fuse start bragging on any thing MFJ
makes.

Guys like Herbie and K1MAN are permenent fixtures of 20 meters. They are
there to provied bad examples for the rest of us to learn from. They get
off on discussions like this. Even Wayne Green gave up bitching about them
several years ago.

Gordon

1367. Albuquerque, New Mexico

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 21:20:16 UTC
From: wa5whn@mack.rt66.com
Message-ID: <3gotug$6qe@mack.rt66.com>
Source record: 252752

We are now officially the New Mexico State ARRL Convention/Duke City Hamfest scheduled for August 26, 1995 @ The NM National Guard Armory, 600 Wyoming Blvd. NE, Albuquerque, New Mexico 87123. Free Admission, doors open @ 0700 MDT on August 26, 1995. If You have any questions about this event, feel free to email me at this address.

VEC Exams will be coordinated with AA5MK, Bob Witter.

73...Jay, WA5WHN

1368. BALLOON.FAQ 1.0

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 21:25:21 UTC
From: djmullen@facstaff.wisc.edu
Message-ID: <3gou81$6gc@news.doit.wisc.edu>
Source record: 252753
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Ham Ballooning FAQ
or
"What little I know about ham ballooning, by N9LTD"

This is mostly stuff I learned from Joe, WB9SBD, who got me into this mess. I've chased a half dozen of his Near Space Science (NSS) balloons, helped him launch several of them and balloonmeistered two launches for High Altitude Radio Project (HARP). This is version 1.0 of the FAQ, so please excuse any mistakes or omissions.

THE MOST IMPORTANT RULE

Rule #1 for those interested in getting into ham ballooning: Join a group that's already launching balloons to learn the ropes. I can't tell you everything you need to know in a FAQ. Don't try to learn it all yourself by trial and error, learn it from someone who's actually doing it! Start by volunteering to chase the balloons. Chasers are ALWAYS welcome. Special DF equipment is not necessary. There comes a point in every flight where the balloon is laying on the ground and its range is so short that nobody can hear it. That's when lots and lots of people are needed to drive around until they pick up the signal. Once the balloon can be heard, people with DF gear can start tracking it down. Balloons often land in trees and marshes, so hunters and tree climbers are always welcome on chase crews. Bring your hip boots.

Then help with a few launches. See what's involved in filling and launching a weather balloon. Get a look inside the payload box to get an idea of the construction required.

Then find out who in the FAA the group contacts when arranging flights. The regional FAA office will probably have one person who handles most of the ham flights and he will be MUCH more comfortable with your request to launch if you tell him you've been working with a group that's had several safe and successful flights and are following their procedures.

Here's a list of what our group has been using for ham balloons and where we find what we need. As I said above, I got most of this information from WB9SBD.

BALLOONS

We use Totex weather balloons. They seem to be the best quality. We purchase them from:

Kaymont Consolidated Industries, Inc.
21 Sprucetree Lane
P.O. Box 348
Huntington Station, NY 11746
Phone (voice): 516 424-6459
Phone (fax): 516 549-3076

Balloons are sized by their weight in grams. Kaymont currently carries two sizes, 800 and 1200 grams. The 800 gram size will lift 3-4 lbs to 100,000 feet. The 1200 gram size will take a full six pound payload to 100,000 feet. Prices are about $45.00 each for the 1200 gram balloons. Kaymont accepts telephone orders and credit cards.

BATTERIES

Only one type of battery will do: lithium. Nothing that is available on the commercial market approaches lithium's power per pound. We normally purchase military surplus lithium battery packs. They contain 10 D cells in a series/parallel arrangement that produces 15 volts. The packs come apart very easily into two 5 cell strings. The D cells themselves are connected with welded tabs that can be easily cut and soldered into whatever voltage and amp/hour combination you need. The D cells are 3 volts each, so 3 will give you nine volts, 4 will give 12 and 5 cells will give 15 volts. The cells in the battery packs will typically be out of date, but lithium cells have an excellent shelf life and we've never been disappointed. You can expect 6 AMP hours from each 3 volt D cell.

I connected a single 3 volt lithium D cell to a 10 Ohm resistor, put a Radio Shack RS-232 VOM (lent by Don, K9LYE) across it and let my computer log its progress. The voltage _rose_ slightly for the first half hour to 2.81 volts and it then stayed there for 22 hours before it started to drop! It didn't drop to 2.5 volts until 24 hours after starting the test. I put a 5 ohm resistor across a second D cell and the voltage stayed at 2.78 volts for 12 hours. That's 6000+ mah per cell! A 5 D-cell pack will provide about 3.3 watts for 24 hours or 6 watts for 12 hours. You really need about 12 hours of capacity. That gives you four to six hours for the flight and another six hours to recover the payload when it lands.

Here are our results for various resistances across a single 3 volt lithium D-cell:

Ohms	Peak Volts	Peak Amps	Life in Hours	Watts per cell	Watts per 5 cells	Notes
10	2.8	.28	24	.78	3.9	(Lifetime measured to 2.5 V)
5	2.78	.55	12	1.53	7.6	" " " "
3.3	2.75	.82	8	2.25	11.2	" " " "
2.5	2.71	1.08	6	2.92	14.6	" " " "
0.77	2.46	3.20	2:14	7.87	39.4	(Lifetime measured to 2.0 V)

(That .77 ohm load was a mistake. I thought I had 4 10 ohm / 10 watt resistors in parallel. One of them turned out to be 1 ohm. Boy, did it get hot!)

We order our lithium batteries from:

S & G Electronics
618 S. 62nd St.
Philadelphia, PA 19143
Phone (voice): 215 474-7663

Prices run around $15.00 per pack of 10 cells.

S&G accepts phone orders, but not credit cards. They will ship C.O.D., however. S&G is a real mom and pop outfit and very nice people to do business with.

GAS

We use Hydrogen because it's cheaper (about $20.00 per cylinder versus $40.00 for helium) and has more lift. Also, we're not too bright. Hydrogen has two drawbacks: it burns and it explodes. On the other hand, it's not super vicious. Your balloon will be delivered with no air in it. Don't let any get in while you're filling it and the hydrogen can't explode in your balloon. If the balloon bursts while filling it indoors, get out and let the hydrogen dissipate for a while. Don't flip the light switch on the way out. Try to do your inflation in an old, leaky building just in case the balloon pops. An old barn with lots of holes in the roof is ideal for working with hydrogen.

Buy hydrogen (or helium) at any welding supply shop. You will need the biggest tank they have, size K or T, which will typically come up to about your shoulder. Put another way, it will just barely fit into the back seat of a Ford Taurus. Try not to get into any accidents when you have a tank full of high pressure hydrogen in your back seat. In the event of a serious traffic accident, you needn't worry about being injured. You will die.

Either size tank will fill a 1200 gram balloon with gas left over.

You should have a regulator for your tank to lower the 2000 pound plus pressure to a few pounds, although in an emergency you can tape the filling hose to the outlet of the tank and then open the valve _very_ carefully. I've seen it done, but I don't recommend it.

You can rent regulators at the same welding shop you buy your hydrogen at. If they don't have hydrogen regulators, you can use a nitrogen regulator with a $15.00 adaptor the welding store can sell you. Helium is used a lot, so they will probably have helium regulators in stock. ARRANGE FOR YOUR GAS PURCHASE AT LEAST TWO WEEKS BEFORE FLIGHT. The welding shop may need time to do a credit check on you. If not, they will require a $50 - $100 deposit on the tank. You have to rent the tank, they won't sell it to you.

Regulators typically rent for about $5.00 a week. You'll also have to rent the tank at about a dime a day. The welding shop will give you a hazardous material form that MUST be carried in your vehicle at all times the gas tank is on board or you are liable for a multi-thousand dollar fine.

INSTRUMENTATION

The BEST instrumentation is a GPS receiver sending its data to a packet TNC and a transmitter. This will send you the balloon's latitude, longitude and altitude. They're wonderful! Note, however, that many GPS receivers won't work above 60,000 feet. This is because of export regulations designed to keep Saddam Hussain or somebody like him from using a GPS receiver to improve the accuracy of a Scud missile. The actual regulations ban export of GPS receivers that can measure speeds in excess of several hundred miles per hour at altitudes above 60,000 feet. Motorola GPS boards are reputed to work above 60K feet at typical balloon speeds. Most manufacturers can provide you with versions of their firmware that will work above 60k feet, but you will have to sign a non-export agreement.

Note also that the accuracy of GPS signals is purposely degraded to about 100 yards horizontally and 300-500 feet vertically to keep Russian ICBMs from using them to achieve the +/- 10 yard accuracy necessary to take out a hardened missile silo. This will make your readings, especially altitude, jump around a bit.

Make sure your GPS receiver has a NEMA output. This is a 4800 baud RS-232 ASCII output in a standardized format. It was originally designed for use on boats, to let things like LORAN receivers work with autopilots. If the GPS receiver can be programmed to send lat, long and altitude every minute or so, you can connect this output directly to the TNC input and let her rip. APRS programs are designed to handle this data format. However, if the receiver sends its data constantly, you will have some overflow problems feeding a 1200 baud TNC.

CHEAP ALTIMETER

Thanks to Kevin, WB9YHB, we now have a cheap electronic altimeter. He spotted a Microswitch pressure transducer in a MECI surplus catalog that provides a 1 to 6 volt output that is linearly proportional to pressure. The catalog blurb:

PRESSURE TRANSDUCER Absolute pressure sensor for 0-15 PSI range. 45PSI maximum overpressure with 0.333 volts per PSI sensitivity, .75% linearity. Three wire PC mount. Mount holes 2-1/16 O.C. Includes spec sheet. Mfg: Microswitch Mfg P/N: 142PC15A
MECI PART NUMBER: 540-6206F

It's a whopping $2.95, unless you order 10 or more when it drops to $2.50 ea. It's small, light and runs off 8 to 12 volts. It only

requires one resistor. I ordered ten of them in Dec, 1994 and they had about 700 left. Hurry and get yours now. :)

MECI
340 East First St.
Dayton, Ohio 45402
1-800-344-4465 9am-6pm EST Mon-Fri Visa/MC/Disc/AmEx

CHEAP FLIGHT COMPUTER

Computers don't come much cheaper than Parallax's BASIC Stamp. This $39.90 device is a printed circuit board the size of a large postage stamp containing a microprocessor, 256 bytes of EEPROM, 8 programmable I/O lines and a 5 volt regulator. One end of the board has a pair of sturdy clips for a 9 volt battery, which will run a STAMP for several days. Small as the board is, half of it is a prototype area containing a 10 x 14 array of isolated plated through holes for your circuitry.

The Stamp has a 4 MHz clock and comes with a built in Integer BASIC interpreter. You write your BASIC program on a PC using Parallax's special BASIC editor and then download it to the Stamp's EEPROM with a cable that connects to your parallel port. (Don't know if a Mac can use the BASIC Editor when running a PC emulator.) The program starts immediately and it restarts every time you connect power afterwards.

Each of the 8 I/O lines can be independently programmed as a TTL/CMOS compatable input or output. An output pin can source 20 ma and sink 25 ma. Each pin can also be an RS-232 input or output at speeds up to 2400 baud. (Note, the output is 0-5 volts, which isn't _true_ RS-232, but it works with everything I've tried so far.) The inputs work fine with standard RS-232. The "RS-232 interface" consists of a current limiting resistor.

Parallax's application notes show how to connect an ADC0831 8 bit analog to digital converter chip to the stamp. This is an 8 pin chip with a serial interface that connects to the Stamp with just 3 wires. We currently use two of them and two Radio Shack thermistors (p/n 271-110) to read inside and outside temps. The data is sent to the ground by Morse code, also generated by the Stamp. My next generation board will use a ADC0838 chip, which has 8 inputs. The Stamp also has a Radio Shack reed relay mounted on it which snaps pictures with a 35 mm camera after every ID. The 831s and 838s are available from Digi-Key.

A Cheaper Flight Computer

Parallax has actually found a way to make a BASIC Stamp for even less money! The BS1-IC is a 1.4 x .4 inch PCB with surface mounted parts and 14 pins sticking out of one side so it can plug into a socket like a SIP. (Single Inline Package) It contains EVERYTHING a standard Stamp has except the 9 volt battery clips and it's only

$29.95!

A More Powerful Flight Computer

Parallax is promising the Super Stamp (or Stamp II as they call it) in Feb 1995. (It was originally promised for Nov 94.) This is another surface mount board, with the form factor of a 24 pin DIP. It will have 16 I/O pins, a 20 mhz clock, 2k EEPROM, 9600 baud RS-232, DTMF encoding and decoding, built in A/D and more. Time will tell if they deliver it all. The price is to be $49.95.

Parallax BBS and FTP site

The Stamp manual, application notes and programs are available on the Parallax BBS at (916) 624-7101 or by anonymous FTP from PARALLAXINC.COM

Avoid the BASIC Stamp Programming Kit

Parallax will be happy to sell you a BASIC Stamp programmer's kit for $99.00. It contains a cable to connect the Stamp to your PC's parallel port, a manual, a set of application notes and a disk with software. The manual, application notes, software and pin out for the cable are available for free download on their BBS and FTP site. On the plus side, the programmer's kit comes in a really neat cardboard box, which I've gotten a lot of use from.

PINOUT for the PARALLEL PORT to BASIC STAMP CABLE

DB 25 BASIC BS-1C
Connector STAMP (Stamp SIP)
2 3 5
11 2 4
25 1 <<< 3 (GROUND - Marked <<< on Stamp)

All of the BASIC Stamp products are available from Digi-Key or you can order from Parallax at (916) 624-8003.

35mm CAMERA

What's the world look like from 100,000 feet? A camera can tell you. A few 35 mm cameras can automatically snap a picture every ten minutes, but we couldn't find one. Next best is triggering a camera electrically with a reed relay driven by a BASIC Stamp output pin. We use a "Canon Sureshot esprit".

If you remove the bottom screw nearest the tripod hole, you can remove a small plastic plate that uncovers a flexible printed circuit board. If you hold the camera upside down with the lens facing away from you, you will see a horseshoe shaped ring of circular solder pads with one pad missing at the top. Number the pads counterclockwise starting with the pad to the left of the missing pad. Short pads 1 and 3 together and run a wire from pin 1 and pin 2 to the normally open contacts of the reed relay. Close the relay

contacts for 1/4 second and you'll take a picture.

NOTE: You will have to either use wire thin enough so that you can replace the plastic plate or you'll have to cover the hole where the plate was with black electrical tape. If you don't, a light leak will fog one corner of each picture.

Which way to point the camera? Well ... if you point it down, you get great aerial photographs of the earth below you. It's a lot of fun spotting familiar places and just plotting the balloon's course after the flight by finding landmarks on the pictures. On the other hand, if you point the camera horizontally, you get some magnificent photos at high altitude. Your balloon will go so high that the sky will be black and you can see the curvature of the earth on the horizon. Your choice, I guess.

BASIC BALLOON CONSTRUCTION

The basic balloon setup is one weather balloon, five to ten feet of 50 lb test cord, one parachute tied to the cord at its apex, another five to ten feet of cord tied to the parachute shroud lines with a radar reflector attached to its middle and the payload. You HAVE to have the parachute and radar reflector - FAA regs. Ditto for the 50 lb (max) cord.

RADAR REFLECTORS: We now know for certain that just hanging a space blanket from the package won't work. They barely show up on FAA radars. Best bet: a styrofoam corner reflector covered with space blanket material. Look in a boating catalog for models. Hints: forget aluminum foil, it's too heavy. Ditto for cardboard. Space blankets (very thin aluminized mylar) work fine and are featherweight. Get them from sporting good stores.

Payloads

REDUNDANCY! Live by that word! Have at least two transmitters. Each transmitter should have its own, totally separate power supply. If your package isn't transmitting when it lands, you aren't going to find it. One transmitter can be a milliwatt rig running from a 9 volt battery. Hint: you can buy oscillator modules from Digi-Key for a few bucks each that have frequencies in various HF ham bands. They run on five volts and draw next to no power.

It gets down to 60 below zero Fahrenheit at 40,000 feet. An insulated package is necessary. A styrofoam beer cooler is light, cheap and a great insulator. If it's well sealed, things will stay quite toasty inside. Our lowest inside temps have been about 43 F. with a leaky package (lots of antennas sticking out through holes that weren't sealed with goop) to about 70 F. with very tight packages. Our HIGHEST internal temp was 132 degrees F with a very tight package containing two transmitters that used a total of about ten watts from two battery packs. Remember, about 1/2 of all the power your transmitter draws stays inside as heat.

Put an audio beeper on the outside of the package. This will help you zero in on it if it lands in dense brush or woods. MAKE SURE THE BEEPER CAN BE TURNED OFF FROM THE OUTSIDE AND PUT PROMINENT INSTRUCTIONS FOR DOING SO ON THE OUTSIDE OF THE PACKAGE! We had a farmer find our package and take it back to the farmhouse. The beeping was so annoying that he put it in a metal granary to muffle the sound - and the signal we were tracking went to zip! Luckily, we had our address on the package.

PUT YOUR ADDRESS AND PHONE NUMBER ON THE OUTSIDE OF THE PACKAGE! Mention a $50.00 reward to the finder. So far, we've had one package found by duck hunters, who promptly switched the transmitter off. A second package wound up in a metal granary and a third had its single set of batteries die on the way down. We got all three back because people found them and called us.

DON'T PUT AN ON/OFF SWITCH FOR THE TRANSMITTERS ON THE OUTSIDE. You WANT that signal to stay on so you can track it down!

Put "HARMLESS HAM RADIO TRANSMITTER" on the outside. After all, many people get concerned when a package bristling with antennas and going "BEEP BEEP BEEP" parachutes into their bean field.

The Federal Aviation Administration (FAA)

Unmanned Free Balloons are covered under section 101 of the Federal Aviation Regulations (FARs) along with Moored Balloons, Kites and Unmanned Rockets. Call your local control tower and they will mail you a copy of this section. Be prepared to play some telephone tag.

NOTIFYING THE FAA: The FAA wants to know about your flight at least one week in advance. If this is your first flight, call them a month in advance and talk things over with them. You will typically want to call the local "Center". Here in Wisconsin, we call Chicago center. If you can't find their number in the yellow pages, under Department of Transportation, try calling the local airport control tower. Be prepared to play some telephone tag. If other people in your area are flying balloons, ask them who they talk to and get the number from them. (See The Most Important Rule above.)

The FAA center will want to know when you intend to launch, where from (distance and direction from a town on a map), how high you expect to go and what direction you expect it to travel in. This last part can be hard to answer a week in advance, but generally it will follow the prevailing winds in your area. Here in Wisconsin, we always guess that the balloon will travel to the south east. You should also leave your number in case they have questions. If the person you want to speak to isn't in, be sure to leave your name and number so they can get back to you.

24 hours before launch, you have to call your local Flight Service Station (FSS) and file a Notice to Airmen (NOTAM) giving the launch site, date and time, expected max altitude, expected rate of climb, expected direction of travel and landing spot. Your local FSS will

have an 800 number. These people can also give you the winds aloft if you ask. Most pilots have no use for winds aloft over 30,000 feet, so tell the FSS that you're launching a balloon and ask for wind speed and direction for as high as they have data for. This will typically be about 50-60 thousand feet. Try to get the winds aloft for a reporting station to the west of you because 24 hours later, those winds will have likely moved to your location.

Call FSS the morning of the launch for current winds aloft. You can then get a pretty good idea of where it's going to go so your chase crew can position themselves accordingly.

Call the FSS as soon as you launch and give them your estimated climb speed. They probably won't need to hear anything else from you until the balloon goes above 60,000 feet. Once above 60k, you're in uncontrolled airspace and the FAA doesn't have to worry about you, so tell them when you pass 60k. Call them again when you descend below 60k and when you land.

The Launch Mechanics

First of all, you need to know how much gas to put into the balloon. What you want is enough gas to lift the balloon, your payload, radar reflector and parachute plus six ounces to one pound of extra lift. One pound of extra lift will give you about a 1000 foot per minute initial rate of climb. This will give you about a 2-3 hour ride to 100,000 feet. On a very calm day with slow winds aloft, you can put in six ounces of lift and get a longer trip up and more usable time at high altitude. Here's the WB9SBD method of achieving the desired amount of lift:

1: Construct a simple scale by suspending a strong rod from a rope tied around its middle.

2: Hang your payload, parachute, radar reflector, suspension cables and EVERYTHING else that will fly EXCEPT the balloon to one end of the rod.

3: Hang a one or two gallon plastic jug from the other end of the rod.

4: Fill the jug with water until the rod is balanced.

5: Add six ounces to one pound of extra weight to the payload end. (Hint: bread comes in one pound loaves - a WB9SBD discovery)

6: Add enough water to balance the rod again.

You now have a jug of water that weighs exactly as much as what your balloon will have to lift plus 6 to 16 ounces extra.

FILLING THE BALLOON

Fill the balloon indoors or in an area that's very well protected from the wind. You don't want to have to fight the wind because the

balloon is very fragile and it will burst. Look for an old barn or airplane hanger. Be aware that the balloon will just barely clear a barn door when it's filled. A home garage door isn't high enough.

Spread a tarp on the ground to protect the balloon and spread the balloon out on the tarp. Handle the balloon with gloves.

Lay the gas tank next to the balloon. (It can't fall over if it's laying on the ground.) The regulator manufacturers recommend that you crack the valve slightly to blow out any dust before screwing on the regulator. Be aware that the threads on hydrogen tanks are "backwards" - you turn them counter clockwise to tighten them. (This gave me a bad moment on my first solo launch.) Run a hose from the regulator to your filling adaptor.

THE FILLING ADAPTOR: This is a piece of plastic tubing wide enough to be a snug fit into the open end of the balloon - 1.5 to 2 inches should do it. PVC pipe is fine. Somehow neck the other end of that tube down to the point where you can attach the hose from the gas tank to it. Also put a hook on the tube - perhaps by epoxying a piece of coat hanger wire to the side of the tube, near the end where the hose attaches. Now tie some twine from that hook to the jug.

Start the gas flowing and the balloon will start to inflate. Try not to get any air into the balloon, especially if you're using hydrogen! When the balloon lifts off the ground, the jug of water will keep it from going anywhere.

Continue to fill the balloon until the jug _just_ lifts off the floor. You now have enough gas in the balloon to lift your payload, parachute, radar reflector and connecting cords plus the extra six to sixteen ounces of water you put in the jug.

Sealing the balloon: using heavy twine, tie the balloon neck off tightly above the filling adaptor. Remove the adaptor. Tie the neck again, four to six inches below the first piece of twine. Tie your payload cord to the neck between these two pieces of twine. Now bend the neck over double and tie it again, twice. You will now have the neck of the balloon bent over double, with the payload suspension cord nestled in the bottom of the bend and the whole thing securely tied. You're ready to launch. (You can use tie-wraps instead of twine if you wish, but they're heavier.)

IS EVERYTHING TURNED ON?

Check now! Is your transmitter transmitting? Can you talk through the repeater? Is your GPS sending data? Is your audio beeper beeping? Is your IDer IDing? It's best to have a checklist because you will feel _very_ foolish if you launch with something turned off! (Don't ask me how I know this.)

The Launch

Take the balloon outdoors with somebody else carrying the payload and parachute. Stretch the payload out downwind from the balloon, with somebody holding it. You can then just release the balloon or let it out hand over hand until you're holding the payload, then let go. It's best if people hold the payload, parachute and radar reflector to keep them from being dragged along the ground. Now call FSS and let them know you've launched.

The End

Oops, deadline's up and this has to go out. I remind you once again that this is version 1.0 of the BALLOON FAQ. I promise you that I've left things out and made mistakes. If you have additions, corrections or criticisms, please send them to:

djmullen@facstaff.wisc.edu e-mail
n9ltd@WD9ESU.EN53IE.WI packet
(608) 249-7130 Clear Skies BBS
Dave Mullenix, 2502 Brentwood Pkwy, Madison, WI 53704 Snail Mail

1369. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 21:56:22 UTC
From: aranders@kosepc01.delcoelect.com
Message-ID: <3gp026$lqe@kocrsv08.delcoelect.com>
Source record: 252754
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

gbrown@unlinfo.unl.edu (gregory brown) writes:
>Virtually every major business from IBM to Intel to General Motors has
>Internet access. When was the last time you saw a commercial here
>from one of them?

ddabay@ruacad.ac.runet.edu (Dave Dabay) writes:
>Read the correct groups and you will see in some way shape or form either
>blatant or subtle adverts from them all. They are not going to miss out
>on a chance to target their market. How better to beat demographics?? If it
>isn't happening in "your" group, IT WILL!

I think it won't.

Most "major businesses" like IBM and General Motors have a Public
Relations department for such "market targeting." There are usually
specific personnel policies to discourage individual employees from
engaging in "public advertisement" of the company. Ever see a .sig
with a disclaimer about not speaking for one's employer? :-)

"Corporate entities" are usually pretty paranoid about offending
people, and advertising in newsgroups tends to offend many people.

= === === === = = = === === === === = = === = = = === = = === =
Alan Anderson | Ignorance can be fixed,
(I speak AT, not FOR, Delco Electronics) | but stupidity is permanent.

1370. Re: Ham License Plate problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 22:50:12 UTC
From: cmoore@sedona.intel.com
Message-ID: <3gp374$b35@chnews.intel.com>
Source record: 252755

In article <Tony_Pelliccio-280195150520@cis-ts5-slip9.cis.brown.edu>,
Tony Pelliccio <Tony_Pelliccio@brown.edu> wrote:
>Of course this is typical in Rhode Island.

Yesterday, I saw a car with the personalized (not ham) plate "N8TIV".
I asked the good looking lady in the convertible if she is a ham.
She isn't. It was her abbreviation for "Native" of Arizona. Hope N8TIV
doesn't move to AZ and expect to obtain ham plates. What does a ham
do if his/her call is already taken?
--
73, Cecil, KG7BK, OOTC (All my own personal fuzzy logic, not Intel's)

1371. Dental Fillings and Radio Frequency Signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 22:53:08 UTC
From: Driver Jerrel L <GT83STU@SEMOVM.SEMO.EDU>
Message-ID: <01FEB95.18236531.0056@SEMOVM.SEMO.EDU>
Source record: 252756

Would appreciate any information anyone has about persons receiving R.F. signals on dental fillings or appliances. References to published materials especially appreciated as are personal ancedotes. Thanks in advance for any information. GT83STU@SEMOVM.SEMO.EDU

1372. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 23:07:03 UTC
From: JRHODES@ins.infonet.net
Message-ID: <3gp46n$gvs@insosf1.infonet.net>
Source record: 252666
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3gjbss$3l9@hpbab.wv>, hanko@wv.mentorg.com says...
>
>In article <3g71qe$hc5@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory
brown) writes:
>|> I find your (AMSOFT) reply as innappropriate, perhaps more
>|> innappropriate, than Bob's comments, and a substantial waste of
>|> "bandwidth".
>|>
>|> Perhaps what Bob should have said is that it is contrary to
Internet's
>|> policy for Internet to be used as a vehicle for commercial
>|> advertisement. That is a fact. While I can not say that the policy
is
>|> a legally binding one (that is for others to say), it certainly is
>|> followed by the vast majority of commercial enterprises, and for good
>|> reason. They realize that they run the risk of alienating potential
>|> customers who may not appreciate such a blatant disregard for net
>|> etiquette and policy. Like Bob. And like me. Mind you, it is no big
>|> deal to me personally. But I don't like advertising here either, and
>|> there are plenty of alternatives to AMSOFT.
>
>I'm very curious where you discovered the information that indicates
>it "... contrary to Internet's policy ...". As far as I know, there
>IS no such entity as "Internet" to have a policy. Could you be a bit
>more specific where you located this policy information? Any sort of
>reference will do: ftp, email, http, whatever. I'd like to review
>the policy you are talking about before making any further comments.
>
> ... Hank
>
>
It seems to me that where the trouble comes is when the ads are sent to
those
who access the net through educatoinal or other networks that are not
open to
commercial traffic.

kc0xu jrhodes@ins.infonet.net

1373. Supplier for .1 MFD 2000 V cap?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 23:14:01 UTC
From: little@iamu.chi.dec.com
Message-ID: <3gp4jp$a5q@jac.zko.dec.com>
Source record: 252757

I'm trying to repair an old EICO scope and need to replace a shorted capacitor. It is a .1 MFD 2000 V tubular style cap. Anyone have any suggestions as to who might carry such a part?

73,
Todd
N9MWB

1374. IPS Daily Report - 01 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-01 23:30:27 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb1.233027.18990@ips.oz.au>
Source record: 252758
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 01/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 01 FEBRUARY AND FORECAST FOR 02 FEBRUARY - 04 FEBRUARY

1A. SOLAR SUMMARY
Activity: moderate

Flares Max Fadeout Begin End Freq. Sectors
M1/-- 0906UT none
M1/-- 0932UT none

Observed 10.7 cm flux/Equivalent Sunspot Number : 87/30

GOES satellite data for 31 Jan
Daily Proton Fluence >1 MeV: 1.5E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 5.2E+08 (high)
X-ray background: B3.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
02 Feb 03 Feb 04 Feb
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 02 Feb: 84/26
COMMENT: A Type II burst occurred 0844-0847UT, without an
accompanying optical flare. The region that produced the M1 flares
will rotate around the west limb today.

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled

Estimated Indices : A K Observed A Index 31 Jan
Learmonth 13 3323 3332
Fredericksburg 12 23
Planetary 12 22

Observed Kp for 31 Jan: 5442 3333
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
02 Feb 12 Quiet to unsettled
03 Feb 8 Quiet to unsettled
04 Feb 8 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
01 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
02 Feb normal normal fair
03 Feb normal normal fair
04 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
01 Feb 35 Mostly near predicted monthly values, with
enhancements of 30% from 21UT onwards. Spread F
was present during local night.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
02 Feb 30 Enhanced by 10-20% during the local day and otherwise
near predicted monthly values.
03 Feb 25 Near predicted monthly values
04 Feb 25 Near predicted monthly values
COMMENT: Night-time Spread F is expected for 2 Feb. Townsville
frequencies were enhanced and Hobart frequencies slightly depressed
on 1 Feb.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1375. ARLB011 Vanity call sign order

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 00:01:40 UTC
From: w1aw@arrl.org
Message-ID: <$arlb011.1995@ampr.org>
Source record: 252759
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB011
ARLB011 Vanity call sign order

ZCZC AG77
QST de W1AW
ARRL Bulletin 11 ARLB011
From ARRL Headquarters
Newington CT February 1, 1995
To all radio amateurs

SB QST ARL ARLB011
ARLB011 Vanity call sign order

''Vanity'' Call Sign Order Released

The FCC today released its Report and Order in PR Docket 93-305, amending its rules to provide for a ''vanity'' call sign program. The new rules are effective March 24.

Each new amateur station licensed by the FCC is assigned a unique call sign through an automated process in accordance with the sequential call sign system. To accommodate requests for specific, ''vanity'' call signs, the Commission will use a series of four ''starting gates.'' Gate One will allow a previous holder of a call sign to apply for that call sign or, where the holder is deceased, a close relative could apply, even if he or she is not otherwise eligible to hold the call sign. Gate Two will allow Amateur Extra Class licensees to apply. Gate Three will allow Advanced Class operators to apply; and Gate Four will open the system to any licensee, including a club station license trustee applying for the call sign of a deceased former holder.

The Commission will announce the opening of each gate by a Public Notice. The first gate will open as soon as the new application form, FCC Form 610-V, is available and the Commission's licensing facility is prepared to begin processing the applications.

The Commission said opening Gate One first to the small group of eligible licensees will allow for validation of their procedures and alert its staff to the need for adjustments. The following gates two through four will be opened sequentially ''at such times as it is clear that the system is ready to accommodate more applications.''

Applications will go to the Commission's contractor, Mellon Bank, which will accept them in Pittsburgh, Pennsylvania. They will be

processed ''in the order they are received at the processor's work station.''

Applicants will be permitted to request call signs reflecting their own or other call sign regions.

Except for a close relative applying for a deceased licensee's call sign, or a club station trustee applying with the written consent of a close relative of a deceased licensee, a vacated call sign will not be assignable for a two-year waiting period.

For clubs, persons not already holding a club station license, as trustee, must first apply for and receive a license before filing an application for a vanity call sign. FCC will begin accepting applications for new club and military recreation station licenses on the effective date, March 24.

The FCC set aside the one-by-one call sign block until the matter of assignment of these calls could be addressed in a separate proceeding. The ARRL had requested allowance for assignment of one-by-one call signs to special event stations of national significance.

A 70 dollar fee (7 dollar annual fee, for a ten-year license term) will have to be paid when requesting a new or renewed vanity call sign. The ARRL continues to work for legislation that will enable the Commission to charge a one-time fee.

Copies of the Report and Order are available from League Headquarters (SASE please). Details to follow in QST.
NNNN
/EX

1376. Second Biannual Elmers Directory Mass-Ack (Followup)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 00:13:22 UTC
From: pschleck@gonix.com
Message-ID: <pschleck.791684002@gonix>
Source record: 252763

Last month, I began the second biannual mass-acknowledgement and accuracy check of my Amateur Radio Elmers Resource Directory. As part of this check, I sent E-mail to every Elmer on my list at their last known address asking them to reply to me and note any changes to their entries. The following is a list of my results:

Y = Reply received
N = No answer
B = Bounce (with reason given)

Y jra@ag9v.ampr.org (John Ackermann AG9V)
Y andrews@kai.ee.cit.ac.nz (David Andrews ZL2SX)
Y jangus@skyld.grendel.com (Jeff Angus WA6FWI)
N Jay_Appell@cac.stratus.com (Jay Appell KA1SNA)
N bassanco@access.digex.net (Ken Bass K4EVH)
Y bbattles@arrl.org (Brian Battles WS1O)
Y rbellville@aol.com (Rob Bellville N1NTE)
N bob@kc2wz.bubble.org (Bob Billson KC2WZ)
N jbloom@arrl.org (Jon Bloom KE3Z)
B rbono@necis.ma.nec.com (Rich Bono NM1D) (unrecoverable error)
N acb@oes.ca.gov (Art Botterell)
N devon@olsen.ch (Devon Bowen KA2NRC)
B curtis@computronics.com (Curtis Braun N2HKD) (UUCP job killed after retrying 14 days)
Y johnb@thelair.zynet.com (John Brewer WB5OAU)
N alan@dsd.es.com (Alan Brubaker K6XO)
N tomb@lsid.hp.com (Tom Bruhns K7ITM)
Y dls@genrad.com (Diana L Carlson KC1SP)
N w3otc@amsat.org (Robert Carpenter W3OTC)
Y rusty@indirect.com (Rusty Carruth N7IKQ)
Y cheese@asstdc.com.au (Mark Cheeseman VK2XGK)
Y chilton@emc.com (Ken Chilton KA1TIH)
N cole@concert.net (Derrick C Cole KC4WEJ)
N bigsteve@dorsai.dorsai.org (Steve Coletti)
N jgd@dixie.com (John De Armond WD4OQC)
N md@pstc3.pstc.brown.edu (Michael Deignan KD1HZ)
N depolo@eniac.seas.upenn.edu (Jeff DePolo WN3A)
B doane@ccsua.ctstateu.edu (Betsey Doane K1EIC) (451: reply: read error)
N david@stat.com (David Dodell WB7TPY)
Y tedwards@eng.umd.edu (Thomas Edwards N3HAU)
Y elmore@brightband.rap.ucar.edu (Kim Elmore N5OP)
N enge@almaden.ibm.com (Roy Engehausen AA4RE)
Y wy1z@neu.edu (Scott Ehrlich WY1Z)
N fkf1@cornell.edu (F Kevin Feeney WB2EMS)
N paulf@stanford.edu (Paul Flaherty N9FZX)

N freeman@eagle.sangamon.edu (Jay Freeman WT9S)
N ccoprfm@prism.gatech.edu (Monte Freeman KC4GPW)
N rw3ah@emercom.msk.su (Andy B Fyodorov RW3AH)
Y mike@g4kfk.demon.co.uk (Mike Gathergood G4KFK)
Y imotion@iu.net (Howard Goldstein N2WX)
Y jim@n5ial.mythical.com (Jim Graham N5IAL)
Y phil@ncd.com (Philip Graham KJ6NN)
Y halbert@world.std.com (Dan Halbert KB1RT)
Y brianh@dante.exide.com (Brian Hammill KD4BFJ)
N steveh@grafex.sbay.org (Steve Harding KA6ETB)
Y ehare@arrl.org (Ed Hare KA1CV)
N pdh@ecs.soton.ac.uk (Peter Harris G4BDQ)
Y root@jackatak.theporch.com (Jack GF Hill W4PPT)
N stephen@mail.boi.hp.com (Stephen Holmstead N7TQL)
Y edh@hpuerca.atl.hp.com (Ed Humphries N5RCK)
N bjahnke@arrl.org (Bart J Jahnke KB9NM)
Y mkeller@flp.mhs.compuserve.com (Michael S Keller AB5EL)
N rdkeys@csemail.cropsci.ncsu.edu (R D Keys NA4G)
Y ikluft@thunder.sbay.org (Ian Kluft KD6EUI)
N elmers@iastate.edu (Iowa State Elmers KA9QOA et al)
N m.knell@unicorn.nott.ac.uk (Mike Knell G7GPA)
Y K2ANC.Wbst128@xerox.com (Louis J Kohnen K2ANC)
N otutatch@magnus.acs.ohio-state.edu (Sergei L Kulyov AA8OT)
Y johnl@world.std.com (John Langner WB2OSZ)
Y larson@net.com (Alan Larson WA6AZP)
Y zlau@arrl.org (Zack Lau KH6CP/1)
N levine@mc.com (Bob Levine KD1GG)
N flloyd@qrz.com (Fred Lloyd AA7BQ)
N magid@enet.com (Joel Magid WU1F)
N 3511297@mcimail.com (Fred O Maia W5YI)
N daniel.meredith@aznetig.stat.com (Daniel J Meredith N7MRP)
N jmiller@gemstones.usafa.af.mil (Jeffrey C Miller NH6ZW/0)
B johnm@is.sprint.com (John Monson WB0PLW) (UUCP job killed
after retrying 14 days)
N cmoore@cancun.rose.hp.com (Chris Moore N6IYS)
N john@anasazi.com (John Moore NJ7E)
Y myers@fc.hp.com (Bob Myers KC0EW)
Y lyndon@canada.unbc.edu (Lyndon Nerenberg VE7TCP/VE6BBM)
Y w6swe@tapr.org (Bob Nielsen W6SWE)
Y ornitz@emn.com (Dr Barry L Ornitz WA4VZQ)
N wpaperman@msmail.his.tch.tmc.edu (Dave Paperman WQ5Y)
N n9ep@amsat.org (Ed Picha N9EP)
N planke@systemtechnik.tu-ilmenau.de (Thomas Planke DL5ATP)
B potter@think.com (Dave Potter K1MBO) (550: User unknown)
Y terry%red@lawton.lonestar.org (Terry Redding WB5LMJ)
Y tony@hacgate.scg.hac.com (Tony Reeves AB6GA)
N reynolds@stc.nato.int (Peter Reynolds KE4BAD)
N richardsjj@oa.frc.com (James J Richards)
N ham@wam.umd.edu (Scott Rosenfeld NF3I)
Y ryme@husky.bloomu.edu (John Rymell N3PFF)

B steve@carlyle.com (Stephen R Salmon AA6LF) (550: Host unknown)
Y salnick@dejavu.spk.wa.us (Bob Salnick WA9BVE)
Y mark@ve6mgs.ampr.ab.ca (Mark Salyzyn VE6MGS)
N andrews@fms.com (Andrew Sargent N8OFS)
N nsayer@quack.kfu.com (Nick Sayer N6QQQ)
N steve@matt.ksu.ksu.edu (Steve Schallehn KB0AGD)
N n4vsd@mars.army.mil (Kenneth W Schildt N4VSD)
Y pschleck@gonix.com (Paul W Schleck KD3FU)
N s003aps@desire.wright.edu (Tony Schliesser N8XJA)
Y sefranek@osystems.com (Tom Sefranek WA1RHP)
N mikey@slic.cts.com (Mike Shirley WB6WUI)
N mjsilva@ted.win.net (Mike Silva KK6GM)
N skitch@nadc.navy.mil (Marty Squicciarini NR3Z)
N tstader@aol.com (Terry Stader KA8SCP/1)
Y bills@lvld.hp.com (Bill Standerfer KF0DJ)
N sds@sat.datapoint.com (Steve Sternitzke NS5I)
Y dstine@cisco.com (Dave Stine WA2JTA/6)
B dstock@hpqmola.sqf.hp.com (David Stockton GM4ZNX) (421: Connection
timed out)
N kstuart@oasys.dt.navy.mil (Ken Stuart W3VVN)
Y rtaylor@ux1.cso.uiuc.edu (Roger H Taylor K9ALD)
N ren@ncar.ucar.edu (Ren J Tescher N0PVI)
Y inp@violet.berkeley.edu (Bob Tidd KJ6CS)
N turner@safety.ics.uci.edu (Clark S Turner WA3JPG)
Y paul@topsy.demon.co.uk (Paul Turvey G1PJJ)
Y vail@prepress.pps.com (Johathan Vail N1DXG)
N jvp@iastate.edu (Jim Van Peursem KE0PH)
Y vanvliet@dutette.et.tudelft.nl (Frank E van Vliet PA3FAQ)
Y jjw@seastar.org (John Welch N9JZW)
Y vikki@seastar.org (Vikki Welch WV9K)
N wier@merlin.etsu.edu (Bob Wier WB5KXH)
N nsyslaw@acs.ncsu.edu (Lou Williams KE4ARM)
N kb5mu@amsat.org (Paul Williamson KB5MU)
N stevew@netcom.com (Steve Wilson KA6S)
Y bobw@col.hp.com (Bob Witte KB0CY)
N jfw@ksr.com (John F Woods WB7EEL)
N yee@mipg.upenn.edu (Conway Yee N2JWQ)
N martin.zurn@jrc.it (Martin A Zurn IK2RMZ)

The response rate (less than half) was a bit disappointing (I hope I'm not having trouble sending and receiving mail from Gonix, although bounces on my end were few). Addresses that bounced were cross-checked in Mark Salyzyn's (now shared with David Horsfall) Radio Amateurs on Usenet List (see the Elmers List for more information about this valuable resource). If anyone has any information on Elmers whose mail has bounced (or who haven't responded), please write me at elmers-request@gonix.com (the default Reply-To: of this message).

To the non-respondents, I sent the following:

>Greetings fellow Usenet Elmer,
>
>Last month, I sent out an E-mail message to all Elmers on my list
>requesting them to confirm the information in their entries and ensure
>they are up to date. Many of them responded. You were one of the
>Elmers I didn't hear from.
>
>I realize that this message may have gotten misrouted, or you have been
>busy or forgotten. I also realize that the Elmers List should consist
>of voluntary participants with time to spare for Elmering. If you no
>longer wish to be advertised as a net Elmer for any reason, let me know
>and I will respect your wishes.
>
>You should have already received a current copy of the Directory and
>Index in my previous mailing (send E-mail to elmers-request@gonix.com
>if you didn't). Please take the time now to review your entry, confirm
>that it is correct, and make updates if necessary. Please also
>confirm the Index to make sure I've listed you under the right topics.
>As I noted in my previous message, I really need to confirm the
>accuracy of individual entries, but once confirmed, I won't be
>bothering the Elmers again for at least another 2 years.
>
>If I don't hear from you by March 1st, I will assume that your entry is
>obsolete and will delete it. I will, of course, be more than happy to
>reinstate it at any time upon receipt of updated information.
>
>I'd like to thank you for your previous contributions to the net through
>your volunteerism and enthusiasm and hope to continue having you as a
>Usenet Elmer.

I'd like to thank many of the Elmers for their prompt and
conscientious replies and continued assistance in keeping the list
accurate and up-to-date (as well as a lot of positive and informative
feedback about use of the list by the Usenet readership). As a
result, the list will remain a usable net resource for some time to
come.

Apologies to disinterested parties for this closed-circuit. This will
be my last post on the subject for at least another 2 years.

--
73, Paul W. Schleck, KD3FU
pschleck@gonix.com

Maintainer, Amateur Radio Elmers Resource Directory

1377. Re: Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 00:20:27 UTC
From: kchen@apple.com
Message-ID: <3gp8gb$qo3@apple.com>
Source record: 252764
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:

>Hopefully, we've all heard about the gate system and ... but,
>which forms of vanity calls will be available? Will it be only
>the groups currently available or will calls like W0A, N7, ...
>and calls of the form A#x or A#xx... be available?

Geez, our friends in Botswana, Tonga, Bhutan and some of the Gulf
countries may not take too kindly to such unilateral action.

73,

Kok Chen, AA6TY (not in the UAE :-) kchen@apple.com
Apple Computer, Inc.

1378. This Week in Amateur Radio Audio Bulletin Service Moving

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 00:30:36 UTC
From: kxkvi@delphi.com
Message-ID: <56w5av0.kxkvi@delphi.com>
Source record: 252667

Begining this week, all amateur radio affiliates that carry This Week in Amateur Radio on thier local repeater or net, should look for us, and the entire Omega Radio Network, on Telstar 302 transponder 21 5.8 MHz wideband audio. Our new feed uplinks from Denver, originating in Albany New York.

At press time, we are not sure of the possibility of dual illumination with the soon to be gone Galaxy Three satellite. All affiliates should look for the feed in its usual time slot of Saturdays at 7:3o PM EASTERN time on Telstar 302

FOR THIS WEEK AND THIS WEEK ONLY: IF WE DO NOT APPEAR ON TELSTAR 302 LOOK FOR US BACK ON GALAXY THREE TRANSPONDER 17 5.8 AUDIO.

If you have any questions, please feel free to contact us at kxkvi@ delphi.com Thanks and 73!

This Week in Amateur Radio is the most up-to-the-minute audio bulletin service you can carry on your local repeater or net. We also make available during our service a FREE feed of NewsLine, and the RAIN Dial-Up, plus special amateur related features such as EZ-Sats and the Gateway 160 Meter Net Report.

We are a legal amateur related bulletin service. We run appx 70 minutes weekly, and feed via satellite. For more information on becoming an affiliate contact N2LQS at kxkvi@ delphi.com or via amateur packet.

1379. SWL's Different knowledge base (was Re: Callsign "CTP"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 00:53:04 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Feb2.005304.2628@ttinews.tti.com>
Source record: 252765

In article <199501291718.JAA23131@ucsd.edu> dwilson@s850.mwc.EDU (David L. Wilson) writes:
>
>> In article <eoz9lurTR2oJ065yn@powertech>
>> torkelj@powertech.no "Torkel Jodalen" writes:
>>>
>>> On 12.823 MHz (CW) I picked up the following message earlier today...
>>>
>>> DE CTP CTP QSX 481216 MHZ AR
>>>
>>> OK, I know what it means, but does anybody know anything about "CTP" ?
>>> The message was repeated continously - is it a beacon of some sort?
>>
>> Sounds like a Portuguese coast station to me ! The callsigns conform to the
>> same ITU allocations as amateur ones, so it's generally easy to work out
>
>Several similar questions to this have recently appeared in this amateur
>newsgroup. You will find a greater expertise in answering if you post
>questions like this in rec.shortwave. There is good expertise there in
>matters such as these. Contrary to what some believe ("these are future
>hams, pre-hams, or ust not up to ham level"), these are people pursuing
>a separate radio hobby with a different knowledge base. Many there would
>immediately recognize this as the NATO station at Lisbon, Portugal.
>
>
>
>--
>David L. Wilson INTERNET: dwilson@s850.mwc.edu
>Phone: (703)898-1084 (H) Amateur callsign: AC4IU G.S.: FM18fg

Yeah right. Just dont, whatever you do, remind the readership over there
that if you have an Amateur Radio License you are entitled to transmit on
40 m even if your SWL neighbor is trying to listen to those little, chickenshit
non-signatory countries that do propaganda from 7.050-7.3 MHz...god help you
if you should *even* suggest that it's reasonable for hams to transmit anywhere
that the Almighty Broadcasting Industry plops their fat, money-bloated ass down
on the spectrum...even though they did *INVADE* the Amateur portion of spectrum
in a totally *ILLEGAL* manner!

Different knowledge base? Would you believe different consensual reality? ;-)
BTW- is that assmunch still the prez of the American SWL club?? The one who
told me that "..amateurs should be thrown in jail for interferring with ANY
sw broadcasting!" and "..it's a WASTE of spectrum space to let mere NOVICES
operate CW on 40m.."? Is he still breathing air?

Always remember: The SWLer is not always a friend to the Amateur! In many cases he/she will be a royal pain in the ass!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

1380. ** New England Ham - Electronic Fleamarket Dates ** 1 Feb ** Update

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 01:04:15 UTC
From: w1gsl@ATHENA.MIT.EDU
Message-ID: <3gpb2f$ci6@senator-bedfellow.MIT.EDU>
Source record: 252766
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics,ne.forsale

```
New England Area Ham - Electronic Flea Market *** DATES *** 1995 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
*******************************************************************************
1995 Contact Source
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
4 Feb Gardner MA MARC Auction@1 s@12 @AmLegion ElmSt Paul N1IPG 508 632 9432

11 Feb Goshen NY OrangeCoARC @cathHS Bruce N2KTV 914 496 9091 A+

12 Feb Freeport NY LIMARC @ Armory S$25/T@7 B$6@9 Neil WE2V 516 462 5549 F+

18 Feb Marlborough MA AlgonquinARC @MS $2@10 $15/T@7 Ann KA1PON 508 481 4988

25 Feb Milton VT RANV @HS Mitch WB2JSJ 802 879 6589

25 Feb Lewiston ME AARC @Multi P CTR Birch St Sal W1CUW 207 998 2853 F

26 Feb Westford MA Radio XXVI @Regency Antique $4@8:30 A.R.C. 508 371 0512

5 March Northampton MA MtTomARA @Smth VoT Jim K1MEA 413 527 3199

5 March Braintree MA SSARA @ DAV $15/T $2@9:30 Bill WA1GHL 617 288 6906 F+

12 March Bristol CT ICRC @eastrn HS rt229 B $4 S $10/T Al N1JWF 203 747 1925 F

18 March Hudson NH IRS @Lions Hall $10/T@6:30 $2@8 John KA1FYB 603 881 5796

19 Mar Westboro MA MMRA @HS S$call@8 B$2@10 Walter N1HBR 508 489 2282

19 Mar Yonkers NY WECA @raceway Jean N2NQY 914 962 9666 D+

25,26 March Baltimore MD Hamboree @Timonium 8A- $5 Sell $5/10+ 800 HAM FEST

1 April Upper Saddle R NJ CRRC @refCH $20/T $2@8:30 Jack W2EHD 201 768 8360 D+

2 April Southington CT SARC @DePaolo JrHS $10@8:30 $3@9 N1GCV 203 621 6191 F

8 April Portland ME UofSM @gym $6@6:30 $4@8 x6bI295 KA1FI 207 846 9090

9 April Framingham MA @ HS $14@8 $10tg $5@9 $2@10 Lew K1AZE 508 879 7456 F

16 April Cambridge MA FLEA at MIT Nick 617 253 3776 F
buy $2@9A sellers $10/sp@7A $8in adv
Season Pass Special All 7 Months for $35/space
3rd Sunday Each Month April thru October

22 April Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

22,23 April Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) 617 965 0807 F
```

23 April Pittsfield MA NoBARC @Taconic HS $7@7 $2@8 Chuck NZ1Z 413 447 8377 +

28-30 April Dayton OH F

7 May Poughkeepsie NY Mt B ARC @Arl HS $8/T@6 $5@8 Ken KL7JCQ 914 485 9617

12,13 May Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG
~~~~~~
LAST UPDATE 1-20-95 de W1GSL P 1 of 2
****
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1995 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
P 2 of 2
~~~~~~
1995 Contact Source
~~~~~~
19-21 May Rochester NY ARRL NY Conv. Harold K2HC 716 424 7184 A

20 May Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7507

21 May Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October

4 June Newington CT @HS Flea + ARRL HQ OH Bob KD1LU

10 June Goshen CT SoBARC @FG rt63nr4 Sid K1SS 203 364 0480

17 June Hermon ME Pine St ARC Roger KA1TKS 207 848 3846 A

17 June Rutland VT VT St Conv. Justin WA1ITZ 802 728 4034 A

18 June Cambridge MA FLEA at MIT Nick 617 253 3776 F

16 July Cambridge MA FLEA at MIT Nick 617 253 3776 F

22 July Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

28-30 July Manchester NH ARRL NE Div Conv B$8 Al N1FIK 603 487 3333 F

11,12 Aug Charlotte VT BARC Ralph KD1R 802 878 6454 A

20 Aug Cambridge MA FLEA at MIT Nick 617 253 3776 F

26 Aug Gardner MA MARC @Drive-in S@6 B@8 Paul N1IPG 508 632 9432

16 Sept Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7507

16 Sept Randolph VT CVARC Robert WB1AJG 802 433 6172 A

17 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F

17 Sept Pittsfield MA NoBARC @Taconic HS s@7 b@8 Chuck NZ1Z 413 447 8377 +

23 Sept Lincoln ME Bagley ARC @Burr Sc 1miN on Rt2 Ed WA1JGO 207 732 5185

24 Sept Framingham MA @ HS $14@8 $10tg $5@9 $2@10 Lew K1AZE 508 879 7456 F
~~~~~~

6,7 Oct Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG T

15 October Cambridge MA FLEA at MIT Nick 617 253 3776 F

28 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

12 Nov Branford CT SCARA Brad WA1TAS 203 265 9983 T
~~~~~~
LAST UPDATE 1-20-95 de W1GSL P 2 of 2
Source F= Flyer T= tentative early info + = new info this month
A= ARRL D= W1DL WR NV 73 CQ QST = Mags
This list has been compiled from many sources. While we believe the info to
be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be
posted monthly to USENET. Mailed copies are sent when additions are made.
****
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SASE for updated copy as issued.

New England Area Ham - Electronic Flea Market *** DATES *** 1996 ***

Page 3 Electronic distribution only. This page has the overflow if any P3
from the paper version.
~~~~~~
1996 Contact Source
~~~~~~

21 April Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October

19 May Cambridge MA FLEA at MIT Nick 617 253 3776 F

16 June Cambridge MA FLEA at MIT Nick 617 253 3776 F

21 July Cambridge MA FLEA at MIT Nick 617 253 3776 F

18 Aug. Cambridge MA FLEA at MIT Nick 617 253 3776 F

15 Sept. Cambridge MA FLEA at MIT Nick 617 253 3776 F

20 Oct. Cambridge MA FLEA at MIT Nick 617 253 3776 F

LAST UPDATE 1-20-95 de W1GSL P 3

Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1995 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
****
~~~~~~

1381. Harvard HAM Stn folklore query

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 01:13:58 UTC
From: morawski@starbase.azrael.mitre.org
Message-ID: <MORAWSKI.95Feb1201358@starbase.azrael.mitre.org>
Source record: 252669

Remember the detailed story someone posted about the Harvard H.A.M
station whose call sign was the initials of its three operators, and
they appeared before congress, etc, etc? Could someone please forward
me a copy of that posting? I have a ham friend who works for C.I.S
(Congressional Information Service), and he said he could research the
veracity of the story VERY quickly with their electronically indexed
Congressional proceedings.

Thanks in advance, and PLEASE -- no flames.
If you flame me I'll just say 73s!

73,

Paul Morawski, AA3DD
morawski@ai.mitre.org

1382. TEST

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 01:26:48 UTC
From: hjbv2ic@tpts1.seed.net.tw
Message-ID: <3gpcco$619@aladdin.iii.org.tw>
Source record: 252767

[No readable article body recovered]

1383. test

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 01:36:07 UTC
From: hmn@i-2000.com
Message-ID: <3gpcu7$a64@i-2000.com>
Source record: 252670

Test

H. Mark Nadel
Internet Address: hmn@i-2000.com
Amateur Radio Station - NK2T
USAF Mars - AFA1FX

1384. Tower Zoning Case UPDATE (From Long Island, NY)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 01:51:54 UTC
From: hmn@i-2000.com
Message-ID: <3gpdrq$aaf@i-2000.com>
Source record: 252770

On Wednesday January 25, 1995, The Town of Hempstead re-heard the case of Mark Nadel, NK2T and
his request to maintain his 55 ft amateur radio tower. The presentation, lead by Nadel's attorney, Peter
Mineo of Forchelli, Schwartz, Mineo & Calino of Mineola New York along with expert testimony presented
by Professional Engineer Norman Wesler, K2YEW; FCC liason Howard Liebman, W2QUV; NY State Government Liason Frank Fallon, N2FF, and Professional Engineer Dick Knadle, K2RIW. In addition
more than 150 amateur radio operators showed up to support this precident setting issue.

The testimony took almost 2 hrs. to present to the members of the Zoning Board of Appeals. After hearing
all the evidence the Board made a motion to move the case to the decision calendar. At this moment we
are waiting for a decision. It will probably be about 30 days before we hear the decision.

As of this moment this case has cost more than $20,000. R.A.D.I.O., (The Radio Amateurs Defense &
Information Organization, has been funding this case and is in NEED of additional donations.

PLEASE be generous and send all donations to :

R.A.D.I.O.
c/o PO Box 343
Williston Park, New York 11596.

You can also keep up to date on this case by calling the R.A.D.I.O. information line by calling
516-735-2500 24 hrs/day.

Again your support is needed.

Thank You

1385. Re: Anyone have a list of famous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 02:24:18 UTC
From: dave@eram.esi.com.au
Message-ID: <3gpfoi$ok6@eram.esi.com.au>
Source record: 252771

In article <D3BF5K.67z@freenet.carleton.ca>,
as041@FreeNet.Carleton.CA (Robin Ludlow) writes:

| Dave: I plan to run the list in an upcoming issue of The Canadian Amateur,
| Canada*s national monthly amateur radio magazine.

Great!

| However, it is substantially the same as the list in the 1995 CQ Amateur
| Radio Almanac (they have a few more than appear in your list and also
| debunk some of the names).

Then CQ undoubtedly used my list, since I've never heard of that one (I started mine back in 1992). Well, I suppose plagiarism is the ultimate form of flattery...

| So, I will give you and CQ joint credit for my hybrid, master list.

I'd like to have a copy of CQ's for cross-checking, if that can be arranged somehow.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1386. re:Sked for the following states!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 03:27:58 UTC
From: rickhz@indirect.com
Message-ID: <D3CsAM.1xD@indirect.com>
Source record: 252772

In article <sdarragh-310195144225@mrobles-mac.cisco.com> sdarragh@cisco.com (Scott Darragh) writes:
>I need the following states to finish my WAS I only need 9 more please
>help. If you can help me out please do? I would like to do it on a
>weekend.
>
>Scott
Check Januarys QST Scott, there is a contest coming up
in February it is the New England QSO party.
I also need 9 more states confirmed, 7 of which are on
your list. Good Luck!
Rick AB7FH

1387. Tektronix 454's for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 04:16:50 UTC
From: rplab@world.std.com
Message-ID: <D3CuK2.JJ3@world.std.com>
Source record: 252773

I have 2 Tektronix 454's for sale. Both have traces, sweep etc, but need repair. One is missing one of the vertical channels, the other needs attention to the vertical selector switch. Both of these scopes are 100% legitimate and could be sent to Tektronix for repair if necessary

$300 for both.

W1IRH

1388. Hewlett Packard 1710B Scope for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 04:20:32 UTC
From: rplab@world.std.com
Message-ID: <D3Cuq8.KvM@world.std.com>
Source record: 252774

I have a HP 1710B Scope in good working condition. This is a 100 MHz
scope similar in size, shape and function to the tektronix 454.
$250

de W1IRH

1389. FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 04:27:42 UTC
From: opp@worldweb.net
Message-ID: <opp-0202950127420001@204.117.218.104>
Source record: 252775

Like to hear the upside and downside of the FT-530. Best and worst features. If u have one and love it, let's hear why. If you have (or had) one and hate(d) it, let's hear from you too.

1390. Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 05:14:49 UTC
From: hogant@unisys.co.nz
Message-ID: <1995Feb2.051449.11045@unisys.co.nz>
Source record: 252776

BACKGROUND:
I am a member of a the Kiwi Contest Group which competes under the calls of ZM2K or ZL2NX. Our group, of some 20 members, enters the big international contests such as CQWW each year. In doing so we end up with in excess of 10,000 QSL cards per year presenting us with daunting task to reply. Our group maintains a database of each QSO which is used to check and log the QSL information.

PROPOSAL:
We would like to propose that other groups and individuals seriously think about placing a BAR-CODE on their QSL cards. This would enable us to more automate the QSL process. At a minimum the BAR-CODE should contain the callsign, however, more thought could be given to the format. For example it could also contain, as an option, the band, mode, QSO date etc.

I would welcome as much feedback on this idea, either to me personally or back to this News Group.

To start the ball rolling, our group will be placing a small BAR-CODE containing the callsign only, on each of our new cards.

Tim Hogan de ZL2BI
Internet hogant@unisys.co.nz

1391. Lafayette,LA HAMFEST '95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 05:17:33 UTC
From: pws8157@ucs.usl.edu
Message-ID: <3gpptd$cte@rouge.usl.edu>
Source record: 252777
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.swap,rec.radio.shortwave,rec.radio.swap

35th Lafayette Hamfest
March 10-11-12, 1995
Holidome - Holiday Inn Central
Lafayette, Louisiana

The 35th Annual Acadiana Amateur Radio Association (AARA) Lafayette Hamfest
will be held at the Holidome just south of the intersection of I-10 & I-49.

There will be commercial dealers, a flea market, technical forums, tours for
those interested in the area's attractions, the famous AARA fox hunt, and
plenty of Cajun hospitality.

The Quarter Century Wireless Association (QCWA) Cajun Chapter #189 will host
a dutch treat breakfast buffet at 8:00 a.m. on Sunday, March 12th.

FOR MORE INFORMATION:

If you'd like to find out how you can reserve swap tables, or pre-register,
or attend the V.E. test session, or anything else..... Please contact:

LAFAYETTE HAMFEST '95
Acadiana Amateur Radio Association
P. O. Box 51174
Lafayette, LA 70505-1174

Hope to see ya'll der, cher!

73 de ka5nmn
pat

* *
* Patrick W. Soileau, KA5NMN * packet: ka5nmn@w5ddl.#lft.la.usa.noam *
* 101 Amethyst Lane * Internet: ka5nmn@usl.edu psoileau@usl.edu *
* Lafayette, LA 70506-3844 * pws@usl.edu pat@usl.edu *
* Home Phone: (318) 989-8940 * "These are my own views & comments, not USL's"*
* *

1392. Re: 440 Repeaters in SoCal

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 05:23:57 UTC
From: dgbart@primenet.com
Message-ID: <3gpq9d$en2@news.primenet.com>
Source record: 252628

In article <jlowmanD3AMnt.Hs7@netcom.com>, jlowman@netcom.com said...
>
>I've been "off the planet" so to speak, for the last few years, and am
>interested in upgrading my station.
>
>There seems to be quite a bit of FM activity on the 70 cm band here in
>SoCal, but I notice that many, if not most, of the repeaters are listed as
>"closed" in the _Repeater Directory_ from ARRL.
>
>I certainly don't want to minimize the costs involved with running a
>repeater, or to challenge, in any way, the right of individuals or clubs to
>do so. I'm just curious, since the trend is opposite that on 2m.
>
>Just trying to justify the cost of a new rig.
>

That is indeed a very important question around Southern California. I
talked with some people who have 440 equipment and aren't in the "In Crowd."
There are very few open repeaters on 440, and no one on the others will talk
to you because you aren't a member. Therefore I decided a few years ago not
to invest in any 440 equipment. I recommend 220 however, it's less crowded
and there are all sorts of open machines, FAR more than on 440 or 1200.

-Dave

1393. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 06:41:32 UTC
From: sdarragh@cisco.com
Message-ID: <sdarragh-020295144132@mrobles-mac.cisco.com>
Source record: 252629

>
> PROPOSAL:
> We would like to propose that other groups and individuals seriously
> think about placing a BAR-CODE on their QSL cards. This would enable
> us to more automate the QSL process. At a minimum the BAR-CODE should
> contain the callsign, however, more thought could be given to the
> format. For example it could also contain, as an option, the band,
> mode, QSO date etc.
>

--

Just as a thought in place of the barcode stating your made, mode, signal
report
Why not have it include the following:

Call
Country
City
State
Zone (maybe)

Thid would allow a ham to have a single barcode placed on every one of his
QSL cards at time of printing. Secondly, all that would need to be added
would be the freq, mode, rst and time. Just my thoughts and opinions.

Scott

Scott R. Darragh A.R.S. KE6MGW "When you win you get a feeling of

sdarragh@cisco.com exhilaration. When you lose you get
Cisco Systems, Inc. a feeling of resolution. You resolve
800-326-1941 x7173 never to lose again." -V. Lombardi

1394. Re: WANTED: Icom IC-735 product review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 06:59:28 UTC
From: little@iamu.chi.dec.com
Message-ID: <3gpvsg$fm7@jac.zko.dec.com>
Source record: 252630

In article <3goonp$pfr@vixen.cso.uiuc.edu>, ignacy@misz.animal.uiuc.edu (Ignacy Misztal) writes:
|>In <phb.791667198@melpar>, phb@syseng1.melpar.esys.com (Paul H. Bock) writes:
|>>
|>> I am interested in any published Product Reviews on the Icom
|>>IC-735 transceiver. According to the ARRL archives, there has
|>>never been one in QST. However, if anyone knows of a review on
|>>this particular unit in another publication, and can provide a copy
|>>to me by USnail, please e-mail me and I will be happy to reimburse
|>>the cost of photocopying and postage.
|>>
|>>73 DE K4MSG e-mail to pbock@melpar.esys.com
|>
|>It was in one of the 1986 issues of QST.

According to the index of QST reviews, it is in the Jan 1986 issue and
was reviewed by Bob Schetgen (KU7G).

73,
Todd
N9MWB

1395. Morse Code Font WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 07:01:05 UTC
From: cslye@netcom.com
Message-ID: <cslyeD3D25t.Ayw@netcom.com>
Source record: 252631

I am in need of a morse code font for windows, if you have one for the mac
that would also work. I dont read the group much so if you could email me
about where I can find one, or if you have one... Thanks alot!
--
cslye@netcom.com

Practice safe hex, wear a write-protect tab

1396. QSL info on WWW: IK4LZH notes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 08:09:42 UTC
From: Gianluca Mazzini <gmazzini@deis.unibo.it>
Message-ID: <3gq406$nh7@sirio.cineca.it>
Source record: 252632

After a week of service the server
http://promet12.cineca.it/htlzh/qsl.html
that I will organize seem to work very well (except for
networking problems and black out, hard to be solved).

A lot of OM are interesting on it and I hope that if
everyone that visit it insert at least a new QSL route the
system will be very updated. Moreover, if you have a long
QSL info list that you want insert, you can send me for an
automatic processing.
All the comment, suggest in order to improve the service
are welcome, please report all problem you found.

Finally, I wan't remark that the 'search' command must not
used with stroking call, because the stroking are reported
in information fields in order to support multiple
potential dx-spediont. The 'try' command is very interesting
to search with not complete call knowledge and help you
to complete your log. 'Try' should be used with wildcards,
as reported in the help.

Enjoy yourself using the QSL info.
73 de IK4LZH Gianluca

1397. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 09:22:29 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3D8pH.5v6@news.hawaii.edu>
Source record: 252637

In article <7740-198378402@commspec.com> richwood@commspec.com writes:
>
>Jeff,
> It would be much more accurate to say it's ONE mode requiring some
>level of mental skill. For a QSO to be interesting, any mode requires
>mental skill. I'd bet RTTY operators would insist their mode requires a
>certain level of skill, as would satellite operators and microwave
>folks.

But Rich, the act of communicating via rtty consists of taping on
a keyboard. That `skill' is not something that would take anyone
long to acquire. Satellite and microwave operating consists of
setting this knob and pushing that button. Where's the skill?
You could write out a brief set of instructions and any newcomer
would be able to operate rtty, satellite, or microwave. (The military
is very good at writing such instructions [speaking from experience].)

Note that I am not discussing the skill required to build equipment
for said modes. But so few hams build their own gear today that I shouldn't
even have to add that disclaimer. Along these lines let me include the
following with regard to a radio parts supply company going out of business:

****
Sorry to hear of another QRP supplier down the drain. Tejas dropped ham gear
and this may not be news, but it is the first I have heard about Townsend
Electronics going out of business. Here are a few words from Jim Townsend:
``We consider it another nail in the coffin of Amateur Radio. The high costs
of advertising in magazines combined with the lack of building expertise of
the average ham, has made it impossible for us to continue. The demand for
amateur radio products which have to be made by the amateur or used as parts
in radios, just is not there in enough quantity to keep a viable business
afloat in the sea of commercially available equipment. ....It is fortunate
that the QRP clubs are keeping alive the ham spirit and encouraging building
and experimentation.''
****

Sigh.

Jeff NH6IL

1398. Re: Callbook people address ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 12:22:41 UTC
From: amsoft@epix.net
Message-ID: <3gqiqh$oe@grape.epix.net>
Source record: 252639

>What I need and don't have is the callbook people's latest address...
>Any help ?

The present address for the "CALLBOOK" is:

Watson-Guptill Publications
A Division of BPI Communications, Inc.
1515 Broadway
New York, New York 10036, USA

The Editorial and Order offices are located at:

1695 Oak Street
Lakewood, NJ 08701, USA

Telephone: 908-905-2951 between 9am-5pm EST

Pete, KC3TL
amsoft@epix.net

F R E E H A M N E W S L E T T E R
o)(o
#C# _> A free newsletter about The World of Ham
\ ___/ / Radio CD-ROM is available by sending your
| / __/ present E-Mail address to amsoft@epix.net
/____\ / //

1399. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 13:10:25 UTC
From: PETER@EMBL-HAMBURG.DE
Message-ID: <3gqlk1$p0s@dscomsa.desy.de>
Source record: 252641

In <3gml6l$lmm@jaxnet.jaxnet.com> andy@jax.jaxnet.com writes:

> In reference to NiCd memory effect:
>
> I don't know much about electronic trouble-shooting, but I know there's a
> good product on the market: battery conditioners.
>

Choose a resistor of the right wattage (V^2 / R) to carry a reasonably high
current when it is put across the battery terminals.
Monitor the voltage until it falls to just below 1.1 V per cell, NO LOWER
It takes a long time before it goes down, and then it goes suddenly!

Put it on the charger as normal until it is fully charged.

Put the resistor back on again and discharge it again. Recharge it.

I have done this on occasions with the battery out of the Macintosh PowerBook
laptop computers and the battery pack for my Sony Camcorder (6.5v), with
my cordless phone (3.9 v) and with my Kenpro KP202 Handy 2m rig (13v) and
found that it usually needs two cycles but can need three.

(example - the panasonic ni-cads out of the Kenpro are marked "charge 15 hours
at 60mA - I discharged them with a 68 ohm 2w wirewound resistor across the
ten cells = 13v, about 200mA)

Best solution I found was to replace the ni-cads with Ni-MH, nickel
metal-hydride cells, which work like a dream in the camcorder and has given
no trouble in the Handy.
(Actually "Varta" batteries. They do the Sony battery pack and the individual
cells in their program.)

73's de DJ0JR.

Peter Bendall Computer Manager
European Molecular Biology Laboratory, Hamburg Outstation.

Internet: Peter@EMBL-Hamburg.de | Tel: +49 40 - 899 02 133
Home: http://www.embl-hamburg.de/~Peter | FAX: +49 40 - 899 02 149
Fido: Peter.Bendall@2:240/4036.4 | Amateur Radio: DJ0JR or GW3NBU
== GAT d@(-) -p+ c+(++) l@ u-() e? m@ s+/+ n+ h?(---) f- g@(+) w+ t r y?(@) ==

1400. Re: Bad Publicity For Hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 13:16:13 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <791730973snz@microvst.demon.co.uk>
Source record: 252642

In article <3gonrd$i39@crl10.crl.com> arthurc@crl.com "Arthur Chandler" writes:

> This is an excerpt from a recent article on Kevin Mitnik, a notorious
> hacker whose story is recounted in Hafner and Markoff's book *Cyberpunk*.
> Mitnik is a general-class ham (you can look up his callsign in the QRZ
> CD-Rom). But what especially annoys me is the implication -- utterly
> false, as folks here know -- that you have to be a Ham to own and operate
> a scanner.

That level of reading ability will allow residents of Sepulveda to make
the same complaint.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

1401. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 13:37:01 UTC
From: r2ka3qen@freenet3.scri.fsu.edu
Message-ID: <3gqn5t$re4@freenet3.scri.fsu.edu>
Source record: 252643

Bob grow up. The net is for the dispursement of information. Who put you in charge?

1402. ARLX011 Morse champ dies

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 13:54:07 UTC
From: w1aw@arrl.org
Message-ID: <$arlx011.1995@ampr.org>
Source record: 252644
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX011
ARLX011 Morse champ dies

ZCZC AX80
QST de W1AW
Special Bulletin 11 ARLX011
From ARRL Headquarters
Newington CT February 2, 1995
To all radio amateurs

SB SPCL ARL ARLX011
ARLX011 Morse champ dies

Harry A. Turner, W9YZE, died December 21, 1994, in Alton, Illinois. He was 88 years old.

While in the service in 1942, OM Turner was clocked at 35 wpm using a hand telegraph key, said William J. Garrett, KB8NTE, of the Morse Telegraph Club, a record still standing and recorded in the current Guinness Book of Records.

According to a 73 Magazine article in 1976, Turner in 1964 applied to the Signal Corps for certification of his code speed record, which had been witnessed by General Ben Lear, and got it. Turner said he handled code under ''business'' conditions and learned to concentrate accordingly.

Among Turner's survivors are his wife, Edith.
NNNN
/EX

1403. FOUND: IC-735 Review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 13:59:07 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.791733547@melpar>
Source record: 252645

ignacy@misz.animal.uiuc.edu (Ignacy Misztal) writes:

>In <phb.791667198@melpar>, phb@syseng1.melpar.esys.com (Paul H. Bock) writes:
>>
>> I am interested in any published Product Reviews on the Icom
>>IC-735 transceiver. According to the ARRL archives, there has
>>never been one in QST. However, if anyone knows of a review on

>It was in one of the 1986 issues of QST.

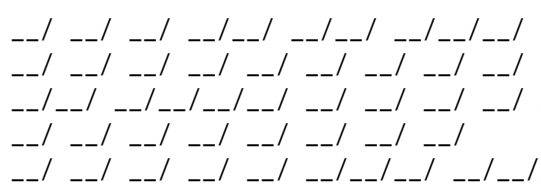
Ignacy, thank you. You are indeed correct. I downloaded the ARRL
list of QST articles on Icom equipment (icom.txt) and it was remarkably
small, which I found curious given Icom's popularity over the years, and
it didn't include a IC-735 review. This led to my original post.

Following your response, I went back into the ARRL Master Index and
downloaded prodrev.txt which lists all of the Product Reviews, and voila!
there were a *lot* of Icom reviews. So, it appears that the ARRL file
icom.txt is incomplete in regards to listing everything in QST about
Icom (kenwood.txt is a much larger file and lists a lot of Product Reviews,
so I suspect that it is correct although I haven't checked its listings
against prodrev.txt for accuracy and completeness).

Anyone wishing to find specific articles might be well-advised to
cross-reference to other textfiles, if available, which may carry the
same info, to ensure that a desired article isn't overlooked because it
was inadvertantly left off of one list. Probably a good task for someone
at ARRL HQ to do a cross-reference check for errors and/or omissions.
;-)

BTW, the IC-735 Product Review is in the January 1986 QST.

73 DE K4MSG



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

1404. Re: 10 meter Activity ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 14:15:41 UTC
From: etjfonte@ci.ua.pt
Message-ID: <3gqped$ooq@info.ci.ua.pt>
Source record: 252646

Aditya Angrish (aditya@corp.sgi.com) wrote:
: Is there ANY 10 meter activity I can get from Santa Clara, California?

: Aditya
: KE6PRL.

I'm every day QRV on 10m on 28.425 and 28.495 , but propagation cndx
are not the best rigth now for overseas QSOs.
Sometimes there are some openings to east coast of USA.
Let us way for a better solar flux...Sun cycle is going down!!!
Keep QRV on 10...THE BEST BAND FOR DX ! when it works , 8-)
73's de CT1ENQ

--
|---|
Jose' Miguel M.B.Fonte	Aveiro University - PORTUGAL - EUROPE
Box 108 - 4801 Guimaraes - PT.	Electronics and Telecomunications Dept.
E-mail : etjfonte@ci.ua.pt |---|-----------------------------------
PACKET : CT1ENQ@CT1EDY.CTAV.PRT.EU	Ham:CT1ENQ - Univer.Club: CT6ARU
In my vanity I thought I could be anything to please her.
Found finally that I was just what I am.
Ralph Cherubini

1405. All U of Maryland W3EAX people!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 14:17:29 UTC
From: ham@wam.umd.edu
Message-ID: <3gqphp$sol@cville-srv.wam.umd.edu>
Source record: 252647

The 1995 version of the University of Maryland Amateur Radio Association will be having a potluck dinner in late February and wishes to invite all hams who have been involved with W3EAX, the U of MD's club station.

If you were involved in the radio club, or know someone who was, PLEASE have them get in touch with me as this will be a REALLY good time (we hope) for all.

P.S. It will be held in the suburban Maryland about 10 miles from campus.
--
72 and 73! _________ _________ The
301-901-9209 (fax) 301-901-9260 (w) 301-549-1022 (h) \ / Long Original
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live $5.00
WAC-CW/SSB WAS DXCC - 136 QSLed on dipoles __________| Dipoles! Antenna!

1406. Re: NOVICE ROUNDUP (last

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 14:29:14 UTC
From: tigger@prairienet.org
Message-ID: <3gqq7q$mck@vixen.cso.uiuc.edu>
Source record: 252648

In a previous article, derekt@col.hp.com (Derek Toeppen) says:

>Brian Carling (brian.carling@acenet.com) wrote:
>: Newsgroups: rec.radio.amateur.misc
>: From: brian.carling@acenet.com
>
>: SEK>Yeah, this would be a good thing. Give some Novices/Techs some QSO's this
>: SEK>week. And all you Novices & Techs out there, if you don't operate much
>: SEK>CW, this is a great time to dust off the key.
>
>: SEK>73,
>: SEK>Sean
>
>: Sean - interestingly the 21.100 - 21.200 segment of 15 meters was
>: completely devoid of signals during the great DX band openings
>: of this past weekend. I tried byt found no novices on the air.
>
>: AF4K
>: brian.carling@acenet.com
>: ---
>: • SLMR 2.1a • All that is not eternal is eternally out of date. CSLewis
>
>
>
> Odd. I had no problem finding them. There were some rough band
>conditions with signals fading in and out in a matter of minutes. But
>thats long enough to exchange the needed information in a contest.
>

Indeed... Besides, 40m & 80m have had lots of activity in the Novice bands
this week...I've prolly worked 30 guys in the NR so far. We've even had
NR spots on the local cluster! Annoying to some, but I still think it's
great.

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:302 worked/283 cfmd

"A village without music is a dead place." -Yoruba proverb

1407. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 15:46:07 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb2.154607.25185@ke4zv.atl.ga.us>
Source record: 252649

In article <D3Boxo.A2w@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>
>: Since galvanized (and today, painted before assembly) steel body
>: panels and structural members offer a considerably higher resistance
>: than copper wire, the alternate current path through the antenna
>: ground connection is essentially short circuited by the copper negative
>: lead direct to the battery. A fuse may have up to 0.1 ohm resistance
>: for a typical 20 amp cartridge fuse, but the body panel connection will
>: almost always be greater than 1 ohm. This 10x lesser resistance via the
>: negative lead will eliminate most of the common path current modulation.
>
> I only disagree with Gary on rare occasions, but surely that "almost
>always be greater than 1 ohm" must be at least one order of magnitude
>off target ? If the best via-frame connection to the battery (-) you can
>get is 1 Ohm, then the greatest power that could ever be received by
>ANYTHING using a bodyshell return is 6 amps at 6 volts on a car with a
>12v battery =36 Watts (with alternator running, say 6.9v and 6.9A = 47.6
>Watts)
> Bolted-on panels (and glued on ones too nowadays) are often very
>poorly bonded (electrically), but the welded steel monococque has very
>low point-to-point resistance. The art is in making sure you don't try
>to connect to add-on panels instead of the main structure. Remember
>that many cars have the starter return path passing through the
>bodyshell. Have 1 ohm and you won't start an engine.

Well, David, I expect your Land Rover is made considerably differently from a typical Detroit vehicle. A "welded steel monococque" indeed. :-) I'm afraid Detroit vehicles don't meet that criteria in any way meaningful to the mounting of radios. Let me give as example my 1987 Jeep Commanche.

The exposed dash is completely plastic, so the radio mounting bracket won't be connected to metal at all. The nearest body metal is the firewall, or the floor pan, depending on the exact mounting position chosen. These are parts of the main cab which is mounted to the frame via rubber bushings. The firewall has a single #16 wire bonding it to the frame. All parts are painted before assembly.

When I bought the truck, I noticed that the instrument lights would dim in time with the turn indicator. Investigation showed that the instrument cluster was "grounded" to the firewall by a single #16 wire. The firewall connection used a star washer to bite through the paint on the firewall, but not very well. After some sanding,

I got a better bond, but the instrument lights still dimmed a bit when the turn indicator illuminated. Further investigation located the single #16 wire that connects the cab to the frame. It too used star washers to bite through the paint on the firewall and on the frame. More sanding got good connections at both of those points. Now the instrument lights wouldn't dim in time with the turn indicator, but still dimmed when the AC blower started. Replacing the #16 wire from cab to frame with a heavy copper strap, bolted at each end to cleanly sanded points, finally stopped that problem.

Now I'm not a "horn" driver, so I didn't blow the horn for the first 6 months I owned the truck. My uncle, who is a "horn" driver, asked what the horn sounded like, so I attempted to give it a test. All I got was a mournful little "meep". After a good deal of hunting, I found the horn, bolted to the frame behind the front bumper. To get to it, I had to remove the bumper. Anyway, paint again. After sanding the mating surfaces, the horn would emit a strong "BEEP".

Now the service light under the hood burned not at all. After checking the bulb, and the +12 volt lead, and finding them in order, I measured the resistance from hood "ground" to the battery negative. It was several thousand ohms. You guessed it by now, *paint* again. Sanding, and a couple of copper straps around the hood hinges, fixed that.

Now the entertainment radio emitted strange "pops" from time to time. Getting wise by now, I checked the resistance from fender to the entertainment antenna coax shield, over 500 ohms, but varying when beat upon. Ah, more paint.

[Note: the truck started and ran fine. Investigation showed that the battery negative lead attached via the same *unpainted* bolt to the frame as the engine block ground strap. The bolt carried the current, not the frame.]

Meanwhile through all of this, the 2 way radios worked fine because they used the "2 wires makes a light" philosophy and were wired directly to the battery via two fused heavy leads. I don't recomend using "chassis" as a path for any electrical current demand in a vehicle unless you own a body sander and stock in a star washer company.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1408. Wellll...not exactly ham radio related

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 15:47:06 UTC
From: treit@seanet.com
Message-ID: <treit.165.000FC971@seanet.com>
Source record: 252698

I looked and looked for an appropriate newsgroup, but just couldn't find one :)

Besides, my experience has been that if there is a group of enthusiasts who happen to be Internet experts, it's hams.

Anyway, my question is this: how do I go about creating a new NewsGroup? Being one of the few in our family with Internet experience, I was asked to create a Newsgroup to accomodate my sister (and her many friends) who are Paragliding enthusiasts. I gave my Internet book to someone for Christmas, and now I'm stuck.

Please Email any advice.

Thanks, 73's

-Mike KB7QOP

1409. Re: UK Freqs - Central Scotland

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 15:49:07 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D3DqLw.Cw3@hpqmoea.sqf.hp.com>
Source record: 252650
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

Class Entry (caix035@ccsun.strath.ac.uk) wrote:
: I am looking for some specific freqs for central Scotland, military,police
: ambulance etc, if you know any then either post or mail me.
: Bob Smith

In Britain, it is illegal to listen to these things. The penalties
are rather large and/or long. Of course, such a crime is virtually
undetectable unless the perpetrator is either seen doing it, or in some
other way reveals that he has done it, perhaps by posting it on a public
forum ?

One police force used a spoof message (a flying saucer report!) over
its radio system, then sat back and arrested all the scanner toting
fools who turned up at the reported location :-)

Radio users are fast turning to encrypted systems for anything
of any importance, so, if you do try listening, it will likely prove
boring or indecipherable.

Cheers
David

1410. The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 15:54:36 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3gqv7s$5re@cat.cis.Brown.EDU>
Source record: 252651

Welp, here's another fine example of what lowering standards in the hobby has given us. This guy deserves to go to jail. We can't have idiots like this out on the bands. Maybe he could volunteer to be a poster boy for genetic engineering.

Providence Journal Bulletin
Friday, January 27, 1995
Page C-6

Glocester man charged with threatening to poison reservoir
By Ken Mingis

Police said a Glocester man broadcast threats over a state-used radio frequency to bomb and poison the Providence-owned Scituate Reservoir system -- then was arrested at his home yesterday after he used his HAM radio to identify himself and declare that the threats had been a "mistake".

Steven P. Savoie, 26, of Snake Hill Road was charged with making threats or false reports of bombs being placed, and was released pending District Court hearing, state police said.

Mayor Vincent A. Cianci, Jr. said there was no apparent motive for two threats Savoie, using phony accents, made -- the first, on Tuesday, to explode bombs at reservoir facilities, and the second, yesterday, to dump cyanide into the Providence-owned reservoir system.

"I believe he thought it was a joke", Cianci said.

After the threats, security at the water system was tightened and Cianci yesterday held a televised news conference to disclose what was going on.

A short while later, Savoie allegedly broadcast that the earlier threats -- made on a frequency used by the Department of Environmental Management -- were mistakes, and disclosed his name and address. That broadcast was heard by DEM officials, who called state police.

Providence police accompanied state police to Savoie's home where he was arrested without incident about 2:45pm, Cianci said.

"He said he saw me on TV and didn't realize he was causing such a commotion," said Cianci.

State police Capt. Gerry Drissette said police had taken the threat "very seriously". The water system provides drinking water to about 600,000 people in 12 communities.

The mayor said media inquiries had initially prompted him to call the news conference to announce tighter security around the Scituate Reservoir and three smaller reservoirs in Cranston, Johnston, and North Providence.

In addition, Providence Water Supply Board officials were testing the water every hour to ensure it was safe to drink. Tests are ordinarily done twice daily.

Cianci said a man who called himself "Ahmad" Wednesday broke in on a radio frequency used by DEM and threatened to explode canisters of cyanide that he said were at the reservoir if his demands were not met.

Officials from the Federal Communications Commission were alerted because using the airwaves to broadcast threats could lead to federal charges, Cianci said.

The reservoir contains "billions" of gallons of water, according to Richard Rafanovic, general manager of the water supply system. It would take tons of cyanide to fully contaminate it, he said.

You have to wonder: This guy was stupid enough to open his mouth. Had he not, would they have every found him? Probably not.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1411. northern Illinois hamfest/computerfest calendar

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 16:24:35 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3Ds8z.3BH@nntpa.cb.att.com>
Source record: 252581
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1995 - NORTHERN ILLINOIS |
last updated February 2, 1995 |

o Please report additions or changes to Bob Parnass,
AJ9S, office phone: (708)979-5414, electronic
mail: parnass@ihlpf.att.com. Thanks to Dennis |
Dale for providing much of this information.

FEBRUARY |

Feb 19, Sunday: Rock Island, IL - Davenport Hamfest,
QCCA Expo Center, 2621 4th Avenue, Rock Island. Admis-
sion $5. 7:30 AM - 3:30 PM. Info, SASE to Kent Willi- |
ams, 4245 10th St., East Moline, IL 64244. tel |
(309)796-0718. |

MARCH

March 19, Sunday: Sterling, IL - Sterling-Rock Falls |
Amateur Radio Society hamfest 95. Sterling High School |
Field House, 1608 4th Ave. Admission $4. Starts at |
7:30 AM. Info, call Lloyd Sherman, (815)336-2434. |

March 26, Sunday: Grayslake, IL - LAMARS hamfest, Lake
County fairgrounds. All indoors. Doors open at 8 AM.
Setup at 6 AM. Talk-in on 147.945/147.345 and 146.52
MHz. Admission $5. Info, call Frank Avellone, W9GLO,
(708)234-4124 before 10 PM. |

APRIL

April 9, Sunday: Rockford, IL - Electronics Expo & Ham- |
fest. Rockford Metro Center. 300 Elm Street. All
indoors. 8 AM - 1:30 PM. Talk-in on 146.61, 223.88. |
Admission $5.00. Info, Wayne or Fay (815)397-6027. |

April 28, 29, 30: Dayton, OH - Dayton HamVention. Hara
Arena, Information, General: (513) 276-6930, *
Write: Hamvention, Box 964, Dayton, OH 45401-0964. |

May 28, Sunday: Chicago - Chicago ARC. DeVry Insti-
tute, 3300 N. Campbell. Starts 8 AM. Setup 6 AM. |
Admission $5. Kids under 12 free. Talk-in 147.255,
444.825. Info, (312)666-1606 or (312)545-3622. |

JUNE

June 4, Sunday: Princeton, IL - Starved Rock Radio |
Club. Bureau County Fairgrounds. Admission $5.
Talk-in 146.355/955. Info, Bruce or Debbie Burton, |
KU9A (815)795-2201. |

June 11, Sunday: Willow Springs, IL 6 Meter Club Ham-
fest, Six Meter Club of Chicago. Santa Fe Speedway,
91st Street and Wolf Road. Admission $5. Gates open
6AM. Talk-in on 146.52 simplex or 146.97 repeater.
Info, call Joe Gutwein, WA9RIJ, at (708)963-4922.

JULY

July 23, Sunday: Sugar Grove, IL - Fox River Radio |
League (FRRL) Hamfest, Waubonsee Community College, |
Route 47 at Harter Road, 5 miles NW of Aurora, IL. Set
up Sat 7 PM, Sun 6-8 AM, open to public 8 AM. Commer-
cial dealers, flea market, computer vendors, refresh-
ments. VE session: 10 AM (bring original license, a |
copy of license & photo ID). Free parking, camping |
nearby. Talk In on: 146.58/147.66. Adm: adv $4, door |
$5. Table: 8 ft $10. For advance tickets and informa- |
tion contact: Fox River Radio League, Box 673, Bata-
via, IL 60510-673 or call |

AUGUST

August 27, Sunday: Woodstock, IL - Tri-County Hamfest, |
Sponsor: Tri-County Radio Group, Inc. McHenry County
Fairgrounds, Rte. 47 Junst North of Rte. 14. |
(Only 14 miles North of I90 on Rte. 47.) 6 AM - 3 PM.
Advanced Tickets: $4.00, At The Door: $5.00 For advance
tickets send check to: T.C.R.G., P.O. Box 3107, Skokie,
IL 60076-6107 Information: 708-658-1678 Talk in on:
146.52 |

SEPTEMBER *

September 10, Sunday: Joliet, IL - Bolingbrook ARS |
Ham/Computerfest, Inwood Recreation Center, 3000 W.
Jefferson. This is a medium size hamfest with
indoor/outdoor flea market. Gates open 8 AM for gen-
eral public. Outdoor flea market on paved lot -- setup
at 6 AM. Use Exit 253 from I55, or Exits 126/130 from
I80. Admission $5. VE testing 9 AM - 12 noon. Bring
original license and photocopy, ID and photo ID, plus |
$5.95 test fee. Novice-only tests are free. Talk-in
147.33, 224.54, and 443.525 MHz repeaters. Indoor
table reservation, call Ed Weinstein at 708-085-0527.
Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM. |

COMPUTERFEST SCHEDULE *

Feb 12, Sunday: Dolton, IL - Computer Show Dolton Expo |
Center, 14200 Chicago Rd. 9:30 AM - 3:30 PM. Adults |
$6, Kids $2. Call (708)974-3123 for info. |

March 5, Sunday: Dolton, IL - Computer Show Dolton Expo |
Center, 14200 Chicago Rd. 9:30 AM - 3:30 PM. Adults |
$6, Kids $2. Call (708)974-3123 for info. |

Computer Central, College of DuPAGE, Main Arena of the
Physical Education Building Park Blvd & College Road, |
Glen Ellyn, Il. 708-940-7547. $5 admission with card, |
normal admission $6.00. Opens 9:30 am - 3:00 pm.

1995 Show dates |
Jan 22 |
Feb 26, |
Mar 26 (at Harper College) |
Apr 23 |
May 21 |
June 18 |

Orland Park Computer Show held at The Orland Park Civic
Center, 147th Street & LaGrange Road, Orland Park, Il.
9:30AM - 3:00PM. Call 708-974-3123 for information or
to get on mailing list. Admission $5.00 or $4.00 with
card.

1995 Show dates |
Jan 15 |
Feb 19 |
Mar 19 |

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1412. Repeaters in San Francisco Area?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 16:45:06 UTC
From: kreifels@intel.com
Message-ID: <kreifels.791743506@fmwu23>
Source record: 252652

I will be in San Francisco downtown area on business in the middle of
February, and would appreciate a list of 2m/70cm repeaters accessable
by handheld from there. Please include PL, sponsoring group if known,
and any other interesting details (nets, special interests on the freq.,
etc.) Reply by post or email. Thanks.

Jerry, KO6JV
Jerry_A_Kreifels@ccm.fm.intel.com
"My opinions, not my employer's."

1413. RE: Info-Hams Digest V95 #51

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 16:45:33 UTC
From: KEETER%ALPHA1.DEcnet@SCFE.CHINALAKE.NAVY.MIL
Message-ID: <0098B601.CE356CD0.27@SCFE.CHINALAKE.NAVY.MIL>
Source record: 252653

```
Unsubscribe
```

1414. TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:03:01 UTC
From: P22407@email.mot.com
Message-ID: <1995Feb2.172608.20328@schbbs.mot.com>
Source record: 252654
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I am running a chase vehicle for a off-road race team. I perfer NOT to pay the inflated prices race-radio companies charge for inferior equipment. I instead would perfer to get my licence and buy a radio I can also use for 2-meter. Here are some questions:

Can a good 2-meter radio (Kenwwod, Icom, etc.) be modified to transmit in the 150 to 154mhz range? Do I need a permit (you dont even need a licence to use a race radio!)?

What is MARS/CAP use?

If I get a handheld, can I get an amp that operates on 12vdc to boost my signal? In a typical race, the car may be as far away as 50+ miles over rough terrain.

Can a 2m base station antenna be easily tuned to 152mhz?

Thank you in advance for any advice in this area. I have contemplated getting into amateur radio for a long time, and this may just push me in!

Dave Andrews P22407@email.mot.com
Motorola GSTG Scottsdale, AZ

1415. Re: CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:25:18 UTC
From: roh033.mah48d@rohmhaas.com
Message-ID: <roh033.mah48d-020295122508@136.141.220.39>
Source record: 252655

In article <2a6.5106.545@acenet.com>, brian.carling@acenet.com (Brian Carling) wrote:

> Newsgroups: rec.radio.amateur.misc
> From: brian.carling@acenet.com
>

>
> RI>How do you send CW in Japanese, Chinese, Hebrew, or Arabic?
>

There are also CW alphabets for each of these. Check a recent copy of the ARRL Handbook.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

1416. ARRL Logos available via Anonymous FTP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:31:18 UTC
From: scotte@ccs.neu.edu
Message-ID: <199502021731.MAA23546@ararat.ccs.neu.edu>
Source record: 252656

Hello to all.

This is to announce the availability of the following black and white scanned logos: ares, arrl, nts (National Traffic System), and ssc (Special Service Club).

These images are in GIF (Graphical Interchange Format), and are available on the Boston Amateur Radio Club's anonymous FTP area on oak.oakland.edu.

The complete path is:
oak.oakland.edu:/pub/hamradio/arrl/logos

There are two versions of each file, as the README file explains.

Some programs may interpret one image as a 'negative', or white logo on a black background. The other gif is the 'positive' version.

The logos are names as: arrl1.gif, arrl2.gif, ares1.gif, ares2.gif, ssc1.gif, ssc2.gif, nts1.gif, nts2.gif.

The images were scanned as black and white, full-size, from the originals (supplied by the League).

If you have any questions about the images, please let me know.

73,

Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

1417. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:34:10 UTC
From: aa010@detroit.freenet.org
Message-ID: <3gr52i$mjl@detroit.freenet.org>
Source record: 252657

In a previous article, md@pstc3.pstc.brown.edu (Michael P. Deignan) says:

>Welp, here's another fine example of what lowering standards in the
>hobby has given us. This guy deserves to go to jail. We can't have
>idiots like this out on the bands. Maybe he could volunteer to be a
>poster boy for genetic engineering.
>
>
>
>Providence Journal Bulletin
>Friday, January 27, 1995
>Page C-6
>
>Glocester man charged with threatening to poison reservoir
>By Ken Mingis
>
>Police said a Glocester man broadcast threats over a state-used radio
>frequency to bomb and poison the Providence-owned Scituate Reservoir
>system -- then was arrested at his home yesterday after he used his
>HAM radio to identify himself and declare that the threats had been a
>"mistake".
----------stuff deleted----------

>You have to wonder: This guy was stupid enough to open his mouth. Had he
>not, would they have every found him? Probably not.
>
>MD
>
>
>--
>-- Who needs looks when you have taste?
>--
>-- Your blood pressure just went up.
>
So, what was this guy's "HAM" call, so we know that he is one of the
evil "no coders?" I fail to see the connection. As we all know,
the press often describes anyone with a transmitter,or lately even a
scanner, as a "HAM operator." Even less credibility when the
word is shown in caps. He is most likely not a no-code ham, but
what we used to call a bootlegger. They should have called him a CB'er:-).

Chuck Reti WV8A Detroit,MI
aa010@detroit.freenet.org

1418. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:35:12 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.791746512@melpar>
Source record: 252658

md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:

>Welp, here's another fine example of what lowering standards in the
>hobby has given us. This guy deserves to go to jail. We can't have

>Providence Journal Bulletin
>Friday, January 27, 1995
>Page C-6

>Glocester man charged with threatening to poison reservoir
>By Ken Mingis

>Police said a Glocester man broadcast threats over a state-used radio
>frequency to bomb and poison the Providence-owned Scituate Reservoir
>system -- then was arrested at his home yesterday after he used his
>HAM radio to identify himself and declare that the threats had been a
>"mistake".

etc, etc.

Please provide a follow-up post which answers the following
questions:

1. How do we know that this person held valid amateur license?

2. How do we know that his "broadcast" of admission of guilt was
made on an amateur frequency?

3. Why would government officials monitor an amateur frequency,
which they apparently did in this case since they overheard his
admission of guilt?

4. Assuming that this individual was a licensed amateur, and did
in fact "broadcast" on an amateur frequency to admit his guilt,
how do we know what class of license he held?

Given the number of *EXTRA CLASS* licensees who have been
fined and/or had licenses suspended or revoked for everything from
VEC exam cheating to willful interference to threatening other
hams and/or FCC inspectors, all in the past couple of years, why
do you imply that we suddenly have this severe problem brought
on solely because someone can get a license without passing a code
test?

73 DE K4MSG

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(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

1419. Re: WANTED: Icom IC-735 product review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:50:00 UTC
From: bob@mtdcr.att.com
Message-ID: <D3Dw7C.411@nntpa.cb.att.com>
Source record: 252659

From article <3goonp$pfr@vixen.cso.uiuc.edu>, by ignacy@misz.animal.uiuc.edu (Ignacy Misztal):
> In <phb.791667198@melpar>, phb@syseng1.melpar.esys.com (Paul H. Bock) writes:
>>
>> I am interested in any published Product Reviews on the Icom
>>IC-735 transceiver. According to the ARRL archives, there has
>>never been one in QST. However, if anyone knows of a review on
>>this particular unit in another publication, and can provide a copy
>>to me by USnail, please e-mail me and I will be happy to reimburse
>>the cost of photocopying and postage.
>
> It was in one of the 1986 issues of QST.

The January 1986 issue.

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

1420. Icom R-7100 Transceive Function???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 17:54:33 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <3gr68p$2s5c@yuma.ACNS.ColoState.EDU>
Source record: 252660
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In the manual for the 7100, it states there is a 'Transceive' function, which I assume mutes the 7100 when you transmit. The manual sez how to able/disable the function, but doesn't say how to actually make the 7100 mute or whatever.
I just got off the phone with Icom, all the tech help could do was recite what's in the owners' manual, and they didn't seem to have a clue as to how you actually use the function on the 7100.

Does anybody, or do I have to call Japan????

What I want to do is use my Icom IC-726 transceiver to drive a transvr, and use the 7100 as the RX, having it mute when I TX on the 726. There's no 'RX MUTE" jack or anything remotely similar on the 7100. I get the feeling I'll have to put both on the CI-V system and dedicate a computer to do my TX/RX switching.

Great help from Icom Technical, NOT!!!!!
Galen, KF0YJ

1421. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 18:07:01 UTC
From: djenkins@jetson.uh.edu
Message-ID: <3gr705$84v@masala.cc.uh.edu>
Source record: 252664

Pardon me, but how do we know he was one of the evil no-coders? And so what if he was - any causality between no-codesmanship and criminal behavior has hardly been demostrated in this case. I think that it is a long stretch to impute proclivity for criminal behavior to no-code entry.

"Legacy," schmegacy--I am personally offended.

David F. Jenkins
Decision and Information Sciences
University of Houston
KC5JRR

1422. Alinco?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 18:11:16 UTC
From: wakko@lamar.colostate.edu
Message-ID: <3gr784$310n@yuma.ACNS.ColoState.EDU>
Source record: 252665

Does anyone know if there are any mods for the
alinco dj-g1t? I have looked thru most of the ftp sites,
but as we all know, they are way out of date. Thanks!

Al

KB0PYY

1423. Pissing contest (was: Re: 73s !)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 18:29:16 UTC
From: Dave Bushong <dbushong@wang.com>
Message-ID: <D3Dy0t.LoB@wang.com>
Source record: 252668

brian.carling@acenet.com (Brian Carling) wrote:
>
> Newsgroups: rec.radio.amateur.misc
> From: brian.carling@acenet.com
>
> TAW>>TAW>Paul is, of course, correct, but as a side note, many people say "73's
> TAW>>TAW>which is incorrect. The translation of "73's" would be "best regards'
> TAW>>TAW>which sounds dumber than "What's your handle?".
>
> TAW>>Do you have ANY idea how MANY times this has been said on here lately???
> TAW>>It is also repeated almost daily on FIDO, RIME, AOL etc.
>
> TAW>So? Why can't I say it again?
>
> OK, go ahead. It's NOT a big deal.
>
> TAW>What's the big deal?
>
> I think I explained, but I never said it was a big deal.
> If you are going to send out messages criticizing other amateurs'
> operating style, don't be surprised if people react to you Travis!
> Why make it any more than what it is: a storm in a teacup!
>
> TAW>>Exactly Travis. Almost nobody cares!
>
> TAW>So then no one will mind that I posted it again, right?
>
> Sure, OM, go right ahead!
>
> 73s - AF4K / :-)
> brian.carling@acenet.com

And next one of you is going to say "my rubber duck is bigger
than yours."

Take it to email, guys.

Dave, KZ1O

1424. Re: From Portland -- Re: quake stories wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 18:31:10 UTC
From: bill@thd.tv.tek.com
Message-ID: <3gr8de$liq@news.tv.tek.com>
Source record: 252672
Cross-posted to: seattle.general,lobby,pnw.general,rec.radio.amateur.misc

In article <3gncu6$11m@news.tv.tek.com>,
William K. McFadden <bill@tv.tv.tek.com> wrote:
>In article <3gm3as$bfe@chip.klic.rain.com>,
>Keith Lofstrom <keithl@chip.klic.rain.com> wrote:
>>With the broadcast media being so useless, is there any place on
>>the shortwave band where ham radio emergency types broadcast what's
>>going on?
>
>Following the quake in Klamath Falls, an amateur radio operator was shown on
>the news listening to a Northwest emergency net on 3993 kHz. I'm not certain
>of the frequency--perhaps a local amateur will confirm it.

Personal e-mail (quoted with permission):

From: Minor_Cross <mcross@hpcvn2wc.cv.hp.com>

He was listening to 3993.5KHz (+/- QRM) which is the Oregon RACES net
frequency. Additional traffic is usually heard on 3.980 KHz which is the
Oregon Emergency Services Net frequency.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

1425. Amateur Radio Newsline #911 28 Jan 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 18:55:23 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <RgIClGG8yPHA078yn@dorsai.org>
Source record: 252673
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.911
Amateur Radio Newsline #911 02 Feb 1995

Notes: 1-Newsline is still behind schedule, see the Closed Circuit Advisory.
2-Special thanks to Joe Brown, KB2NBN, for all his work on the Fido
problem. Joe will be distributing Newsline into the Fidonet Ham
Radio echoes for us.

Amateur Radio Newsline is produced as an audio service by Newsline, a
service of the Westlink Radio Netowrk. The transcribed version is produced
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and Dale Cary.

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Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or
D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks - Steve Coletti (within the conference/echo) or
bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)

- - - - - -
NEWSLINE RADIO - CBBS EDITION #911 - POSTED 02/01/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
==========

Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... Out Of Service
Melbourne, FL..... (407) 259-4479

Electronic Hardcopy Version of Newsline
==========

GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

Check with your local amateur radio club to see if NEWSLINE can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[911]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following is a closed circuit advisory. Our support *
(* fund administrator Andy Jarema, N6TCQ says that there is *
(* less than two hundred dollars available in the account and *
(* that at least a thousand dollars is needed to make the *
(* monthly expenses. *
(* As you already know, the vast majority of the donations *
(* goes directly toward paying our monthly phone bills and *
(* electronic mail services. This is how we get the news, *
(* and it is how we deliver it to you. If we loose the *
(* telephone, the E-Mail or both, we will have no way to get *
(* the news and no way to disseminate it to you. *
(* Simply said, we need the assistance of every listener *
(* who appreciates Newsline to help to keep it on the air. *
(* The Newsline Support Fund is separate from the service. *
(* It exists for the single purpose of channeling donations *
(* directly to the those providing services to the Newsline *
(* organization. *
(* The address for the Newsline Support Fund is Post Office *
(* Box number 660937, Arcadia, California 91066. As always, *
(* we thank you for your support. *
(* That ends this weeks closed circuit advisory with *
(* Newsline Report number 911 for release on Friday, January *
(* 20, 1995 to follow. *
(* *
(* *
(* *
(* This delay in transmission was caused by moving to a *
(* new apartment in the same town. We are still neck deep in *
(* boxes, but we got the computer set up. Got to have your *
(* priorities straight. We should be posting in a timely *

(* fashion next week, as long as data comes in from CA. 73 *
(* *
(* *

The following is a QST

A tower case in New York, the unlicensed are named in the
United Kingdom and paging world-wide. Truly an international
edition of Newsline coming your way right now.

(*****
TENTATIVE L.I. TOWER ACCORD REACHED

Mark Nadel, NK2T says that his ongoing problems with the
township of Hempstead, New York are almost over. This as the
result of an accord reached on Wednesday January 25th between him
and Hempstead's Board of Zoning Appeals.
By way of background, Nadel is the New York ham who filed suit
against Hempstead in Nassau Supreme Court after the Zoning Board
continually rejected his application for a variance to maintain
his fifty-five foot high transmitting tower. This, even though
the same board had approved an almost identical installation in
nearby Merrick back in 1989.
With the assistance of Senator Alfonse D'Amato and
Representative Peter King, Nadel brought the situation to the
attention of former FCC Private Radio Bureau Chief Ralph Haller,
N4RH. As previously reported, last October 25th Haller intervened
in the case by sending the Zoning Board a letter. It told the
board that local authorities may not base their regulation of ham
radio antenna structures based on the possibility or actuality of
interference to neighboring consumer electronic instruments.
This, Haller said is the singular purview of the federal
government as administered by the FCC.
The Haller letter is credited with having a profound impact on
the Zoning Board and is credited with helping to bring about this
meeting.

(*****
VANITY CALLS HERE!

The FCC has announced its intention to implement a vanity call
sign program, and also to resume the issuance of club and military
recreation station licenses. In a January 24 news release, the
Commission released a general outline of the new program.
Amateurs will be eligible to apply for a call sign of their
choice in four "gates." The first group eligible to apply will
be previous holders of a call sign or the close relative of a
previous holder of an amateur call sign who is deceased. The
second group will be Amateur Extra Class licensees, then Advanced,
then all others. The FCC will announce the opening of each
"gate" by public notice.
The FCC said that the first gate will open as soon as a new

application form, FCC Form 610-V, is available and the Commission's licensing facility is prepared to begin processing the applications, no sooner than April, according to FCC staff. Applications for club station licenses will be accepted as soon as the FCC's Report and Order on this matter is released. Club station call signs will be issued systematically, unless under the fourth "gate" the trustee of an existing club station applies for the call sign of a deceased member as a vanity call sign for the club.
The fee for the use of vanity call signs will be 7 dollar(s) per year, or 70 for dollar(s) a ten-year license term, according to Wireless Telecommunication Bureau staff. However, on January 12, 1995, in a notice of proposed rule making, the FCC proposed a fee of 3 dollar(s) per year, for fiscal year 1995 (which began October 1, 1994).
Amateurs will be able to list up to 25 call sign choices, from any call area, FCC staff said. It is expected that it will be several weeks before the new form 610-V is approved.

(*****
ARRL HACKED ON THE I-NET

The ARRL has been hacked on the Internet. The League says that a message claiming to be W1AW Official Bulletin falsely states that the American Radio Relay League plans to petition the Federal Communications Commission to drop all Morse code requirements for all Amateur Radio licenses in the United States.
The league says that an authentic ARRL Bulletin numbered ARLX004 was apparently altered and re-posted on an internet newsgroup. From there it has quickly spread worldwide.
But the League has no plans to file any form of no-code expansion petition. It says that the real ARLX004 concerned a balloon launch from Iowa.
The ARRL adds that it views the dissemination of forged Official Bulletin as an extremely serious matter, but stops short of saying what action it will take if the person who posted the phony message is found.

(*****
REVOKEES TO BE ANNOUNCED

On the regulatory scene, Great Britain's Radiocommunications Agency has announced that they will begin to publish details of those whose amateur licenses had been revoked. Until now this information has been regarded as confidential. The agency says that the decision to make public will be a deterrent to others thinking of breaking the radio regulations. It says that publication will make other hams aware that license revocation and a ban on use of ham radio communications is a punishment that the government feels is applicable for some egregious offenders.

(*****
CEPT AGREEMENT

Also from overseas, another international ham radio licensing agreement has been signed. Word that Estonia, Israel and Turkey have signed the CEPT agreement.
This arrangement permits temporary amateur operation in those countries without additional paperwork. Twenty seven countries have so far implemented the CEPT pan-European licensing scheme.

(*****
NEW 10 GHz RECORD

A new ham radio microwave record is set. Roger Bowman, VK5NY, and Walter Howse, VK6KZ, have claimed a new world distance record on the amateur 10-GHz band.
On December 30, 1994 Bowman and Howse claim to have worked over a path of 1911 kilometers. Both operated portable with one near the city of Adelaide and the other near Perth. VK5NY used 180 milliwatts to a 400-mm dish. VK6KZ ran 100 milliwatts to a similar antenna. The 2-way contact was on SSB phone.

(*****
GLOBAL PAGING

Federal regulators have cleared the way for a new national and, eventually, global satellite service offering an array of two-way communications including phone and fax.
Unlike conventional satellites that orbit thousands of miles in space, the new service uses satellites that orbit close to the earth. The orbit is low enough for people on the ground to use special hand-held phones and other devices to send and receive calls, messages, pages and other services.
After nearly five years of work, the Federal Communications Commission completed a plan on how companies may provide the service. Specifically, the commission, with the help of industry, resolved how public airwaves will be shared among companies.
According to the Personal Communications Industry Association, 4 million Americans, that's 1.4 percent of the U.S. population, will subscribe by 2003 to satellite delivered communications services.

(*****
CHALLENGER REMEMBERED

The Chattanooga Amateur Radio Club will be operating a special event station from the new Challenger Learning and Teaching Center of Chattanooga. This from 11:00 UTC on January 27th until 21:00 UTC on January 28th.
The station will sign the call W4AM and operate near the middle of General class phone bands on 80, 40, 20, 15, and 10 meters, as well as locally on 2 meters and 70-cm simplex.
The Learning Center is named for the space shuttle Challenger

and its seven astronauts who perished in a launch accident back in January of 1986. The club hopes to attract young people to their station and into the hobby during the center's opening.

(*****
WATCH FOR MIR

Shuttle STS-63 the Mir rendezvous flight is scheduled to launch February 2. The shuttle will fly up to Mir, but will not dock. And it just so happens that Mir will be visible in the morning sky over much of the U.S. during this flight.
Normally the shuttle's exact flight path is not known until after it has launched. However, Mir's orbit is well established and should remain stable from now until the end of the STS-63 mission. Since the shuttle will fly to Mir, we only have to track Mir to tell us where to look to see both spacecraft.
According to AMSAT's Dave Mullenix, N9LTD, the best way to be ready for this space spectacular is to start right now. You'll need a tracking program that can check for visible passes. For a satellite to be visible, it must be above your horizon and in sunlight while you are in darkness on the ground. Since Mir and the Shuttles are both fairly large objects in low earth orbit, the two of them flying in formation should be a beautiful sight to watch and possibly to photograph.

(*****
DX

In DX, word from Botswana that A22MN, will be leaving in February. Dave will move on to Finland where he will be there for the next 3 - 4 years. Meanwhile he has been trying to work stations on 80 and 160 meters. He is reportedly upset because the same individuals keep calling him on these bands and they are not giving other stations a chance to work him as an new one. Please QSL only to manager WA8JOC and not direct to Dave.

(*****
BHM E-MAIL

And finally, unless you've been asleep for a few years, you've already heard plenty about the information superhighway. It seems that everybody has their own E-mail address these days. In fact, we here at Newsline have not one, but a half dozen. Now, an Alabama amateur radio club is taking what may be the first step of its kind onto the superhighway. The Birmingham Amateur Radio Club has set up its own E-mail address for Hamfest information. Bill Levey, WA4FAT, helped arrange the Club's Hamfest address on America On Line.
If you'd like information on the Hamfest, here's the Club's E-mail address. Send inquiries to Birminghamfest95@AOL.COM.
By the way, the BirmingHamfest-95/Alabama Section Convention is set for May 20th and 21st. And get ready. You can just about bet

that more amateur radio clubs will follow suit by jumping on the superhighway with their own E-mail addresses, as well.

(*****

And for this week, that's all from the Amateur Radio Newsline.
You can write to us at Post Office Box 660937, Arcadia, CA 91066.

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1426. FCC Vanity Call Sign Plan is Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 18:59:00 UTC
From: taylor@tix.timeplex.COM
Message-ID: <9502021859.AA02187@tix.timeplex.com>
Source record: 252674

Report No. DC95-19 ACTION IN DOCKET CASE January 24, 1995

COMMISSION AMENDS AMATEUR SERVICE RULES TO IMPLEMENT
A VANITY CALL SIGN SYSTEM
(PR DOCKET NO. 93-305)

In recognition of the strong sense of identity among amateur operators that is grounded in the call signs of their stations, the Commission has decided to offer a vanity call sign system to the amateur service community. The Commission will also resume issuing new club and military recreation station licenses. The Commission said these actions are fundamental to its commitment to putting the needs of people first in providing the services that they want.

Each new amateur station licensed by the FCC is assigned a unique call sign. An automated process selects the call sign in accordance with the sequential call sign system. Until recently, the Commission was unable to accommodate the many thousands of requests from call signs of the licensee's choice. The Commission stated that one of its many steps in reinventing Government is to implement new licensing processing capabilities that make it practicable to grant such requests.

The Commission will implement the new system by using a series of four "starting gates." Gate One would allow a previous holder of a call sign to apply for that call sign or, where the holder is deceased, a close relative could apply. Gate Two would allow the 66,000 Amateur Extra Class operators, who have passed the most difficult license examinations, to apply. Gate Three would allow the 112,000 Advanced Class operators, who have passed the second most difficult license examinations, to apply; and Gate Four would open the system to any licensee, including a club station license trustee applying for the call sign of a deceased former holder. The Commission will announce the opening of each gate by a Public Notice. The first gate will open as soon as the new application form, FCC Form 610-V, is available and the Commission's licensing facility is prepared to begin processing the applications.

With respect to new club station licenses, the Commission stated that persons not already holding a club station license must first apply for and receive a license before filing an

(over)

application with the fee collection contractor requesting that the license be modified to show a vanity call sign. However, the Commission will begin accepting applications for new club and military recreation station licenses on the date the Report and Order in this proceeding becomes effective.

Action by the Commission December 23, 1994, by Report and Order (FCC 94-343). Chairman Hundt, Commissioners Quello, Barrett, Ness, and Chong.

-FCC-

News Media contact: Patricia A. Chew at (202) 418-0500. Wireless Telecommunications Bureau contact: Maurice J. Depont at (202) 418-0690.

73's Seth KC2WE

1427. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 19:03:28 UTC
From: ronz@zimmer.CSUFresno.EDU
Message-ID: <D3DzLs.n55@zimmer.CSUFresno.EDU>
Source record: 252675

I have not done any recent reading on this topic, but there is a theory that I have not heard much about. When you discharge a multi-cell battery pack all of the way, some cells will discharge before others. Continuing the discharge will begin reverse charging the dead cells by the good cells. I think this is what may lead to the short condition of some cells.

It may be best to discharge a multi-cell pack only until the voltage drops off by 1.2 volts or so which indicates that one cell has completely discharged. Stop the discharge at that point.

A solution to that problem would be to put diodes across each cell to prevent reverse charge. I have never seen that done, but I have done it to a piece of equipment here. It did not get enough use to test the theory.

Ron, KD6E

--

Ron Zastovnik, Tech Support (ron_zastovnik@csufresno.edu)
Cal Stata Univ Psychology Dept., Fresno, CA. 93740-0011

1428. Test session in College Park, MD

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 19:21:06 UTC
From: lifer@w3eax.umd.edu
Message-ID: <3grbb2$se@hecate.umd.edu>
Source record: 252676
Cross-posted to: rec.radio.amateur.misc,um.general,dc.general

The University of Maryland Amateur Radio Association will hold a ham radio test session Sunday, February 5, at 11 AM in room 1102 of the Stamp Student Union. Call (301) 314-0581 for more information.

--
Benjamin Schultz, KE3OM
President, U of MD Amateur Radio Association
(W3EAX)

1429. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 19:29:47 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3grbrb$eqc@abyss.West.Sun.COM>
Source record: 252677

In article 5v6@news.hawaii.edu, jeffrey@math.hawaii.edu (NH6IL) writes:
>In article <7740-198378402@commspec.com> richwood@commspec.com writes:
>>
>>Jeff,
>> It would be much more accurate to say it's ONE mode requiring some
>>level of mental skill. For a QSO to be interesting, any mode requires
>>mental skill. I'd bet RTTY operators would insist their mode requires a
>>certain level of skill, as would satellite operators and microwave
>>folks.
>
>But Rich, the act of communicating via rtty consists of taping on
>a keyboard. That `skill' is not something that would take anyone
>long to acquire. Satellite and microwave operating consists of
>setting this knob and pushing that button. Where's the skill?
>You could write out a brief set of instructions and any newcomer
>would be able to operate rtty, satellite, or microwave. (The military
>is very good at writing such instructions [speaking from experience].)

Gee, Jeff, I guess the effort required to tune a RTTY system on the correct frequency, run the correct data level, and figure out which data speed, shift and encoding (ASCII vs Baudot) are in use count for 0.

As for satellite, I suppose the ability to determine the correct uplink and downlink frequencies, correct for inverted passbands, correct and track Doppler shift, and verify the correct power level is in use counts for 0.

Then comes microwave. Since most of the microwave enthusiasts I've talked to have to build most of their gear, either from surplus pieces or entirely from scratch, you can't discount the skill required to build equipment. Then comes the ability to aim an antenna with a very, very narrow pattern (in three dimensions!) at some distant point you can't even see, based on coordinates. Then maybe the hook-up has some funky IF frequency with inverted tuning, etc., etc.

Amateur experimentation on microwave is not the plug/play stuff the military pays for. Try asking Zack Lau....

>Note that I am not discussing the skill required to build equipment
>for said modes. But so few hams build their own gear today that I shouldn't
>even have to add that disclaimer. Along these lines let me include the
>following with regard to a radio parts supply company going out of business:

Of course, as I point out, microwave experimentation virtually
requires the construction of equipment.

The bottom line is this: naively denigrating operators of modes other
than CW does nothing, nothing at all, to point out any advantages of
CW. The assertion "CW is the only mode that requires skill" suggests
the speaker has not operated RTTY, satellite or microwave at all, and
therefore brings into question the validity of the original assertion.

I'm not certain how denigrating other radio amateurs helps build
up the amateur radio service, anyway.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Antenna waves be burnin' up my radio" -- ZZ Top *

1430. Crankup towers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 19:45:01 UTC
From: smesko@boi.hp.com
Message-ID: <D3E1J3.F8n@boi.hp.com>
Source record: 252678

Hello,

I'm considering purchasing a W-braced type crankup tower and am interested in your personal experience (good or bad) installing, maintaining and using a crankup. I'm especially interested in gotchas with installation. Unlike sectional towers (25/45G) I can see potential problems in getting 800-1000 pounds of steel from horizontal to vertical.

Based on what you've seen or used, do you have a preference on a manufacturer (US Towers, Hygain ... etc)?

Regards,

Steve Mesko
WB7Y

1431. Re: Alfordn Slot Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 20:09:09 UTC
From: magliaco@pilot.njin.net
Message-ID: <3gre55$onh@pilot.njin.net>
Source record: 252679

In article <9501310221591.The_Win-D.rickmcm@delphi.com>, rickmcm@delphi.com (Rick McMillion) writes:
>
> Is anyone using one of the Alford Slot ATV antennas built
> by WB0QCD Antenna Mfg. in Iowa?
> I am very interested in purchasing one of the antennas for
> use on an ATV repeater, but the last time I tried their number,
> I got a message saying it was no longer connected. I still see
> their antennas advertised in different places, what is going on?
>
> Anyone have any info?
>
> Rick, WB7UGZ

Hi Rick.

I purchased an Alford Slot from WB0QCD a while back. It took over 6 months for the antenna to arrive, even though it look just a few days for QCD to cash the check sent with the order. We never received antenna plots with the antenna, but had the antenna tested on a professional antenna range. In short, the performance is LOUSY, and is not as advertised.

WB0QCD's version of the Alford-Slot is a 2 wavelength vertical slot cut into a 4 inch diameter pipe that's fed in the center of the slot. Tests seem to confirm better patterns can be achieved with a 3 inch diameter pipe.

73, de John, KD2BD

John A. Magliacane, KD2BD
magliaco@pilot.njin.net
Editor: "Satellite Times" Magazine

1432. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 20:09:52 UTC
From: sunderlm@iia.org
Message-ID: <3gre6g$g7g@iia.org>
Source record: 252680

In article <3gqv7s$5re@cat.cis.Brown.EDU>,
Michael P. Deignan <md@pstc3.pstc.brown.edu> wrote:
>Welp, here's another fine example of what lowering standards in the
>hobby has given us. This guy deserves to go to jail.

Ah proof please that this guy 1) Has a Ham License
2) That he has a Tech. License
3) He got a ticket because of the new
license structure.

>We can't have idiots like this out on the bands.

So true, but blaming all technician license class holders is not the
answer.

--
"It is a pity that even a single drop of this noble
gift of God should be spilled" - J.S. Bach on wine
Mark E. Sunderlin : sunderlm@iia.org : aka Dr. Megabyte
Technocrat Tuba Player in Winchester, VA KD4HRI

1433. Subject: Vanity Calls Available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 20:29:09 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199502022039.MAA01165@ucsd.edu>
Source record: 252681

>You will not be restricted to your numeric district.
>All the above is of course not "fact" until the Report &
>Order is published, perhaps in late March.
>73, de Hans Brakob, K0HB | EX-KG6AQI, WA0PQF, WB9DLL

now, this IS interesting.

for all intents and purposes radio call districts haven't had much meaning since the late 70's.....there are some guys here that probably would love to get their old zero calls back again (one moved here just before the rules changed and another messed up an let his license lapse and was issued a new call in sync with the current system...)

here we'd been thinking along the like of W4MLB, K4MLB or similar and instead we could use any call district...humm...

bill wb9ivr

1434. IMPEDENCE MISMATCH:NEED INFO

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 20:38:17 UTC
From: johnnie.martinez@hyperion.lanl.gov
Message-ID: <3grfrq$90s@newshost.lanl.gov>
Source record: 252682

Greetings:

I have a very nice Motorola mobile speaker I'd like to attach to a car-mounted scanner (RS PRO-2026). The trouble is (or may be) that the input impedence for the speaker is 2 ohms and the output impedence for the scanner is 8 ohms.

Is this going to cause any problems for either the radio or the speaker? It seems a fairly common practice to connect 8-ohm-output-impedence radios to 4-ohm speakers.

Please e-mail me at johnnie.martinez@hyperion.lanl.gov

Thanks.

1435. ARLD005 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 21:02:31 UTC
From: w1aw@arrl.org
Message-ID: <$arld005.1995@ampr.org>
Source record: 252683
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD005
ARLD005 DX news

ZCZC AE80
QST de W1AW
DX Bulletin 5 ARLD005
From ARRL Headquarters
Newington CT February 2, 1995
To all radio amateurs

SB DX ARL ARLD005
ARLD005 DX news

This week's bulletin was made possible with information provided by Leo, JI1DLZ, Tedd, KB8NW, Denis, EI6HB, Joe, NJ1Q, Peter, ON6TT, Rudi, DJ5CQ, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

BHUTAN. Four Japanese amateurs have been operating three stations simultaneously since February 1 as A51/JH1AJT. They have been spotted on 14030 and 14195 kHz on the east coast PacketCluster network.

CONWAY REEF. A group of four amateurs plan a major, two weekend effort from March 24 to April 3, including working the CQWW SSB WPX contest. Operational specifics include three separate 1 KW stations, Yagis for the higher frequencies and verticals for the lower bands. Ops to date are SM7PKK, OH1RY, SM6CAS and NI6T. One more operator is being sought.

Listen for their CW on 1823, 3503/3523, 7003/7023, 10103, 14003/14023, 18071, 21003/21023, 24893 and 28023 kHz. For SSB try 1843, 3785, 7085, 14195, 18115, 21295, 24935 and 28495 kHz. And for RTTY try 7030/7082, 10120, 14082, 18100, 21082 and 28082 kHz.

QSL SSB contacts via Philip Marsh, G4WFZ, Orcheston Road 28, Bournemouth, BH8 8SR Dorset, Great Britain. QSL CW and RTTY QSOs via Mats Persson, SM7PKK, Zenithgatan 24 5, S-212 14 Malmo, Sweden.

ETHIOPIA. ET3BT has been checking into the 14226 DX Net around 1830z. QSL via Box 6128, Addis Ababa, Ethiopia.

DJIBOUTI. J20UFT, was active over the weekend on 20 meter RTTY. He mentioned the CBA for his QSL Manager F5LBM is incorrect. The correct address for F5LBM is Patrick LaBeaume, 38 Chemin Du Plateau,

67500 Hagueneau, France.

ANDAMAN ISLANDS. VU2JPS is active only on 40 meter SSB, but may get on other bands soon. Check 7060 kHz around 0200z and 0730z. QSL via VU2JPS.

MOUNT ATHOS. Apollo, SV2ASP/A, was working stateside recently on 18140 kHz between 1315 and 1345z.

EAST MALAYSIA. Peter, PB0ALB, AKA KC4VDE, is expected to be on soon from Sarawak as 9M8PFB and operate until March 8.

CHRISTMAS ISLAND. DJ5CQ, DL8WPX and DL3DXX should be on the air soon as VK9XY. QSL via DJ5CQ.

COCOS KEELING. After their Christmas Island stint, our German friends will sign VK9CR from February 8 to 17. They will return to Christmas Island and operate VK9XY from February 18 to 21.

PHILIPPINES. Tom, SM0CNS, is signing SM0CNS/DU7 again. He continues to be active on 1827 kHz around 1400z and again from 2000z until his sunrise at 2200z. QSL via Thomas Bevenheim, Villa Sea Q, Ronda, Cebu Island 6034, Philippines.

SPRATLY ISLAND. Bobby Garcia, DU6BG, President of PARA, the Philippine Amateur Radio Association, will be leading an all Philippine team to activate DU0K on all bands and modes from April 10 to 16. Apparently no foreign operators will be allowed because of security reasons. QSL via DU9RG.

SOUTHEAST ASIA DXPEDITION. JA2EZD will sign from Thailand, Laos, Vietnam and Singapore starting around February 10.

ANTARCTICA. Brian, KC4USB, will be active from Byrd Surface Camp until February 10. Check 14270 kHz after 0030z daily. Henry, KC4USX, is on from Williams Field daily around 14270 kHz after 0300z. KC4AAG is at a new base at Terra Nova Bay and also frequents 14270 kHz after 0300z. QSL all three stations via K4MZU. Eddie, VI0ANT, is active from Davis Base. Listen for his 40 and 20 meter CW. QSL via VK4EET.

QSL UPDATE. Cards for EI7M go via the EI QSL Bureau c/o EI6HB, or direct to Denis O Flynn, EI6HB, Ladysbridge P.O., Ladysbridge, Castlemartyr, Co. Cork, Ireland.

THIS WEEKEND ON THE RADIO. State QSO parties abound this weekend. Your menu consists of the Maine, New Hampshire and Vermont QSO Parties. For digital mode types, try the ADRS WW RTTY WPX Contest. The phone half of the North American Sprint and Ten-Ten International Net Winter QSO Parties round out this well balanced menu. For details on these events check page 127 of January QST.
NNNN
/EX

1436. Info on KA4MUJ

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 21:05:26 UTC
From: cfmason@access.digex.net
Message-ID: <3grhen$9ha@news1.digex.net>
Source record: 252684

I have been inactive for the past year but someone recently told me that KA4MUJ (Mike) is a
Silent
Key.
Is this true?
Charles
N4TGR

1437. Re: Crankup towers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 21:36:29 UTC
From: hawley@aries.scs.uiuc.edu
Message-ID: <hawley.791760989@aries>
Source record: 252685

smesko@boi.hp.com (Steve Mesko) writes:

>Hello,

>I'm considering purchasing a W-braced type crankup tower and am interested in
>your personal experience (good or bad) installing, maintaining and using a
>crankup. I'm especially interested in gotchas with installation. Unlike
>sectional towers (25/45G) I can see potential problems in getting 800-1000
>pounds of steel from horizontal to vertical.

>Based on what you've seen or used, do you have a preference on a manufacturer
>(US Towers, Hygain ... etc)?

I've got the US Towers standard duty 55 foot and am very pleased. If I
did it over again I'd probably do the same. Thought about getting the
heavy duty but it's a lot more money. The US is a lot heavier than the
Hygain for the same height.....so I opted for the US. Order the raising
fixture with it...really neat to be able to service it all by yourself.
NEVER climb a crankup. If it is all the way down and the cable is slack,
there might still be a section held in a bind...not likely but make the
rule not to climb and follow it blindly.
Good luck on your installation.

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

1438. Amiga Ham User Group

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 21:47:05 UTC
From: paul.whatton@posnet.co.uk
Message-ID: <9502031130061736@posnet.co.uk>
Source record: 252686

Some time ago I posted a message about the Amiga Amateur Radio User Group.

Unfortunately shortly afterwards and for reasons outside my control my E-mail address got cut off! I know several Amiga using amateurs tried to reply but got bounced E-Mail.

In brief the AARUG is UK based but welcomes members from anywhere in the world. There are already several hundred members. the AARUG publishes an occasional newsletter and maintains a radio PD library. membership is free, the group runs entirely on voluntary donations.

There's an introductory floppy disk with details of how to join, member lists, old newsletters and PD list. For more information then I can now be contacted at my Internet address: paul.whatton@posnet.co.uk or via FidoNet at 2:254/214

73 de Paul G4DCV. Internet: paul.whatton@posnet.co.uk ...
AmigaBee BBS 2:254/214 Tel 081 695 5328 * Amiga Ham radio file area *
--- Spot 1.3a #997
* Origin: Paul's Point off AmigaBee (2:254/214.6)

1439. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 21:51:39 UTC
From: negaard@draagen.graceland.edu
Message-ID: <NEGAARD.95Feb2155139@draagen.graceland.edu>
Source record: 252687

>>>>> "Michael" == Michael P Deignan <md@pstc3.pstc.brown.edu> writes:

Michael> Welp, here's another fine example of what lowering standards
Michael> in the hobby has given us. This guy deserves to go to
Michael> jail. We can't have idiots like this out on the bands. Maybe
Michael> he could volunteer to be a poster boy for genetic
Michael> engineering.

I'm a new ham, started out with a no-code license, and plan to upgrade to Tech Plus tonight. You sir, make me wonder if perhaps I shouldn't reconsider my involvement in the amateur radio. The amateurs I've met so far have as a rule been thoughtful and reasonable, leaping to conclusions only rarely.

Just because the individual mentioned has committed a criminal act and _may_be_ an amateur, you assume that he is a no-code technician, yet the article you site at exhaustive length makes no mention of the operator's license. Upon what do you base your assumption that the criminal amateur is the natural consequence of the elimination of the code requirement for _one_ class of operator?

Many people choose not to invest a great deal of time _in_the_ _ beginning_ on a hobby that they may or may not want to pursue. The assumption that people who choose this route are inherently evil (as one cannot help but assume from the tenor of your post) does far more harm to the growth of amateur radio than the relaxation of the code requirement for one limited-privilege license class is likely to.

If the society of existing hams is unpleasant, as comments like yours may make it, then the amateur radio service will dwindle rather than grow. May I suggest that you find ways to encourage no-code licensees in the enjoyment of CW, as AA0OS did with me? Without his encouragement, I would have remained a law-abiding no-code tech rather than pursuing the code.

Whatever your opinion, 73!

--
o David Negaard o negaard@graceland.edu
o Help Desk Technician o http://www.graceland.edu/~negaard
o 700 College Avenue o linux-phile
o Lamoni, IA 50140 o 73 de KB0PXK
--
o David Negaard o negaard@graceland.edu
o Help Desk Technician o http://www.graceland.edu/~negaard
o 700 College Avenue o linux-phile

o Lamoni, IA 50140 o 73 de KB0PXK

1440. Re: <none>

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 22:02:33 UTC
From: dbashaw@synoptics.com
Message-ID: <3grkpp$p9b@inn.synoptics.com>
Source record: 252688

In article 0013@SEMOVM.SEMO.EDU, Driver Jerrel L <GT83STU@SEMOVM.SEMO.EDU> writes:
>Would appreciate any information pertaining to the reception of
>radio frequency signals, authorized or unauthorized, by persons
>wearing dental fillings, orhtodonatal appliances, etc. Please
>supply verifiable, references and personal ancedotes or stories
>if possible. Also, any additional information regarding use of
>appliances such as bone conduction hearing aids which might cause
>this phenomenon. Thanks in advance.
>

Thats one way around the law aginst cellular-capable radios. But they
better keep their mouth shut when walking past the local fcc listening post ;-)
DB

1441. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 22:03:29 UTC
From: djmullen@facstaff.wisc.edu
Message-ID: <3grkrh$ka3@news.doit.wisc.edu>
Source record: 252689
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <D3Bopu.Dvt@ruacad.ac.runet.edu>, ddabay@ruacad.ac.runet.edu (Dave Dabay) says:
>
>I must disagree herre, don't always believe what you read!! Just
>because it is in print does NOT mean that it is in the least bit
>accurate. In the early 70's the "Internet" as you call it was born
>out of DARPA, Usenet, and several other "local" networks. It's original
>purpose, no matter what is claimed after the fact, was NOT to connect
>Universities. It's main purpose was to allow exchange of information
>between large gov't agencies and their sub-contractors, typically
>universities and such. Don't confuse the facts.

One amplification of something alluded to above: these messages are
part of USENET, which is NOT the INTERNET. It's always been my
understanding that different policies apply to the small part of the
internet that is usenet. I have no problem with IBM or any other
commercial organization sending email or files via the internet or
setting up FTP sites or Webservers or engaging in any other kind of
commercial activity on the internet. Having my tax money pay for
those activities is like having trucks on the Interstate - I can live
with it as long as they stay out of my way.

I _DO_ object to commercial messages on USENET. I don't enjoy having
my tax money used to pay for somebody to send me advertisements that
are mixed in with the legitimate messages in such a way that it's
extremely difficult to avoid them. That puts me in the position of
paying to be annoyed. If it gets bad enough, I'll say to heck with
it and stop reading the messages. Needless to say, if my congressman
then announces that dropping government subsidies to the usenet would
help balance the budget, I won't object very strongly.

After all, why pay good money so somebody can annoy you for their profit?

Perhaps we need rec.radio.commercials?

1442. ARLD006 DXAC vote results

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 22:29:51 UTC
From: w1aw@arrl.org
Message-ID: <$arld006.1995@ampr.org>
Source record: 252690
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB DX @ ARL $ARLD006
ARLD006 DXAC vote results

ZCZC AE81
QST de W1AW
DX Bulletin 6 ARLD006
From ARRL Headquarters
Newington CT February 2, 1995
To all radio amateurs

SB DX ARL ARLD006
ARLD006 DXAC vote results

DXAC Votes NO on Pratas Island

The ARRL DX Advisory Committee (DXAC) voted 8 to 7 to reject a
petition to add Pratas Island to the DXCC Countries List based on
Point 2(a), separation by water.

Some of those voting against cited concerns over the possibility of
intervening rocks. Others cited what they perceived as disputed
ownership of the island.
NNNN
/EX
```

1443. Accu-Keyer won't key IC-730

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 22:47:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A2C3EF.00CB00230E.uuout@camel.com>
Source record: 252691

I recently pulled out an old Accu-Keyer I built years ago and tried to use it with my Icom IC-720. No go. Plugging in the keyer locked the sidetone on, but the rig wouldn't key. Hitting the keyer paddles made a little AC hum come through the speaker to the rhythm of my keying, but the rig wouldn't key.

I hooked to keyer up to my ohm meter and the needle moves to dead short as I key. The rig keys fine with my straight key. Any ideas? I no longer have any documentation on the Accu-Keyer and all my manual on the rig says is be sure the keying voltage is less than 0.4 VDC. I don't read any voltage on the output of the keyer. Thanks,
Robert WD5AAT

1444. Help me find W6BGJ

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 22:49:52 UTC
From: dave@flowserver.stem.com
Message-ID: <9502022246.AA03132@flowserver.stem.com>
Source record: 252692

Got a call on my answering machine from jim W6BGJ. The thing cut off
before he gave his number though...I looked him up on the qrz server
and got a sunnyvale address and then found a number in the phonebook,
but it has been disconnected. If you know Jim Spitler, W6BGJ please
pass along his new number or tell him to call me back! Thank you.,
73 de dave, n9ux@n0ary.#nocal.ca.usa.na
dave@flowserver.stem.com
415-813-5028

1445. Re: Crankup towers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 22:51:23 UTC
From: jholly@cup.hp.com
Message-ID: <D3EA5o.624@cup.hp.com>
Source record: 252693

Steve Mesko (smesko@boi.hp.com) wrote:

: Hello,

: sectional towers (25/45G) I can see potential problems in getting 800-1000
: pounds of steel from horizontal to vertical.

US Towers has an erecting jig that bolts to the base to do the job.
I had a MA-40 I was quite happy with. I used the erecting jig and it worked
quite well

Jim, WA6SDM
jholly@cup.hp.com

1446. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 23:06:57 UTC
From: hanko@wv.mentorg.com
Message-ID: <3groih$lrq@hpbab.wv>
Source record: 252694
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3gkhhq$2nc@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) writes:
|> Hank Oredson (hanko@wv.mentorg.com) wrote:
|>
|> : I'm very curious where you discovered the information that indicates
|> : it "... contrary to Internet's policy ...". As far as I know, there
|> : IS no such entity as "Internet" to have a policy. Could you be a bit
|> : more specific where you located this policy information? Any sort of
|> : reference will do: ftp, email, http, whatever. I'd like to review
|> : the policy you are talking about before making any further comments.
|>
|>
|> Any of a number of books at your local library or bookstore can fill
|> you in on the history and evolution of what we now call the
|> "Internet". It's original purpose was to connect Universities and
|> other educational institutions for educational purposes. Major
|> advances in this regard were made by the National Science Foundation.
|> Commercial participation was once excluded or severely restricted.
|> The intended purpose of the "creators" was educational advancement
|> (much of it at taxpayers expense), not providing commercial
|> enterprises with new ways to make money. Commercial connections are
|> now common, the limitations on use much more flexible. There are no
|> laws that I know of which prohibit advertising on the net, however the
|> vast majority of commercial enterprises connected to the net honor the
|> traditional "ban" on overt advertising and limit their use to their
|> own research and development purposes and for business communications.
|> They understand and respect the original purpose and intent of what
|> has become the "Internet", and respect the wishes of the majority of
|> users, as well as the wishes of those who have made "Internet"
|> possible.
|>
|> Virtually every major business from IBM to Intel to General Motors has
|> Internet access. When was the last time you saw a commercial here
|> from one of them?
|>
|> Again, there are dozens of books that discuss Internet history and
|> purpose. I've not done it, but I imagine you could also come up with
|> lots of similar info if you do a Gopher search on some key relevant
|> topics.
|>
|> Feel free to let me know what you discover in your research.
|>
|> Greg

What I discovered is that there is no longer any restriction on
the use of the net for commercial purposes.

I've been "on the net" since well before ARPA funded the initial
connectivity between commercial (not educational) users. Some of
those users WORKED at universities, but the projects which used
the ARPA backbone and the various ad hoc interconnections that
existed prior to the backbone didn't do it just for fun.

Perhaps you need to look at those books (and papers and other documents)
before you make assertions about history.

... Hank

|>
|>
|>

--

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

1447. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 23:13:04 UTC
From: tedwards@Glue.umd.edu
Message-ID: <3grou0$i09@thrash.src.umd.edu>
Source record: 252695
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3gkhhq$2nc@crcnis3.unl.edu>,
gregory brown <gbrown@unlinfo.unl.edu> wrote:
>laws that I know of which prohibit advertising on the net, however the
>vast majority of commercial enterprises connected to the net honor the
>traditional "ban" on overt advertising and limit their use to their
>own research and development purposes and for business communications.

I desire overt advertising on Usenet, in the appropriate newsgroups.

-Thomas

1448. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 23:37:47 UTC
From: walt@waltd.demon.co.uk
Message-ID: <791768267snz@waltd.demon.co.uk>
Source record: 252696

I feel a much more progressive approach would be to take the first steps towards eliminating QSL cards altogether! The cost of materials, printing and postages are becoming increasingly prohibitive .... and in this day and age of digital/electronic communication, the physical QSL "card" is surely obsolescent?

A sensible first step might be to establish a central database of DX-pedition and major contest logs, which could be accessed on a "read-only" basis by the ARRL's DXCC Committee - and ultimately by other interested organisations too. We have the technology ... access worldwide via the Internet would be possible. It is not beyond the bounds of possibility for checking of award applications to become fully automated .... checking claimed QSO details against the central database without the need for human intervention at all.

Obviously there would be a transitional stage of many years, during which paper records AND computerised records would have to be used. But the sooner we make a start, the better! If even just DXCC-accredited expeditions together with major contest operations were included as a first step, this would at least alleviate the need to chase QSL cards from these sources!

Food for thought?
73,
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1449. IPS Daily Report - 02 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 23:40:28 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb2.234028.27761@ips.oz.au>
Source record: 252697
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 02/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 02 FEBRUARY AND FORECAST FOR 03 FEBRUARY - 05 FEBRUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 86/29

GOES satellite data for 01 Feb
Daily Proton Fluence >1 MeV: 9.2E+05
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 9.3E+08 (high)
X-ray background: B4.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
03 Feb 04 Feb 05 Feb
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Feb: 84/26

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active 12-18UT and otherwise mostly
unsettled.

Estimated Indices : A K Observed A Index 01 Feb
Learmonth 17 3333 4432
Fredericksburg 18 11
Planetary 20 9

Observed Kp for 01 Feb: 2333 2232
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
03 Feb 12 Quiet to unsettled
04 Feb 12 Quiet to unsettled
05 Feb 8 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
02 Feb normal fair-normal poor-fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
03 Feb normal normal fair
04 Feb normal normal fair
05 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
02 Feb 29 Near predicted monthly values during the local day,
and enhanced by 15-30% at night.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
03 Feb 30 Near predicted monthly values
04 Feb 25 Near predicted monthly values
05 Feb 25 Near predicted monthly values
COMMENT: Regular Sporadic E layer and night-time Spread F was
observed on 2 Feb and is expected for 3 Feb. Townsville frequencies
were near predicted monthly values and Hobart frequencies enhanced
during local night on 2 Feb.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1450. Re: Second Biannual Elmers Directory Mass-Ack (Followup)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 23:48:02 UTC
From: pschleck@gonix.com
Message-ID: <pschleck.791768882@gonix>
Source record: 252699

Your dedicated Elmers Directory maintainer's usually sharp Unix skills failed him yesterday and caused some unnecessary mail bounces for those of you replying to my previous article. We just had a change of home-directory paths on Gonix (/u to /usr3), so I naively changed the contents of my .forward file from:

```
|"IFS=' ';exec /u/pschleck/gnu/procmail-3.03/src/procmail -t # pschleck"
```

to:

```
|"IFS=' ';exec $HOME/gnu/procmail-3.03/src/procmail -t # pschleck"
```

This worked fine for me sending mail to myself (where $HOME evaluates to /usr3/pschleck), but failed miserably for mail arriving from off-site (as $HOME will evaluate to root's $HOME, which is / :-(.

The incantation in the .forward file streams all of my incoming mail into a filtering program called procmail (which also generates the autoreplies). However, if the path isn't correct, it causes very strange bounces for senders who don't know what I'm up to.

The problem has been fixed, so feel free to E-mail me again. I apologize for this oversight and hope this won't cause my impeachment from my high office. :-)

--
73, Paul W. Schleck, KD3FU
elmers-request@gonix.com

Maintainer, Amateur Radio Elmers Resource Directory

1451. IPS Solar and Geophysical Summary - January 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-02 23:49:56 UTC
From: rwc@corona.syd.ips.oz.au
Message-ID: <1995Feb2.234956.28106@ips.oz.au>
Source record: 252700
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS MONTHLY REPORT - JANUARY 1995
ISSUED BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.

1. SOLAR-GEOPHYSICAL INDICES

SOLAR LEARMONTH AUST
Day 10 cm flux A-INDEX T INDEX
01 Jan 75 5 7
02 Jan 77 16 -10
03 Jan 77 23 2
04 Jan 77 13 18
05 Jan 76 17 18
06 Jan 74 14 10
07 Jan 75 12 26
08 Jan 74 8 18
09 Jan 74 6 16
10 Jan 73 10 17
11 Jan 75 14 17
12 Jan 76 5 10
13 Jan 75 8 28
14 Jan 77 5 17
15 Jan 81 5 42
16 Jan 83 13 36
17 Jan 84 20 21
18 Jan 87 13 -14
19 Jan 90 5 33
20 Jan 93 8 10
21 Jan 96 7 20
22 Jan 96 9 32
23 Jan 96 7 38
24 Jan 97 6 36
25 Jan 90 4 37
26 Jan 86 4 22
27 Jan 88 5 32
28 Jan 83 3 30
29 Jan 85 27 27
30 Jan 86 26 -34
31 Jan 87 19 15

10 CM FLUX SUNSPOT NUMBER A-INDEX AUST FLARES
LEARMONTH T INDEX
Monthly Monthly Yearly Monthly Monthly >M1.0
Month Average Average Average Average Average

Jan 95 82.7 23.8 *23.1 10.9 18.6 0
Dec 94 84.1 26.7 *24.4 10.5 24.5 1
Nov 94 80.9 18.0 *24.9 10.5 25.3 0
Oct 94 87.7 43.8 *24.9 15.0 12.1 1
Sep 94 78.6 26.7 *25.4 9.6 24.8 0
Aug 94 76.1 22.8 *26.6 8.8 23.5 8
Jul 94 80.5 35.0 28.7 13.1 31.1 1
Jun 94 77.2 28.1 31.1 17.3 33.8 1
May 94 79.8 18.2 32.8 17.4 27.5 0
Apr 94 79.0 16.7 34.0 17.3 34.7 0
Mar 94 90.5 31.7 34.3 16.7 36.9 0
Feb 94 99.5 35.9 34.8 16.8 38.0 2
Jan 94 115.0 58.8 36.6 10.8 60.2 11

IPS Predicted (Yearly Smoothed) Sunspot Numbers (*)

From this month onwards, reported A-index information will be from Learmonth
Observatory in Western Australia.

Latest T-Indices for IPS Advanced Stand-Alone Prediction System-(ASAPS)

Last update: November 1994 Solar-Geophysical Summary

Year Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
1988 45 43 58 74 72 84 84 95 115 132 116 128
1989 146 164 135 140 141 157 162 149 144 160 164 152
1990 150 128 135 129 126 138 136 138 141 136 122 133
1991 143 175 169 163 136 121 141 125 135 131 121 130
1992 152 172 156 134 95 79 89 66 68 68 85 90
1993 75 78 81 65 64 65 61 48 36 41 35 42
1994 55 37* 36* 35* 33* 32* 29* 26* 24* 22* 21* 19*
1995 18* 18* 17* 16* 15* 14* 14* 13* 12* 11* 11* 10*
1996 10* 9* 9* 8* 8* 8* 8* 9* 9* 10* 11* 12*
1997 13* 15* 17* 19* 21* 23* 26* 30* 33* 38* 43* 48*

Asterisk indicates predicted value. No predicted values have changed
relative to the set of T-indices contained in last month's Summary.
For information concerning ASAPS for an IBM PC (or compatible) contact IPS.

The IPS Monthly T-index is derived from the observed monthly median values
of foF2 for each hour at up to 40 ionospheric stations worldwide.
These records become available from IPS stations in Australia very soon after
each month, but the majority are received up to one year later.
This means that the exact observed value of the monthly T-index is not
available until some months later.

The predicted smoothed monthly T-indices are computed by using a statistical
analysis of the observed monthly T-indices for all solar cycles since 1938.
The IPS T-indices may not be updated each month but only when sufficient new
data becomes available.
==========
2. FLARES AND SHORT-WAVE FADEOUTS

All M flares with an energy greater than or equal to M1 are tabulated under class M flares. However, times of fadeouts are shown only for flares with an energy greater than X-ray class M3.

NONE.

2.1 Comments on Solar Activity.

Solar activity was at very low to low levels throughout January.

The maximum 10cm flux value for the month was 97 on 24 January. The minimum value for the month was 74 observed on 6,8 and 9 January.

The monthly sunspot number of 23.8 is very similar to that seen over the last year. Daily sunspot numbers were very low until
the 17th but a sharp rise in the second half of the month prevented a very low average value for the month.

Solar Activity During 1994:

In terms of monthly average sunspot number, January 1994 had by far the largest value. A steady decline followed in February and March to a low in April and May. After slight rises in June, July and October another low was reached by the end of the year.

The smoothed sunspot number and its estimated trend declined steadily from a value of 37 at the start of the year to around 24 at its end. This should be compared with the 158 at the last solar maximum which occurred in 1989.

Flare activity was extremely low during the year. The months of greatest flare activity were January and August; but March, April, May and November did not register a single flare. In total number of flares, the year was very similar to previous near minimum years such as 1976, 1985 and 1986.

==========

3. GEOMAGNETIC DISTURBANCES (for Learmonth, WA)
DATE COMMENTS

3-4 January Mostly unsettled to active, with one minor
storm period observed 3/06UT.

11 January Active periods during local night.

17-18 January Unsettled to active

29-30 January Active to minor storm

31 January Unsettled active

3.1 Comments on Geomagnetic Activity.

Several disturbances were observed this month. The strongest disturbance was observed during the interval 29-30 January, with a peak A index of 27 on 29 January. The above disturbances are believed to be associated with coronal holes.

Note:
From this month onwards, reported A-index information will be from Learmonth Observatory in Western Australia.

==========

4. IONOSPHERIC DISTURBANCES (for Sydney)
DATE MUFs

2-3 January Depressed 15% at times during this interval

18 January Depressed 30% during daylight hours

29 January Depressed 15% after local dawn.

30 January Depressed 15-30% all day

4.1 Comments on Ionospheric Conditions.

Several ionospheric depressions were observed this month. The most significant ionospheric depression for the month was observed during the interval 29-30 January.
==========
5. IPS WARNINGS AND ALERTS ISSUED

WARNINGS:
GEOMAG WARNING NO ISSUE DATE BEGIN END
01 19 01 1995 20 01 1995 20 01 1995
02 25 01 1995 30 01 1995 31 01 1995

HF RADIO WARNING NO ISSUE DATE BEGIN END
01 17 01 1995 18 01 1995 18 01 1995
02 19 01 1995 20 01 1995 21 01 1995
03 29 01 1995 30 01 1995 30 01 1995

ALERTS:
19 Jan Magnetic
31 Jan Magnetic

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1452. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 00:01:04 UTC
From: walt@waltd.demon.co.uk
Message-ID: <791769664snz@waltd.demon.co.uk>
Source record: 252701

There has been some lengthy correspondence about this subject in a United Kingdom newsgroup recently.

There is general acceptance that an apparently "defunct" Ni-Cd cell can often be rejuvenated by "belting" it in the positive direction with a pulse of DC at 1 or 2 amps. This means connecting the DC source to the cell with the positive line attached to the NEGATIVE terminal of the cell, and vice-versa (i.e. opposite to the way you would normally connect a charger.)

Be VERY careful .... do not allow this level of current to flow through the cell for more than a fraction of a second! Otherwise you could witness an explosion!! A good source of current for this operation is a lithium battery of the type often used to power miniature cameras; I have even used a car battery with a 10-ohm current-limiting resistor in series. It is sufficient to "flash" the cell, just by touching the terminals momentarily with the source leads. You will probably get quite a spectacular spark! The voltage is not critical, but 6 - 12v is suggested.

Do this with each of your "weak" cells .... just once .... then recharge them on a standard 5-hour Ni-Cd charger. With any luck, you should find them as good as new! I have rejuvenated MANY, MANY NiCd cells in this way over the years.

I have become convinced that the use of so-called "Fast Chargers" (i.e 2 hour Ni-Cd charging units) seriously shortens the life of Ni-Cd cells. It is much better to use a current of no more than 100ma for charging .... maybe even less. A five-hour charging cycle for AA-size Ni-Cd cells is reasonable. If you MUST use a fast charger, then I would recommend that you use a slow (5-hour) charge say every fourth recharge. This will at least give the cells some chance of recovering from the far-too-rapid charging cycle of the "Fast Charger".
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1453. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 00:35:07 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3EEyJ.J93@zeno.fit.edu>
Source record: 252702

didn't find a steven savoie in the april 1994 ham call (don't trust the
october one to work since it's missing things...)

to the media - anyone who has radio as an avocation is a "ham".

was fortunate tho that he liked to talk...he gets to be an "example"..

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1454. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 00:39:35 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3EF60.L10@zeno.fit.edu>
Source record: 252703

which bar code? code 39?

(one source for fonts is Bear Rock Technologies, (800) Bea-rock.)

what is planned to be in the code? call sign for sure...
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1455. Re: TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 00:40:50 UTC
From: Garry Foster <gmfoster@grape.epix.net>
Message-ID: <Pine.SUN.3.91.950202193352.2043A-100000@grape.epix.net>
Source record: 252704
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

On Thu, 2 Feb 1995 P22407@email.mot.com wrote:

>
> Can a good 2-meter radio (Kenwwod, Icom, etc.) be modified to transmit in
> the 150 to 154mhz range? Do I need a permit (you dont even need a licence
> to use a race radio!)?
>
A ham radio can't legally be used on any comerical band. All transmitters
orher than Ham band radios must be type accepted.

> What is MARS/CAP use?
>
MARS is military amature services

CAP is the cival air patrol

A ham transmitter which is modified for out of band use "MAY" have
spurious outputs on other frequencys than the desired transmit frequency.

What does a race radio cost?

Garry(WB0NNO)

1456. Need source of 39mhz crys

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 01:19:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5438.545@acenet.com>
Source record: 252705

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

NBG> I am currently designing a narrowband receiver based on
NBG>a motorolla chip to tune in frequencies of 49.6 mHz. The recommended
NBG>circuit diagram calls for a 39mHz crystal, a component that I have not been
NBG>able to find after checking many electronic component distributors. Can any
NBG>direct me to a source. I would appreciate any help.

Sources for crystals used in amateur radio:

Antique Radio Classified 508-371-0512 Write for free sample.
P.O. Box 802 Magazine. You'll find almost ANYTHING here
Carlisle, MA 01741 for older radios, obscure parts, tubes etc.

Cathodeon Crystals, Need phone number
A PYE Group Company
Linton,
Cambridgeshire
England (Need postal code) Crystals

Crystek Crystals 800-237-3061
2351/2371 Crystal Drive
Ft. Myers, FL 33907 Quartz Crystals

CW Crystals Inexpensive, but SLOW to respond.
570 N. Buffalo Street
Marshfield, MO 65706 (Crystals, $1.00 catalog)

International Crystal Mfg Co. 405-236-3741
10 North Lee Street Crystals!
Oklahoma City, OK 73102

ICM (International Crystal Manufacturing Co., Inc.) 800-426-9825
P.O. Box 26330: 701 W. Sheridan
Oklahoma City OK 73126-0330

JAN Crystals 800-526-9825: 813-936-2397
P.O. Box 06017: 2341 Crystal Drive: Crystals
Ft. Myers, FL 33906-6017

Petersen Radio Co. (712) 323-7539
2735 Avenue "A"
Council Bluffs, IA 51501 Crystals

Ryan Communications 412-368-3859
BOX 111E Camelot Road (QRP CW transmitter, ready made,)
Portersville, PA 16051 (and transmitter kits, crystals)

Velco Electronics (716) 924-2073
Address needed (716) 924-2136 = FAX
Crystals

I hope that helps you!

This list was prepared by AF4K, Brian Carling
Please send additional sources for inclusion in this list.
If you go to a hamfest and see someone selling crystals, please
get a card and send me their name, address and phone number.

AF4K @ W3INK
(301) 990-6070
brian.carling@acenet.com

~ SLMR 2.1a ~ What do you mean? You actually READ these taglines?!?

1457. What is current 610?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 01:37:02 UTC
From: kim@nntp.cadence.com
Message-ID: <D3EHtr.IB3@Cadence.COM>
Source record: 252706

I find I need to order a replacment license due to some personal stupidity,
and I went to the local ham radio store and got from them a form 610
that has a date of Nov 1993 in the lower right corner.

Now the question is: is this the correct, up-to-date form? I seem to
remember the form changing around last April, and the old ones would not
do anymore, so a Nov 1993 date sounds suspicious.

--

"Never let work interfere with your reasons for working."

1458. Re: 1 rev in 15 min sync motors required (bulk)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 02:51:38 UTC
From: zeus@myth.demon.co.uk
Message-ID: <791779898snz@myth.demon.co.uk>
Source record: 252722
Cross-posted to: sci.astro.amateur,sci.astro,sci.space.policy,uk.org.starlink.misc,ieee.general,misc.misc,rec.radio.amateur.misc,sci.electronics,sci.engr.manufacturing,uk.d-i-y,uk.misc,uk.radio.amateur,uk.sources

(Newsgroups trimmed slightly)

In article <ADAMS.95Feb2003926@fb0403.mathematik.th-darmstadt.de>
adams@fb0403.mathematik.th-darmstadt.de "Hans Adams" writes:

> EH? 220V AC from power plant is allowed to have drift in frequency.
> Without AC supply derived from a _VERY_ stable clock, like HSYNC of
> your TV-set (often derived from rubidium clock at broadcast stations),
> your integral precision will be disappointing bad.

I wouldn't worry, in practise (certainly in the UK) mains frequency is pretty
accurate. Theoreticaly it is +/- 10% but in practise I think they lock it to
a standard to ease technical problems. RS Components do geared down low speed
motors. If it were *that* sensitive, I would use a quartz (or even GPS derived)
timebase with a feedback and phase comparator loop.

1459. Re: International Callsign or Prefix Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 03:00:30 UTC
From: alan@kether.intellint.com
Message-ID: <3gs68e$gma@news1.digex.net>
Source record: 252707

In article <3gdnc8$a3l@omnifest.uwm.edu>,
Rick Kissell <fedpress@omnifest.uwm.edu> wrote:
>Alan, you worked a Cuban novice. See Page 17 - 19 of the ARRL Operating
>Manual. You're right that it's not perfectly up to date, but I think you can
>get a very recent version from the ARRL via e-mail.
>
>73,
>
>Rick WB9GYT

I appreciate the info, but I still wonder if there is any truly dynamic
source of this International Prefix info, i.e., on the internet?

I've been keeping a list of world prefixes myself, based on the published
DXCC list. However, with all the changes in the world, DXers themselves must be
getting new info on the air all the time. I'd just like to start an internet
source which keeps comprehensively up to date. Just wondered if that's been
accomplished already. :-)

Thanks for the info regarding CL being a Cuban Novice . . . fascinating!

Alan

--
___ ___ ___ | Alan M. Friedman - WA3MLK
_ _ _ Artificial Intelligence | Intelligent Interfaces, Inc.
_ _ _ Neural Netification | (301)299-6631||(301)983-2211
___ ___ ___ | alan@kether.intellint.com

1460. Re: HR2600 12M mods info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 03:02:11 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Feb3.030211.23239@ttinews.tti.com>
Source record: 252708
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <3gj04k$20sv@yuma.ACNS.ColoState.EDU> galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:
>In article <3git3e$7v5@delphinium.cig.mot.com> knight@cae.cig.mot.com writes:
>>I understand there are mods available for the HR2510/2600 to move it
>>up to 12M. I'd appreciate if someone could point me in the correct
>>direction for this ... I've checked out several FTP sites, and have
>
>Get a catalog from ChipSwitch (707-539-0512). I think the 12m mod
>requires some added filter circuitry and a new microprocessor chip.
>

Does the ChipSwitch work on the HTX-100 too?

(be nice to do 11 & 12 m with this rig...11m just to listen, of course!)

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

1461. Re: Stupid Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 03:08:54 UTC
From: amsoft@epix.net
Message-ID: <3gs6o6$93h@grape.epix.net>
Source record: 252709

>In article <3goav6$7jj@mercury.wright.edu>, gsmith@alpha.wright.edu
>says...
>
>Is there any plans to build a 60db 2m/440 duplexer?

Im looking at my ARRL Handbook 1994 edition Chapter 14 and Page 5.
It explains the design of a 2 Meter duplexer from the theory end.

Six tuned cavities, 3 at the rcvr, 3 at the xmtr.
The cavity is 1/4 wavelength long (plus 1/2 of its diameter. etc.

Also in The ARRL Antenna Handbook (mine is 1988) there is a section on
duplexers that covers 2 1/2 pages.

I recommend you consult both sources if you want to design your own.

Here are some commercial Duplexer companies as well:

BH Electronics 403-278-2084
TX RX Systems, Inc. 716-549-4700
Telewave, Inc. 800-331-3396
Wacom Products, Inc. 817-848-4435

Hope this helps..... :<)

--
Pete, KC3TL
amsoft@epix.net

--
########## F R E E H A M N E W S L E T T E R
o)(o --
#C# _> A free newsletter about The World of Ham
\ ___/ / Radio CD-ROM is available by sending your
| / __/ present E-Mail address to amsoft@epix.net
/____\ / // --

1462. Long Island Hamfest - Sunday Feb. 12, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 03:30:46 UTC
From: hmn@i-2000.com
Message-ID: <3gs816$c2v@i-2000.com>
Source record: 252710

Sunday February 12, 1995, The Long Island Mobile Amateur Radio Club is pleased to announce their
Winter Hamfair.
The Location is the Freeport Armory at 63 Babylon Turnpike, Freeport, New York. This is a newer and
larger facility than ever before. Doors open at 7:30 am for sellers and 9:00 am for buyers.
General Admission: $6:00, Children and significant others FREE
$25.00 per table for vendors, each table admits one person.

All Vendors MUST pre-register. Call Neil Hantman, WE2V at 516-462-5549.
For general information call 516-796-2366 between 10:00 am and 9:00pm .

Amateur radio License exams will be given. Exams will be administered between 9:00 - 11:00 at the
Hamfair on February 12.

See you there.....

H. Mark Nadel
Internet Address: hmn@i-2000.com
Amateur Radio Station - NK2T
USAF Mars - AFA1FX

1463. T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 03:45:06 UTC
From: dale.piedfort@pcappbbs.com
Message-ID: <9502040400098734@pcappbbs.com>
Source record: 252711

I my opinion the second best repeater amp on the market at the present time.. Number one of course being Milcom. Price prevents most repeater groups from using the Milcom Amp.
I speak as a member of a system in SoCal that has 9 440 repeaters, and we have gone thru the Henry's, KLM, The KLM/Mirage repeater amps. none of them hold up very well. Two years ago we started replacing the wanna be repeater amps with Dave Andersons Repeater Amps, we have not had a failure with any of the T.E. System Amps. The are performing as well as the Milcom we have. Three of our Henry Amps didnt last thru one winter, all of the Mirage and KLM Mirage failed with in two years. If you are considering replacing with a T.E. you can do it with confidence.
73 de KB7UB

1464. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 04:06:30 UTC
From: markem@primenet.com
Message-ID: <markem.21.003241C0@primenet.com>
Source record: 252712

In article <3gqv7s$5re@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:

> ...
>Steven P. Savoie, 26, of Snake Hill Road was charged with making threats
>or false reports of bombs being placed, and was released pending District
>Court hearing, state police said.
> ...

Well, a search of the database reveals no hams by that name. None of the entries with that last name are close enough to the age.

Another example of the quality of news reporting and of Mr. Deignan's jumping to conclusions.

Mark AA7TA

1465. Posting

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 04:52:44 UTC
From: tcnic@tecnet1.jcte.jcs.mil
Message-ID: <199502030452.WAA12947@mail.cs.utexas.edu>
Source record: 252714

To see if I can join the group

1466. TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 04:53:57 UTC
From: rickmcm@delphi.com
Message-ID: <9502022352591.The_Win-D.rickmcm@delphi.com>
Source record: 252715

In article <1995Feb2.172608.20328@schbbs.mot.com>, P22407@email.mot.com writes: >

> I am running a chase vehicle for a off-road race team. I perfer NOT to
> pay the inflated prices race-radio companies charge for inferior
> equipment. I instead would perfer to get my licence and buy a radio I
> can also use for 2-meter. Here are some questions:
>
> Can a good 2-meter radio (Kenwwod, Icom, etc.) be modified to transmit in
> the 150 to 154mhz range? Do I need a permit (you dont even need a licence
> to use a race radio!)?
>
> What is MARS/CAP use?
>
> If I get a handheld, can I get an amp that operates on 12vdc to boost my
> signal? In a typical race, the car may be as far away as 50+ miles over
> rough terrain.
>
> Can a 2m base station antenna be easily tuned to 152mhz?
>
> Thank you in advance for any advice in this area. I have contemplated
> getting into amateur radio for a long time, and this may just push me in!
>
> ---
> Dave Andrews P22407@email.mot.com
> Motorola GSTG Scottsdale, AZ
> ---
>

Holey Mackeral!! I can't believe you work for Motorola and ask questions like that.

What do you do for Motorola? Must not be anything to do with their radio division.

The company you work for makes some of the best radios in the world. I'm not sure that what you want to do with the radio is actually legal on amateur bands.

It is definitely not legal to use a amateur radio that has been retuned to the ham bands.

Good Luck,

Rick

1467. Re: International Callsign or Prefix Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 05:25:17 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3gsent$voi@omnifest.uwm.edu>
Source record: 252716

I believe the ARRL maintains a prefix list. Try postmaster@arrl.org

73,

Rick WB9GYT

1468. Re: 1 rev in 15 min sync motors required (bulk)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 07:10:30 UTC
From: dave@llondel.demon.co.uk
Message-ID: <791820630snx@llondel.demon.co.uk>
Source record: 252723
Cross-posted to: sci.astro.amateur,sci.astro,sci.space.policy,uk.org.starlink.misc,ieee.general,misc.misc,rec.radio.amateur.misc,sci.electronics,sci.engr.manufacturing,uk.d-i-y,uk.misc,uk.radio.amateur,uk.sources

In article <791779898snz@myth.demon.co.uk>
zeus@myth.demon.co.uk (Mike Cowgill) writes:
>(Newsgroups trimmed slightly)
>
>In article <ADAMS.95Feb2003926@fb0403.mathematik.th-darmstadt.de>
> adams@fb0403.mathematik.th-darmstadt.de "Hans Adams" writes:
>
>> EH? 220V AC from power plant is allowed to have drift in frequency.
>> Without AC supply derived from a _VERY_ stable clock, like HSYNC of
>> your TV-set (often derived from rubidium clock at broadcast stations),
>> your integral precision will be disappointing bad.
>
>I wouldn't worry, in practise (certainly in the UK) mains frequency is pretty
>accurate. Theoreticaly it is +/- 10% but in practise I think they lock it to
>a standard to ease technical problems. RS Components do geared down low speed
>motors. If it were *that* sensitive, I would use a quartz (or even GPS derived)
>timebase with a feedback and phase comparator loop.
>
Mains frequency in the UK is more tightly specified than that - I think
it is supposed to be better than 1%. ISTR a comment from a CEGB official
that they tweaked the frequency so that the mains clock in the power
control room was exactly right at 8am every day.

I wonder how they cope with leap-seconds? :-)

Dave
--

****
* G4WRW @ GB7WRW.#41.GBR.EU AX25 * *
* dave@llondel.demon.co.uk Internet * Stop the World! I want to get off! *
* g4wrw@g4wrw.ampr.org Amprnet * *

1469. Re: TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 07:37:35 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb3.073735.28010@ke4zv.atl.ga.us>
Source record: 252719
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <1995Feb2.172608.20328@schbbs.mot.com> P22407@email.mot.com writes:
>
>I am running a chase vehicle for a off-road race team. I perfer NOT to
>pay the inflated prices race-radio companies charge for inferior
>equipment. I instead would perfer to get my licence and buy a radio I
>can also use for 2-meter. Here are some questions:

Your company makes the best land mobile service radios. If you think
they are overpriced, I suggest you take that up with your management.

>Can a good 2-meter radio (Kenwwod, Icom, etc.) be modified to transmit in
>the 150 to 154mhz range? Do I need a permit (you dont even need a licence
>to use a race radio!)?

You *do* need a license for a "race" radio. What these radios actually
are doing is operating on the itenerant channels of the land mobile
service. They are required to be licensed. Anyone who tells you different
is either ignorant of the regulations or lying. Amateur radios are not
Type Accepted for land mobile operations. Modifying them to operate on
these frequencies, while technically possible, would be a violation of
the regulations if you transmit with them.

>What is MARS/CAP use?

The Military Affiliate Radio System is a Department of Defense radio
service, operating on military frequencies. Amateurs may be accepted
to participate in this activity. The Civil Air Patrol service is also
operated on government frequencies to support the SAR functions of the
Civil Air Patrol. Amateurs may also be accepted to participate in this
activity. Type Accepted equipment is not required for either of these
services, so modified amateur radio equipment may be used.

>If I get a handheld, can I get an amp that operates on 12vdc to boost my
>signal? In a typical race, the car may be as far away as 50+ miles over
>rough terrain.
>
>Can a 2m base station antenna be easily tuned to 152mhz?

It's technically possible to do either of these things. However, operation
on land mobile frequencies with amateur equipment is illegal.

>Thank you in advance for any advice in this area. I have contemplated
>getting into amateur radio for a long time, and this may just push me in!

Amateur radio can be used for ocasional personal business under a recent
FCC regulation. So it may be legal to conduct your race support activities

via amateur radio, but you can't use amateur equipment on land mobile channels, and you have to follow the other amateur service rules while operating.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1470. Balloon Flights in Colorado (February)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 07:45:49 UTC
From: rickvg@usa.net
Message-ID: <5vTCISEHGYq1075yn@usa.net>
Source record: 252721

Edge of Space Sciences now has a home page available to WWW folks.

http://usa.net/~rickvg/eoss.htm

There's lots of interesting info there regarding our group.

FLIGHT PROFILE FOR EOSS 21

LAUNCH DATE: Feb 4, 1994
LAUNCH SITE: Jim White's Place
LAUNCH SITE COORDINATES: 39.5166 deg North
104.5920 deg West
LAUNCH TIME : 15:30 UTC
FLIGHT EXPERIMENT: Flight Qualification of Shuttle II
PROJECT INTEGRATOR: Jack Crabtree AA0P, Mike Manes W5VSI

Shuttle II FREQUENCIES:
Telemetry 144.340 MHz
Beacon 147.555
ATV 426.250
10 Meter beacon 28.322 (still in development but expected)

Foxhunters:
CRA Repeaters 447.150 MHz

PURPOSE OF THE FLIGHT:

Jim White, WD0E, has graciously offered the use of his home as a launch site. We are expecting a launch time of 15:30 to 16:00 UTC.

Our last flight revealed some bugs and destroyed some equipment. This flight will requalify the "Shuttle II" for its upcoming experimental payload.

APRS will be active on this flight

From the APRS documentation:
THE LATEST APRS is posted on 410-280-2503 BBS. After version 3.11 I will also always post a file similar to: 400to401.zip which will contain only the files that changed in the latest release.

The Automatic Packet Reporting System "APRS" is also available by FTP and is located at ftp://oak.oakland.edu/pub3/hamradio/pc/digital/utils/. Look for APRSxxxx.ZIP where xxxx will represent the current version number.

```
--------------------------
FLIGHT PROFILE FOR EOSS 22
--------------------------

LAUNCH DATE: Feb 25, 1994
LAUNCH SITE: Air Force Academy Glider Port
LAUNCH SITE COORDINATES: 38.9666 deg North
104.81666 deg West
LAUNCH TIME : 15:30 UTC (tentative)
FLIGHT EXPERIMENT: Atmospheric Sampling of Inversion Layer
PROJECT INTEGRATOR: University of Colorado at Colorado Springs
Jack Crabtree AA0P

Shuttle II FREQUENCIES:
Telemetry 144.340 MHz
Beacon 147.555
ATV 426.250

Foxhunters:
Pikes Peak FM Association Repeaters 449.450 MHz (tentative)

PURPOSE OF THE FLIGHT:
------------------------------
Launch is scheduled for 15:00 UTC at the United States Air Force
Academy's Glider Port.

Two experiments will be flown.

1.) A gas capture experiment to sample air below and above the thermal
inversion that regularly resides above Colorado Springs. These samples
will be obtained by using computer controlled, evacuated canisters.
These canisters will be recovered and the gasses they capture will be
analyzed for their constituents.

2.) Ozone will constantly be monitored throughout the flight. This
information will be transmitted to the ground via telemetry channels in
the EOSS "Shuttle II" where they will be captured on computer for later
analysis.

--

73 -- Rick

*************************************************************************
* Rick von Glahn Edge of Space Sciences, Inc. *
* rickvg@usa.net - Internet (preferred) Promoting Science and Education *
* N0KKZ@W0GVT.#NECO.CO.USA - packet radio through Amateur Radio and *
* http://usa.net/~rickvg/home.htm High Altitude Balloons *
* http://usa.net/~rickvg/eoss.htm for EOSS information *
*************************************************************************
```

1471. Second Biannual Elmers Directory Mass-Ack (Followup)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 08:03:14 UTC
From: jangus@skyld.grendel.com
Message-ID: <791798594snx@skyld.grendel.com>
Source record: 252720

In article <pschleck.791768882@gonix> elmers-request@gonix.com writes:

> The problem has been fixed, so feel free to E-mail me again. I
> apologize for this oversight and hope this won't cause my impeachment
> from my high office. :-)

Are you kidding? If you was impeached, *we* might have to do your job.

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1472. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 09:45:27 UTC
From: ozone@primenet.com
Message-ID: <ozone.254.073B722C@primenet.com>
Source record: 252462

In article <3glets$gc7@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
e,
To cure the memory effect, connect a resistor (lamp) across the
>cells, that will drain them within a few hours. If they discharge
>seemingly properly, but only with 80% of the design voltage,
>than there is most likely a memory effect present. (there is
>however a chance that one of the cells is dead).

Make sure the resistor is across INDIVIDUAL CELLS, not the battery! If you run the battery way down, some cells will go to zero before others, and the reverse charging of those cells by the discharge of others if very harmful to them.

Also, keep in mind that the so-called memory effect is very rare (according to the Gates Battery Engineering Manual, which has an extensive section on this). In order to create the memory effect one needs to repeatedly partially discharge the battery to the SAME level.

With memory effect, the battery will not deliver less energy than without it, itsimply delivers that energy at 90% of the design voltage (in the memory region) rather than at 100%. For a radio transmitter this can be a problem, since output power may go down significantly. For most receivers it won't make any difference at all.

Again, all this information is from Gates. Many manufacturers of equipment (but not of batteries) will disagree.

John Moore NJ7E - mailto:ozone@primenet.com - http://www.primenet.com/~ozone/
...Politicians are like diapers: both need to be periodically changed for the same reason...

1473. Where is S51OI located?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 09:55:49 UTC
From: ab4el@cybernetics.net
Message-ID: <3gsuj5$2om@news0.cybernetics.net>
Source record: 252724
Cross-posted to: rec.radio.amateur.misc,triangle.radio

I worked S51OI the other night on 3.785 MHz (me running QRP)
and I'd like to know where he is.

--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

1474. Durham, NC - 11 Feb 95 Sat - Comm'l Radio Op Lic Exams

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 10:12:02 UTC
From: ab4el@cybernetics.net
Message-ID: <3gsvhi$2ut@news0.cybernetics.net>
Source record: 252725

Commercial Radio Operator License Examinations:

Durham, NC - - 11 February 95 - - 9:30 a.m.
SW Branch of Durham Public Library: 3605 Shannon Road

Steve Modena AB4EL (919) 787-7618
or Terry Murphy AB4VJ (919) 494-2088

Contact AB4EL@Cybernetics.NET for detailed info via email.

--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

1475. Re: 1 rev in 15 min sync motors required (bulk)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 10:16:49 UTC
From: igb@fulcrum.co.uk
Message-ID: <D3F5w1.Bux@fulcrum.co.uk>
Source record: 252726
Cross-posted to: sci.astro.amateur,sci.astro,sci.space.policy,uk.org.starlink.misc,biz.general,biz.misc,misc.misc,rec.radio.amateur.misc,sci.electronics,sci.engr.manufacturing,uk.d-i-y,uk.misc,uk.radio.amateur,uk.sources

In article <ADAMS.95Feb2003926@fb0403.mathematik.th-darmstadt.de>,
Hans Adams <adams@fb0403.mathematik.th-darmstadt.de> wrote:
> EH? 220V AC from power plant is allowed to have drift in frequency.

Yes, but in England at least its long-term accuracy is assured; the mean
taken over a few hours will be 50Hz.

Or so it is claimed.

ian

1476. Re: FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 11:25:21 UTC
From: rsine@cybernetics.net
Message-ID: <rsine.5.000E59F7@cybernetics.net>
Source record: 252727

In article <opp-0202950127420001@204.117.218.104> opp@worldweb.net writes:
>Subject: FT-530
>From: opp@worldweb.net
>Date: Thu, 02 Feb 1995 01:27:42 -0300

>Like to hear the upside and downside of the FT-530. Best and worst
>features. If u have one and love it, let's hear why. If you have (or had)
>one and hate(d) it, let's hear from you too.

I won one at our club Xmas party, and have used it continuously since. I find it to have good range ... much of my 2M operating is simplex. I can hit a 440 repeated from within my auto about 12-15 miles out. No outside antenna, just r/duck.

Have really learned little about the MANY features, although those I learned and use seem to work well. No complaints.

It is a little hard to operate with gloves on ... but, I don't do a whole lot of that anyway.

No complaints. Nothing that REALLY stands out, other than the nice reports I get.

Dick

1477. Help SB220

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 11:54:31 UTC
From: Steve@g4owt.demon.co.uk
Message-ID: <791812471snz@g4owt.demon.co.uk>
Source record: 252578

Hi All, I have a problem with my Heathkit SB220 Linear Amp. The mains on/off rocker switch has failed in the "on" Position. I have telephoned Heathkit in the states, however "The spare is no longer available". The question is , does anyone know who made the switch, if so have you an address or phone number, if not have you replaced the switch with a look a like???
--
Steve Harwood G4OWT

1478. 1995 Special Olympics World Games

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:20:19 UTC
From: battles@ibm.net
Message-ID: <3gtaij$11l8@news-s01.ca.us.ibm.net>
Source record: 252579

FACT SHEET: 1995 Special Olympics World Games
June 28-July 9, 1995
New Haven, Connecticut

Greetings to all radio amateurs!

The US Congress authorized a large appropriation to help fund the 1995 Special Olympics World Games, the biggest sporting event in the world in 1995, and the biggest event ever held in southern New England! More than 7000 Special Athletes from 140 countries will participate in 25 events at the Yale Bowl and elsewhere, and organizers expect more than 2000 coaches, 15,000 family and friends, 1500 media representatives, 700,000 spectators, and many celebrities, honored guests, heads of state and other VIPs to be on hand (such as Gov Rowland and probably President Clinton and Vice President Gore). There will also be many hours of national network TV coverage and enormous amounts of other media publicity.

All Amateur Radio operators are invited to volunteer their time and effort to take part in communication support for this enormous public service activity.

I have agreed to serve as volunteer Amateur Radio Liaison to the 1995 Special Olympics World Games and we are planning several Amateur Radio activities. Clubs and individual amateurs are asked to assist by getting involved NOW, as the Games are drawing near and coordination is well underway.

All ARRL Connecticut Section cabinet members have been briefed on the event plans and are graciously helping me with coordination.

Hams will operate a special-event station, W1SO (call sign courtesy of Bill Carpenter, W1SO, of Bristol), which is being managed by Neil Salowitz, WA1CBW, of Amston. Kenwood, AEA and other major ham radio manufacturers are acting as corporate sponsors and donating the use of a large amount of equipment. If you or your club would like to participate, please call Neil right away at 203-228-4922.

We have been asked to participate with each of the Host Communities throughout the state that are each hosting Special Athletes' delegations from a particular country. Amateurs are needed to set up HF stations for a demonstration/presentation at schools in most Connecticut towns to explore the educational aspects of meeting people from other countries and looking at their cultures, geography, etc. We need a Manager to coordinate this project and volunteers (clubs or individuals) to set up stations at local schools for a day. Please contact me if you can help.

We are also going to establish message centers in the Olympic Town Complex to let the Special Athletes and delegations originate NTS radiograms to send to their homes, in the US and overseas. The NTS Project Manager is Jim Ritterbusch, KD1YV, or his daughter Michelle, N1PNT, at 203-790-7041. All hams interested in traffic handling should contact Jim or Michelle immediately.

Connecticut ARES members will be requested to stand by for general communication support, and the CT ARES Search-and-Report Team will be activated on standby for the Cessna Fly-In at Bradley Airport in Windsor Locks on June 30, where several hundred private aircraft will sortie to bring in Special Athletes and VIPs. Contact ARRL CT Section Emergency Coordinator Clark Magness, NI1U, at 203-457-1892, to assist in ARES operations.

Hams will also support the bicycle races and foot races; to assist, please contact Dick Phelps, K1SW, at 203-875-0151, or Don Izzo, N1HAX, at 203-466-0435.

The Special Olympics Committee has also requested hams to provide ATV coverage for live video of certain outdoor events, such as the road races and sailing events. Some of this will be done by stationing hams on boats and military helicopters. ATVers who want to help should call me.

All hams who assist must be officially registered in advance so that they may be placed on the volunteer rosters and issued the proper clearance, access credentials, passes, etc. Don't wait until June--that will be TOO LATE. McDonald's, as a corporate sponsor, will provide food for all 45,000 volunteers, although out-of-state volunteers must arrange their own lodging.

All clubs are asked to distribute this information immediately to their members, in meetings, on the air and via newsletters. If you have questions, contact me.

This will be the largest public service event most of us will ever see in southern New England and it's an opportunity to exemplify the powerful capabilities that make the Amateur Radio service a vital national and international resource. Thank you for your assistance!

--CUL es 73...

Brian Battles, WS1O, 746 East St, New Britain, CT USA 06051
Tel 203-666-1541 weekdays; 203-827-9956 eves/weekends
Fax 203-665-7531
TCP/IP: ws1o@ws1o-2.ampr.org [44.88.2.43]
AX.25: WS1O@W1EDH.CT.USA.NOAM
Internet: bbattles@arrl.org (work); battles@ibm.net (home)

==========

Brian Battles, WS1O, New Britain, CT USA bbattles@arrl.org
Amateur Radio Liaison, 1995 Special Olympics World Games

Need a writer, editor, sex instructor? Send e-mail to: battles@ibm.net
"Since the invention of elastic, people take up less space in the world."
==

1479. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:26:26 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Feb3.082626@miavx3>
Source record: 252580

In article <3gkgfq$479@eram.esi.com.au>, dave@eram.esi.com.au (Dave Horsfall) writes:
> In article <3g4e9i$17a@vtc.tacom.army.mil>,
> q@wx8l.tacom.army.mil (Sean (WX8L)) writes:
>
> | Al, current flows from negative to positive, a commonly overlooked fact.
>
> So what happens _inside_ the battery, eh? Riddle me that...
>
> --
> Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
> Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

Actually the same. Electrons still flow for a point of greater concentration
(i.e. negative) to a point of lesser concentration (labeled "positive").

73 >< Carl
K8NHE

1480. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:32:43 UTC
From: bob@mtdcr.att.com
Message-ID: <D3FEyL.BBp@nntpa.cb.att.com>
Source record: 252582

From article <3gqv7s$5re@cat.cis.Brown.EDU>, by md@pstc3.pstc.brown.edu (Michael P. Deignan):
> Welp, here's another fine example of what lowering standards in the
> hobby has given us. This guy deserves to go to jail. We can't have
> idiots like this out on the bands. Maybe he could volunteer to be a
> poster boy for genetic engineering.
>
>
>
> Providence Journal Bulletin
> Friday, January 27, 1995
> Page C-6
>
> Glocester man charged with threatening to poison reservoir
> By Ken Mingis
>
> Police said a Glocester man broadcast threats over a state-used radio
> frequency to bomb and poison the Providence-owned Scituate Reservoir
> system -- then was arrested at his home yesterday after he used his
> HAM radio to identify himself and declare that the threats had been a
> "mistake".
>
> Steven P. Savoie, 26, of Snake Hill Road was charged with making threats
> or false reports of bombs being placed, and was released pending District
> Court hearing, state police said.

The callbook server shows no Steven Savoie with any amateur radio license. It also shows no Savoie living in Glocester or Gloucester or anything close to that.

I suspect this is yet another example of the media calling any nut with a radio a HAM radio operator. You may recall a few years ago, when somebody was interfering with air traffic control in New York City, ABC aired a report saying that an unknown ham radio operator was deliberately interfering with air traffic control. If they didn't know who it was, how did they know he was a ham?

By the way, what does any of this have to do with the no-code Tech license?

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob

AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

1481. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:32:48 UTC
From: gfiber@halcyon.com
Message-ID: <3gtba0$aaf@news.halcyon.com>
Source record: 252583

In article <f78_9501302217@trisoft.com>, Gary.Coffman@f1.n328.z1.fidonet.org (Gary Coffman) says:
>
>From: gary@ke4zv.atl.ga.us (Gary Coffman)
>Message-Id: <1995Jan27.150015.9993@ke4zv.atl.ga.us>
>Date: Fri, 27 Jan 1995 15:00:15 GMT
>
>In article <D328AE.FHB@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David
>Stockton) writes:
>>
>> It isn't the fuse in the negative lead that should be questioned, but
>>the entire negative lead to the battery !
>>
>> Brian is quite right that the fuse is important to prevent
>>damage/fire should the battery's main negative cable fail, somehow.
>>Without the main battery - cable, immense currents will pass when you try
>>to operate your starter. The current flow is via the main cable to the
>>starter, through the starter motor to the engine block, through the
>>engine-body ground strap, through the body to the nice ground connection
>>at your antenna, along your co-ax braid to the rig, along the rig's
>>negative cable to the battery. This is the only remaining route on many
>>vehicles.
>
>Yes, that's why the fuse is necessary.
>
>> Radio manufacturers provide a negative supply wire in the belief that
>>wiring it back to the battery terminal itself will reduce audio freq
>>noise on the power feed to the radio. Think of the pulsating current
>>(rectified 3-phase AC) from an alternator, if there is much resistance
>>in the battery - cable, there will be a voltage created across it. This
>>is what they are trying to avoid. Unfortunately, they neglect the
>>additional ground via antenna cable and bodywork which spoils this
>>attempt anyway. Fuses have quite large resistances, so the necessary
>>fire protection spoils the attempt still further.
>
>This is wrong. The purpose of the negative wire is to eliminate
>the ground loop through the chassis. This *common path* carries
>both the radio V- and the V- of all the other vehicle systems,
>some of which generate substantial current pulses. The current
>draws of the other vehicle systems will modulate the V- voltage
>seen at the radio via the common resistance. Now the idea of the
>negative lead is to *short circuit* this common resistance for
>radio return currents.
>

>Since galvanized (and today, painted before assembly) steel body
>panels and structural members offer a considerably higher resistance
>than copper wire, the alternate current path through the antenna
>ground connection is essentially short circuited by the copper negative
>lead direct to the battery. A fuse may have up to 0.1 ohm resistance
>for a typical 20 amp cartridge fuse, but the body panel connection will
>almost always be greater than 1 ohm. This 10x lesser resistance via the
>negative lead will eliminate most of the common path current modulation.
>
>Gary
>
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

I work for a major radio manufacturer and the reason for the negative fuse is to protect the radio in the event some other device tries to obtain a ground path to it. I never heard of 3 phase alternator noises reasons. As for fire, the fuse does not do much good at the radio end. A good installiation will have a big fuse right at the battery in the event the positive radio lead gets groinded. Remember most automotive batteries can supply 400 + amps for a short period, but long enough to start fires and such. My mobile has a 60 amp fuse right at the attachment to the positive battery post for the radio connection. Also i maintained the regular radio power lead fuses too. I feed my mobiles with # 10 gauge multi strand wire, so even HF works great..

73' Gary Fiber

1482. UK information

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:37:17 UTC
From: vinod@kariat.watson.ibm.com
Message-ID: <VINOD.95Feb3083717@kariat.watson.ibm.com>
Source record: 252584

A fellow ham is visiting the UK in March, and is looking for some information. Any help is much appreciated. He would like to receive information on the following:
1. Do repeaters usually use a tone burst system? (If so, anybody know if add-on units are available?)
2. Repeater frequencies (2m or 440) in the Machester area and London area (He is also visiting a town about 90 miles due north of Heathrow, I don't remember the name and I am a little shaky on the geography, that may fall in the Manchester area..apparently, it is the town where the Bronte sisters used to live, if that helps ..)
3. Reciprocal licence info (I believe he is already looking into this).
4. Any special restrictions on bringing equipment in. (He is just looking at bringing in a dual-band HT, I think it is an FT 530).

Please reply directly by email, as this is probably not of much interest to the general readership here. Many thanks in advance!

--
--vinod
vinod@watson.ibm.com

1483. Re: ICOM IC-W21 A7 - HELP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:40:25 UTC
From: gfiber@halcyon.com
Message-ID: <3gtbo9$aaf@news.halcyon.com>
Source record: 252585

In article <bfredric.1.0013CB92@pcug.org.au>, bfredric@pcug.org.au (Brian Fredrickson) says:
>
>A friend of mine has recently returned to Australia after living overseas for
>5 years. He owns an IC W21 A7.
>
>Unfortunately the IC W21 A7 is set up for the US band plan and is next to
>useless in VK. However there is a E7 version of this rig which is designed for
>the rest of the world.
>
>ICOM in VK have apparently told my friend he should have purchased the rig in
>VK (5 years ago?) and are unable to supply a fix to convert the A7 to an E7
>model.
>
>Seems to me that the band parameters are probably contained in either an eprom
>or is set by some dip switches. Does anybody know how you can change the band
>settings of this rig? I can't believe that you are expected to own one of each
>if you have to live overseas for a time.
>
>thanks in anticipation,
>
>73....Brian VK1BF
>
>____
>Brian Fredrickson
>bfredric@pcug.org.au
Brian,

In recent years Icom has started using different CPU's for different
parts of the world, so no longer will just moving or intsalling a diode
change the frequency coverage of the radio. This is really much more
the case with versions other then U.S.A. versions. The W@E needed both
CPU's replaced to make it an American U.S.A. version.

73' Gary Fiber

1484. Re: 1995 Field Day date?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:40:46 UTC
From: battles@ibm.net
Message-ID: <3gtbou$11ha@news-s01.ca.us.ibm.net>
Source record: 252586

In <93.22875.7585.0NFB90A7@woodybbs.com>, tom.hammond@woodybbs.com (Tom Hammond) writes:
>ME>When's Field Day this year (1995)?
>ME> June-sometime, what days?

>TH>It's usually the last full weekend in June, thus, it (should) be
>TH> June 24-25, 1995.

>BO>It's always the fourth full weekend in June. Usually that's the last
>BO>full weekend, but not always.

>Correct! Thanks for the back-up. Should'a figgered it was the 4th full
>weekend...thanks!

As they say, "Field Day is the 4th full rainy weekend in June." 8-)

==========
Brian Battles, WS1O, New Britain, Connecticut USA bbattles@arrl.org
Amateur Radio Liaison, 1995 Special Olympics World Games

Need a writer, editor, sex instructor? Send e-mail to: battles@ibm.net
"Since the invention of elastic, people take up less space in the world."
==========

1485. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 13:51:17 UTC
From: drt@world.std.com
Message-ID: <D3FFtH.Avq@world.std.com>
Source record: 252587

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: Welp, here's another fine example of what lowering standards in the
: hobby has given us. This guy deserves to go to jail.

[snip]

: Police said a Glocester man broadcast threats over a state-used radio
: frequency to bomb and poison the Providence-owned Scituate Reservoir
: system -- then was arrested at his home yesterday after he used his
: HAM radio to identify himself and declare that the threats had been a
: "mistake".

Right the first time. Big time mistake. Criminal mistake.

: Steven P. Savoie, 26, of Snake Hill Road was charged with making threats
: or false reports of bombs being placed, and was released pending District
: Court hearing, state police said.

: "I believe he thought it was a joke", [Mayor] Cianci said.

The troopers must have thought it was hilarious. I'm sure they think
the Amateur Service is a joke.

[snip]
: ---

: You have to wonder: This guy was stupid enough to open his mouth. Had he
: not, would they have every found him? Probably not.

I don't know, but I do know this: you can't blame "lower standards"
for this one. Consider question N1J02:

"Why is transmitting on a police frequency as a `joke' called harmful
interference that deserves a large penalty?

A. It annoys everyone who listens
B. It blocks police calls which might be an emergency and interrupts
police communications
C. It is in bad taste to communicate with non-amateurs, even as a
joke
D. It is poor amateur practice to transmit outside the amateur bands"

Sheesh! This is known in the trade as a "gimme". It's just not
possible that this fellow's problem was that he merely memorized all
the questions. Unless his license was fraudulently issued, this
fellow *must have read that question* sometime or other and then
ignored a warning which ordinary reasonable people don't need in the
first place. (How many people right off the street do you suppose

would get this one wrong?)

Sympathy is hard to muster.

And now some news: My wife, Angela, a quite intelligent woman, gave up her entire weekend to study for the exam, and is now officially N1UEZ. She won't be using the radio much, but she'll be legal when she does. Therefore, in her honor, I hereby ban, enjoin, and entirely forbid all derogatory comments about "clueless" Techinician licensees throughout USENET! :-)

-drt

("`... think it'll hold up?' `You're kidding, right?'")

|David R. Tucker KG2S drt@world.std.com|

1486. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 14:05:37 UTC
From: md@maxcy2.pstc.brown.edu
Message-ID: <3gtd7h$mhv@cat.cis.Brown.EDU>
Source record: 252588

In article <D3FFtH.Avq@world.std.com>,
drt@world.std.com (David R Tucker) writes:

|> Sheesh! This is known in the trade as a "gimme". It's just not
|> possible that this fellow's problem was that he merely memorized all
|> the questions. Unless his license was fraudulently issued, this
|> fellow *must have read that question* sometime or other and then
|> ignored a warning which ordinary reasonable people don't need in the
|> first place. (How many people right off the street do you suppose
|> would get this one wrong?)

Well, if its like any of the no-clues I've heard on the radio, they
seem to forget what they've memorized once the license arrives.

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1487. Icom IC-735 product review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 14:10:06 UTC
From: slg@rfc.COMm.harris.COM
Message-ID: <Pine.A32.3.90.950203090804.96194B-100000@fep01.rfc.comm.harris.com>
Source record: 252589

The 735 was reviewed in the 1/86 QST. Very favorable review. I have the
735 and feel it offers the best features and performance/cost ratio. Get one!

73, Steve KB2PWM

1488. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 14:41:49 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3gtfbd$3d5@portal.gmu.edu>
Source record: 252590

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: Welp, here's another fine example of what lowering standards in the
: hobby has given us. This guy deserves to go to jail. We can't have
: idiots like this out on the bands. Maybe he could volunteer to be a
: poster boy for genetic engineering.

: Steven P. Savoie, 26, of Snake Hill Road was charged with making threats
: or false reports of bombs being placed, and was released pending District
: Court hearing, state police said.

This is an uncalled for attack on no-coders. Mr. Savoie does not
appear to have a license at all. I checked the CD-ROM callbook, and the
on-line version. No Savoie with his first name or street address exist in
the callbook database.
You ever think he maybe bought a radio without a license? Or maybe
he bought used police equipment, and the paper called it ham gear out
of ignorance?
Finally, what evidence can you show that a five word/minute CW test
weeds out the mentally unstable? I'd argue that having a candidate preform
bode plots from impulse response is a better method.

73,
Shawn
KE4GHS (because I don't care about HF)

1489. Re: UK Freqs - Central Scotland

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 15:13:20 UTC
From: li@laser.com
Message-ID: <3gth6g$ibd@pheidippides.axion.bt.co.uk>
Source record: 252591
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

In article <D3DqLw.Cw3@hpqmoea.sqf.hp.com>, dstock@hpqmdla.sqf.hp.com
(David Stockton) says:
>
>Class Entry (caix035@ccsun.strath.ac.uk) wrote:
>: I am looking for some specific freqs for central Scotland,
military,police
>: ambulance etc, if you know any then either post or mail me.
>: Bob Smith
>
>
> In Britain, it is illegal to listen to these things. The penalties
>are rather large and/or long. Of course, such a crime is virtually
>undetectable unless the perpetrator is either seen doing it, or in some
>other way reveals that he has done it, perhaps by posting it on a public
>forum ?

Notwithstanding the advice above, you may find frequency plans in Ham
Radio Today magazine (Scanner section) from time to time. There are also
LOTS of scanner books which give out detailed listings.

Regards,

Kwong Li, G0TOY
li@laser.com

1490. Re: Accu-Keyer won't key IC-730

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 15:15:35 UTC
From: Dave Bushong <dbushong@wang.com>
Message-ID: <D3FJq1.33o@wang.com>
Source record: 252592

robert.brandon@camel.com (ROBERT BRANDON) wrote:
>
> I recently pulled out an old Accu-Keyer I built years ago and tried to
> use it with my Icom IC-720. No go. Plugging in the keyer locked the
> sidetone on, [...] Any
> ideas? I no longer have any documentation on the Accu-Keyer and all my
> manual on the rig says is be sure the keying voltage is less than 0.4
> VDC. I don't read any voltage on the output of the keyer. Thanks,
> Robert WD5AAT

I seem to recall that the Accu-keyer was generally used with grid-block- keyed transmitters, and was designed to switch a negative voltage to ground. Most (all?) if the IC-700-series need to have a positive voltage pulled to ground. This is usually done by connecting it to the collector of a grounded-emitter NPN transistor and then saturating the transistor.

Didn't the Accu-keyer have an alternate connection for "positive keying"? If so, use it. It's probably a jumper or two inside the keyer, near where the "keyed" output connects to the circuit board.

Hope this helps, 73,
Dave, KZ1O

1491. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 15:46:10 UTC
From: Dave Bushong <dbushong@wang.com>
Message-ID: <D3FL50.4H9@wang.com>
Source record: 252593

hogant@unisys.co.nz (Tim Hogan) wrote:
> [...]
> To start the ball rolling, our group will be placing a small BAR-CODE
> containing the callsign only, on each of our new cards.

Tim,

What barcode format will you be printing? There is another post here from Scott Darragh that suggests having the QSL printshop put the callsign, and more, on the card. I prototyped that, and can get everything he suggested (Call, Country, City, State, Zone) and more (Grid square, first name) in one easy stripe in 3 of 9 code along the front of the card, underneath the handwritten info blocks.

Not everyone would have the capability to print barcodes for each QSO; however, it would be quite simple to ask the QSL printer to pre-print info that never changes from one QSO to the next. Maybe a variable length barcode would work - a short (pre-printed) one for static information, and a longer (customized) one that contains the static info, plus QSO information.

The US post office uses a similar scheme, depending on whether the barcode is for the zip, zip+4, or the zip+4+residence number info.

Dave, KZ1O

1492. Re: Icom IC-735 product review

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 15:55:57 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.791826957@melpar>
Source record: 252594

Thanks to all who posted the correct issue of QST; I also found
it independently in the prodrev.txt file I downloaded from info@arrl.org.
ARRL is sending me a reprint of the article.

And to those who recommended that I "go out and buy one," I did -
in 1991! I just wanted a copy of the review for my archives on the
radio (which include an original glossy data sheet). And, yes, I've
been *very* happy with it.

VY 73,

Paul, K4MSG (who never saves more than 5 years worth of QST)

1493. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 16:04:20 UTC
From: c21rag@kocrsv01.delcoelect.com
Message-ID: <3gtk64$o6u@kocrsv08.delcoelect.com>
Source record: 252595

In article <791769664snz@waltd.demon.co.uk>, walt@waltd.demon.co.uk (Walt Davidson) writes:
> There has been some lengthy correspondence about this subject in a
> United Kingdom newsgroup recently.
>
> There is general acceptance that an apparently "defunct" Ni-Cd cell
> can often be rejuvenated by "belting" it in the positive direction
> with a pulse of DC at 1 or 2 amps. This means connecting the DC
> source to the cell with the positive line attached to the NEGATIVE
> terminal of the cell, and vice-versa (i.e. opposite to the way you
> would normally connect a charger.)
>
> Be VERY careful .... do not allow this level of current to flow through
> the cell for more than a fraction of a second! Otherwise you could
> witness an explosion!! A good source of current for this operation is
> a lithium battery of the type often used to power miniature cameras; I
> have even used a car battery with a 10-ohm current-limiting resistor in
> series. It is sufficient to "flash" the cell, just by touching the
> terminals momentarily with the source leads. You will probably get
> quite a spectacular spark! The voltage is not critical, but 6 - 12v is
> suggested.

Apparently all sorts of things change when one crosses the ocean.
"Zapping" becomes "belting", "color" becomes "colour", etc. :-). Also
the polarity of the zap apparently also changes. I've always done it
using normal charging polarity (+ to +), although for the fraction of
a second recommended here it probably doesn't make much difference.

The current level required does vary a bunch depending on the size of
the cell and the severity of the short. I've had D-cells that would
soak up 10 amps seemingly indefinitely without burning out the short.
AA's may need only a few hundred milliamps. Using a variable current
source lets you bring the current up slowly to just the level needed
to burn out the short, and if you're using normal charging polarity,
you don't have to worry about turning off the current so fast.

> Do this with each of your "weak" cells .... just once .... then recharge
> them on a standard 5-hour Ni-Cd charger. With any luck, you should find
> them as good as new! I have rejuvenated MANY, MANY NiCd cells in this
> way over the years.

I have found that each time you zap a cell, it degrades slightly and
will short a little quicker the next time, so this works best with
cells that get used a lot and don't sit around for weeks after
charging.

> I have become convinced that the use of so-called "Fast Chargers" (i.e
> 2 hour Ni-Cd charging units) seriously shortens the life of Ni-Cd cells.
> It is much better to use a current of no more than 100ma for charging ....
> maybe even less. A five-hour charging cycle for AA-size Ni-Cd cells is
> reasonable. If you MUST use a fast charger, then I would recommend that
> you use a slow (5-hour) charge say every fourth recharge. This will
> at least give the cells some chance of recovering from the far-too-rapid
> charging cycle of the "Fast Charger".

I definitely agree here. I suspect that fast charging is not that
hard on cells if the charger is smart enough to not overcharge the
cell, but that most chargers aren't that smart. Even with smart
chargers, I believe nicads are happier and will live longer with
slower charge rates. The standard "overnight" (14-16 hr) rate will
almost certainly prolong cell life compared to faster rates.

Roger Grady K9OPO c21rag@kocrsv01.delcoelect.com
Delco Electronics Corp. Kokomo, IN
"All information and opinions are strictly personal."

1494. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 16:11:30 UTC
From: ddabay@ruacad.ac.runet.edu
Message-ID: <D3FMB6.Cp2@ruacad.ac.runet.edu>
Source record: 252596
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3groih$lrq@hpbab.wv> Hank_Oredson@mentorg.com writes:
>In article <3gkhhq$2nc@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) writes:
>|> Hank Oredson (hanko@wv.mentorg.com) wrote:
>|>
>|> : I'm very curious where you discovered the information that indicates
>|> lots of similar info if you do a Gopher search on some key relevant

>Perhaps you need to look at those books (and papers and other documents)
>before you make assertions about history.
>
> ... Hank
>

YES!!! Someone else who had/has worked onthe "net" since before it
existed, "according to some sources" (dave says tongue in cheek)

Again, as they say in the newspapers (Martie Zad, Washington Post, circa
1978): Don't believe ...anything you hear,
half of what you read,
or some of what you see.
--
Dave Dabay Telecommunications Engineer Supervisor KD3PC
Radford University Computer Services Internet: ddabay@esprit.runet.edu

1495. subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 16:33:24 UTC
From: cklebes@world.nad.NOrthrop.COM
Message-ID: <9502031633.AA01869@world.nad.northrop.com>
Source record: 252597

```
SUBSCRIBE rec.radio.amateur.misc Bill Klebes
```

1496. ham programming for digital

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 17:16:49 UTC
From: aa176@cfn.cs.dal.ca
Message-ID: <D3FpC2.86@cs.dal.ca>
Source record: 252598

Can anyone recommend any good books on modulation/demodulation of digital modes (ie. packet, rtty, amtor, wefax, sstv) ? With a slant on computer interfacing or interpreting (software) would be ideal, but (I expect) too much to ask for. Other radio signal/software interpretation is also interesting to me. Such as the tuning algorithms/indicators on TNC's like the MFJ or in various ham software I've looked at. What's up with that??? Any guidance appreciated. THX for anything. 88

1497. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 17:18:45 UTC
From: wjturner@iastate.edu
Message-ID: <3gtohl$c9f@news.iastate.edu>
Source record: 252599

In article <D3FEyL.BBp@nntpa.cb.att.com>,
14033-R.SCHREIBMAIER(MT5655)1223MT <bob@mtdcr.att.com> wrote:
>I suspect this is yet another example of the media calling any nut with
>a radio a HAM radio operator.

Probably.

>By the way, what does any of this have to do with the no-code Tech
>license?

I think it's just a case of someone mistakenly thinking that only
(no-code) Technician class licensees are capable of this type of thing,
or at least are doing it much more often than others. Of course, this
is wrong. Unfortunately, it seems to me at least that Amateur Extra
class licensees are the largest group. (Sort of gives the rest of us a
bad name...)

Will

1498. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 17:59:03 UTC
From: little@iamu.chi.dec.com
Message-ID: <3gtqt7$l2r@jac.zko.dec.com>
Source record: 252600

Come on guys, see this for what it is. Michael is back to his flame-baiting with inuendos and doomsaying. Treat him like a repeater jammer and ignore him. He'll stop posting this inane drivel if everyone stops rising to the bait.

73,
Todd
N9MWB

PS Hey Michael, haven't you found something productive to do yet?

1499. Re: Accu-Keyer won't key IC-730

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 18:21:08 UTC
From: sufana@ceco.ceco.com
Message-ID: <D3FsB8.AAq@ceco.ceco.com>
Source record: 252601

Robert,
I use the Accu-keyer and you must make sure that the keying is proper. There is a a way to switch between positive and negative keying, but I use a better way. Among the many mods for that keyer was one that made a universal keyer output. It doesn't matter which way the rig wants to work, all electronic. If you want a copy of the mod or of the entire keyer, let me know, I have a complete file.

73s,
Charlie AJ9N sufana@ceco.ceco.com

In article uuout@camel.com, robert.brandon@camel.com (ROBERT BRANDON) writes:
> I recently pulled out an old Accu-Keyer I built years ago and tried to
> use it with my Icom IC-720. No go. Plugging in the keyer locked the
> sidetone on, but the rig wouldn't key. Hitting the keyer paddles made a
> little AC hum come through the speaker to the rhythm of my keying, but
> the rig wouldn't key.
>
> I hooked to keyer up to my ohm meter and the needle moves to dead
> short as I key. The rig keys fine with my straight key. Any
> ideas? I no longer have any documentation on the Accu-Keyer and all my
> manual on the rig says is be sure the keying voltage is less than 0.4
> VDC. I don't read any voltage on the output of the keyer. Thanks,
> Robert WD5AAT

1500. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 18:49:01 UTC
From: w5kne@mcimail.com
Message-ID: <3gtrb8$qes@superb.csc.ti.com>
Source record: 252602

In article <791768267snz@waltd.demon.co.uk>, <walt@waltd.demon.co.uk> writes:
>
> I feel a much more progressive approach would be to take the first steps
> towards eliminating QSL cards altogether! The cost of materials, printing
> and postages are becoming increasingly prohibitive .... and in this day
> and age of digital/electronic communication, the physical QSL "card" is
> surely obsolescent?
>
> ------Text deleted------
> Food for thought?
> 73,
> --
> Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
> 100523.1414@compuserve.com

------------ Comments ---------
I disagree with Walt. I believe that QSL cards or some other type
of manual confirmation will be with us for a long time, possibly
forever. Computerized QSO checking will not work 100% of the time.

No matter how careful an operator is, there is always the
possibiltiy of error in logging or understanding a call sign, hence
a computerized system won't work for all cases. There is always
some percentage of QSOs in expedition and contest logs that are
logged or heard incorrectly.

It is a goal to consider, but quite frankly I'd rather collect
QSL cards over computer printouts or diskettes anyday....

73,

Bob Winn, W5KNE, VK9XN, etc.

1501. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 19:16:13 UTC
From: wjturner@iastate.edu
Message-ID: <3gtvdt$etd@news.iastate.edu>
Source record: 252603

In article <3gtqt7$l2r@jac.zko.dec.com>,
Todd Little <little@iamu.chi.dec.com> wrote:
>PS Hey Michael, haven't you found something productive to do yet?

You have to ask? Sure doesn't look like he has...

1502. Re: AMSOFT (&other) advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 19:22:12 UTC
From: hanko@wv.mentorg.com
Message-ID: <3gtvp4$r2i@hpbab.wv>
Source record: 252604
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3gmfq8$k63@ixnews3.ix.netcom.com>, dtburr@ix.netcom.com (Dave Burr) writes:
|> In <3gjbss$3l9@hpbab.wv> hanko@wv.mentorg.com (Hank Oredson) writes:
|>

<deletia>

|> I use the word "enterprising" in quotes...these people are the same ones
|> who believe that they are "clever" when they park in a handicapped
|> parking space and get away with it, and that the rest of us "saps" were
|> not thinking or not willing to take a risk. We could legislate against
|> boorish behavior on the NET, but lets hope it never goes that far.

Do you have evidence to back up this assertion?

It is *illegal* to park in handicapped parking spaces, at least
in most jurisdictions. It is not *illegal* to post commercial
messages to usenet. You have here compared an *illegal* act to
an act *which you personally consider objectionable*.

If you wish a newsgroup without advertising, then you should take
those actions which will lead to such a newsgroup: a call for
moderation of the group, or a call for a new (moderated) group.
Within usenet, this is the only mechanism available to control
content - other than peer pressure ... and you will lose this one.

... Hank

--
<My opinion only>
Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

1503. RE: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 19:39:15 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf323f77.003@lan.mcl.bdm.com>
Source record: 252605

>Welp, here's another fine example of what lowering standards in the
>hobby has given us. This guy deserves to go to jail.

I have held a Technician class license for a little over a year now and I
just want to throw in my $.02.

Not all Technicians are bums, but it should also be said that not everyone
who passes 13 or 20 wpm on CW is the most gifted, best operator on
the air. I've heard lids with tech calls as well as 2x2 calls.

It seems like there will always be, much to my dismay, a certain amount
of discrimination against those who are Technicians, but I just let that roll
off my back. I have plenty of QSOs on 2 meters as well as 70
centimeters. In the future I plan on buying a TNC for packet and then
buying or building a good 6 meter radio. If you want to descriminate
against me because I don't know CW then that is fine; I am thoroughly
enjoying the VHF/UHF spectrum of the hobby.

Why can't the energy that is spent bashing Technicians be used to
encourage them to learn the code. Even if they don't want to learn CW,
encourage them to become involved in someother part of amateur radio
(.i.e, packet, ATV, 2m SSB, etc). The greatest thing about amateur radio
is that it offers something for everyone.

Just my $.02.

Warren Whitby
wwhitby@aol.com - Home
wwhitby@lan.mcl.bdm.com - Work
73s de KE4ITL

1504. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 19:54:09 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb3.195409.1190@ke4zv.atl.ga.us>
Source record: 252606

In article jeffrey@math.hawaii.edu (NH6IL) writes:
>
>In article <7740-198378402@commspec.com> richwood@commspec.com writes:
>>
>>Jeff,
>> It would be much more accurate to say it's ONE mode requiring some
>>level of mental skill. For a QSO to be interesting, any mode requires
>>mental skill. I'd bet RTTY operators would insist their mode requires a
>>certain level of skill, as would satellite operators and microwave
>>folks.
>
>But Rich, the act of communicating via rtty consists of taping on
>a keyboard.

Putting tape on keyboards? Whatever for? Looks like the keyboarder
has to learn to hit a lot of different keys while the Morse operator
only has to hit one. Seems the higher skill level goes to the typist.

>**
>Sorry to hear of another QRP supplier down the drain. Tejas dropped ham gear
>and this may not be news, but it is the first I have heard about Townsend
>Electronics going out of business. Here are a few words from Jim Townsend:
>``We consider it another nail in the coffin of Amateur Radio. The high costs
>of advertising in magazines combined with the lack of building expertise of
>the average ham, has made it impossible for us to continue. The demand for
>amateur radio products which have to be made by the amateur or used as parts
>in radios, just is not there in enough quantity to keep a viable business
>afloat in the sea of commercially available equipment. ....It is fortunate
>that the QRP clubs are keeping alive the ham spirit and encouraging building
>and experimentation.''
>**
>
>Sigh.

Guess there's not much demand for Morse only gear these days. Bet Ramsey
and Hamtronics are selling lots of FM kits, we know Baycom is moving lots
of modems, and even GRAPES is doing a brisk business in 56 kb RF modems.
The market is leading, the regulations are lagging.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1505. Re: AMSOFT advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 20:00:15 UTC
From: tedwards@Glue.umd.edu
Message-ID: <3gu20f$inm@thrash.src.umd.edu>
Source record: 252607
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3grkrh$ka3@news.doit.wisc.edu>,
Dave Mullenix <djmullen@facstaff.wisc.edu> wrote:

>I _DO_ object to commercial messages on USENET. I don't enjoy having
>my tax money used to pay for somebody to send me advertisements that
>are mixed in with the legitimate messages in such a way that it's
>extremely difficult to avoid them.

If you don't like your tax funded Usenet access to receive traffic
from privately funded Usenet sites, I suggest you contact your
newsadmin and complain. No one is forcing your site to
receive news from anyone else.

Clearly everyone, including advertisers, should abide by the individual
newsgroup charters, as most of you are FAILING to do in having this
conversation on so many newsgroups INAPPROPRIATE for this discussion.

Thus, followups to news.misc, please!

-Thomas
N3HAU

1506. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 20:15:19 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Feb3151519@cassandra.bbn.com>
Source record: 252608

In article <3gqv7s$5re@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
Welp, here's another fine example of what lowering standards in the hobby has given us. This guy deserves to go to jail. We can't have idiots like this out on the bands. Maybe he could volunteer to be a poster boy for genetic engineering.

Look here, it's Deignan using any old excuse to climb back up on one of his favorite old hobby horses again.

Just treat it as another troll.

1507. Vanity calls Report and Order

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 20:36:29 UTC
From: mtracy@arrl.org
Message-ID: <1995Feb3.203629.17608@arrl.org>
Source record: 252609

[Article crossposted from rec.radio.amateur.policy]
[Author was Mike Tracy (KC1SX)]
[Posted on Fri, 3 Feb 1995 20:35:06 GMT]

The FCC's Report and Order on Vanity call signs is now available in electronic form via the ARRL Email Information Server (or Info-Server for short). To retrieve a copy of this file, send an email message to info@arrl.org with any subject (it is ignored) and the following text as the body of your message:

help
index
send pr93-305.txt
quit

Best Regards, Michael Tracy, KC1SX, ARRL Technical Information Services

---
American Radio Relay League, Inc. Tel: 1-203-666-1541
225 Main Street Fax: 1-203-665-7531
Newington, CT 06111 Email: mtracy@arrl.org

1508. TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 21:51:25 UTC
From: Paul_M._Butterfield.wbst129@xerox.COM
Message-ID: <"3-Feb-95.16:48:43".*.Paul_M._Butterfield.WBST129@Xerox.com>
Source record: 252611

Hi gang,
I am a new ham with a small HT as my first radio. In order to get the most out of my 5W, I have mounted a Diamond X200A dual-band antenna on my roof, necessarily near the TV antenna. Unfortunately whenever I xmit with this setup, I make snow out of the TV picture. Makes the XYL unhappy. At some point, I'm going to a higher power xmitter, which will make the really bad snow even worse!
The only TV channels we care about are 8, 10, 13 (180, 192, and 210 MHz) and UHF. My radio at present is only 2m (140-150 MHz), so I'm wondering is there something I can do about the problem?
Please don't suggest cable TV. I know that will fix it, but I'd like to postpone that expense for a few more years. If there were a cheaper solution I would welcome it.
Please copy me in on your responses as I receive list output via a retransmission.
73... KB2TCG
Paul
butte.wbst129@xerox.com

1509. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 22:00:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5514.545@acenet.com>
Source record: 252612

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

SD>> PROPOSAL:
SD>> We would like to propose that other groups and individuals seriously
SD>> think about placing a BAR-CODE on their QSL cards. This would enable
SD>> us to more automate the QSL process. At a minimum the BAR-CODE should
SD>> contain the callsign, however, more thought could be given to the
SD>> format. For example it could also contain, as an option, the band,
SD>> mode, QSO date etc.

SD>Just as a thought in place of the barcode stating your made, mode, signal
SD>report
SD>Why not have it include the following:

SD>Thid would allow a ham to have a single barcode placed on every one of his
SD>QSL cards at time of printing. Secondly, all that would need to be added
SD>would be the freq, mode, rst and time. Just my thoughts and opinions.

Scott: this seems antiquated. Why do we even need QSl cards at all?
Why not just send the bar code?
In fact, why not automate that too?
You could have a bar code reader that reads a magnetically encoded bar
code on the back of the op's hand or forehead, and includes ALL of his
license info, callsign, station location, Social Seciurity number, date
of birth, county, grid square etc., and then integrate all THIS with the
RS-232 port from the rig that could output the mode, band, time,
callsign of the station worked & their report. Then the whole thing
could be E-mailed to the other station, and print out a full color
glossy QSL card on thick card stock...

Heck with this old fashioned methods!

AF4K
brian.carling@acenet.com

~ SLMR 2.1a ~ Proud member of PETA, People for Eating Tasty Animals

1510. Local NTS person?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 22:02:34 UTC
From: kla@helios.augustana.edu
Message-ID: <kla.791848711@news.bradley.edu>
Source record: 252613

Excuse me for asking, but is there an easy way to
find out who your local NTS person(s) may be?
Any kind of "directory" maintained, say with the
Traffic Manager for a section, to find out?

Do NTS people get bothered by any type of traffic,
say something they might deem to be "trivia" and
therefore a waste of their time?

Thanks. I'm trying to understand "todays" NTS.

73. Kevin, KB9IUA
gganderson@augustana.edu
Augustana College, Rock Island, IL

1511. Re: Need Examples of "Ham-Friendly" Tower Zoning Reg.'s

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 22:28:51 UTC
From: davidm@news-server
Message-ID: <1995Feb3.222851.7163@adobe.com>
Source record: 252614

Mike Morris (morris@grian.cps.altadena.ca.us) wrote:
: mebly@Glue.umd.edu (Mark E. Bailey) writes:

: >In an apparent effort to control cellular telephone communication towers, the
: >county I live in is amending its zoning regulations to address towers. Their
: >first cut at the regulations is not very good. This appears to be due to
: >ignorance, not an effort to regulate ham radio antennas out of existence.

: >Unfortunately, it appears they are going to regulate towers. Can anyone
: >provide examples of "ham-friendly" tower zoning regulations? I've been
: >talking to the cellular phone people and the county people and I think
: >that we can influence the final regulations.

: >Please send any relevant information you can to me via e-mail. Thanks in
: >advance and 73.

: The city of Rancho Palos Verdes in the Los Angeles basin recently went
: and instituted a tower ordinance - but if I remember correctly the mayor
: and a couple of council members are hams so it was rather ham-friendly.
: You might want to give them a call (try area code 310- information) and
: get a copy of the regulation.

{sig deleted}

Contact ARRL (info@arrl.org) and ask for their handy tower-restriction
kit. It's full of useful information about educating/battling
municipalities. And good luck.
.david.

David Mitchell
Adobe Systems Incorporated david.mitchell@adobe.com
Bainbridge Ometepe Sister Islands Association davidm@bosia.org
Amateur Radio AB7DM*YN5NPM davidm@ab7dm.ampr.org
For a great pound of coffee dial 1-800-400-CAFE

1512. Sked for the following st

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 22:45:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23229.7585.0NFB9162@woodybbs.com>
Source record: 252615

SD>I need the following states to finish my WAS I only need 9 more please
>help. If you can help me out please do? I would like to do it on a
>weekend.

SD>Missouri

If you don't mind CW, I'm (pretty much) at your disposal for a sked.
Name the time/date (a week or so in advance, please) and will see what
we can get going.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1513. IPS Daily Report - 03 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-03 23:27:34 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb3.232734.827@ips.oz.au>
Source record: 252617
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 03/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 03 FEBRUARY AND FORECAST FOR 04 FEBRUARY - 06 FEBRUARY

1A. SOLAR SUMMARY
Activity: moderate

Flares Max Fadeout Begin End Freq. Sectors
M4/2B 0151UT confirmed 0152UT 0205UT lower E. Asia/Aust.
Observed 10.7 cm flux/Equivalent Sunspot Number : 83/24

GOES satellite data for 02 Feb
Daily Proton Fluence >1 MeV: 2.5E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 6.9E+08 (high)
X-ray background: B2.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
04 Feb 05 Feb 06 Feb
Activity Low to moderate Low to moderate Low to moderate
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 04 Feb: 81/22

2A. MAGNETIC SUMMARY
Geomagnetic field: no data available for Learmonth.
Global conditions were generally unsettled to active.

Estimated Indices : A K Observed A Index 02 Feb
Learmonth -- ---- ----
Fredericksburg 20 22
Planetary 20 21

Observed Kp for 02 Feb: 3345 4433
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
04 Feb 15 Unsettled
05 Feb 15 Unsettled
06 Feb 40 Active to minor storm
COMMENT: Activity is expected to increase 6-8 Feb to active to minor
storm levels due to a coronal mass ejection and associated
re-orientation of solar magnetic fields.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
03 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
04 Feb normal normal fair
05 Feb normal normal fair
06 Feb poor poor poor

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
03 Feb 23 near predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
04 Feb 25 Near predicted monthly values
05 Feb 25 Near predicted monthly values
06 Feb -20 10 to 20% below predicted monthly values
COMMENT: Daytime Sporadic E layer was observed on 3 Feb and is
expected for 4 Feb. Townsville and Hobart frequencies were depressed
at times during the first half of the day. Degraded conditions are
expected in association with geomagnetic activity forecast for 6-8
Feb.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1514. Re: Who's "herbie baby"?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 00:05:46 UTC
From: k0hb@hamlink.mn.org
Message-ID: <791944537.AA00447@hamlink.hamlink.mn.org>
Source record: 252531

GG>Guys like Herbie and K1MAN are permenent fixtures of 20 meters.

Actually Herbie may not be so "permanent". The FCC has asked him
to show cause why his renewal application should be approved.

73, de Hans, K0HB

1515. Re: ICOM - W2A extended receive

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 00:21:45 UTC
From: explorer@phoenix.phoenix.net
Message-ID: <3gul3f$94q@gryphon.phoenix.net>
Source record: 252618

reynolds@mindspring.com (Bill Reynolds) wrote:
>A couple of years ago i had my unit set up for extended receive.
>
>I have reset the unit and forgotten the sequence. As I recall, you had to hold
>three buttons down while you turned the rig on.
>
>Anybody know the sequence?
>
>Thanks, Bill - W4IRZ

Hi Bill:

They made it real cryptic. To the best of my records, you hold the 'f' button on the side, the '3',
the 'B', the '#' and turn on the power, then you turn it off. Think you may need another set of
hands to make it happen.

Good Luck,
73...de KJ5AZ, Jeff Racz, Houston, Texas
explorer@phoenix.net

1516. Two-Line Orbital Element Set: Space Shuttle

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 00:36:20 UTC
From: tkelso@afit.af.mil
Message-ID: <tkelso.791858180@tiger>
Source record: 252619
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.info

The most current orbital elements from the NORAD two-line element sets are carried on the Celestial BBS, (334) 409-9280, and are updated daily (when possible). Documentation and tracking software are also available on this system. As a service to the satellite user community, the most current elements for the current shuttle mission are provided below. The Celestial BBS may be accessed 24 hours/day at 300, 1200, 2400, 4800, or 9600 bps using 8 data bits, 1 stop bit, no parity.

Element sets (also updated daily), shuttle elements, and some documentation and software are also available via anonymous ftp from archive.afit.af.mil (129.92.1.66) in the directory pub/space.

STS 63
1 23469U 95004A 95034.28348921 .00000387 00000-0 53246-5 0 17
2 23469 51.6614 109.1408 0026128 202.9294 156.9459 15.82619484 06
--
Dr TS Kelso Adjunct Professor of Space Operations
tkelso@afit.af.mil Air Force Institute of Technology

1517. 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 00:50:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A2D46A.00CB0023C3.uuout@camel.com>
Source record: 252620

I'll be travelling in France in September and would like to take my HT.
Two questions: Has anyone gone through French permit process lately?
Is it a hassle, expensive, etc.? Also, I've read somewhere that
European repeaters use a 1750 Hz tone burst. Is this common in France?
If so, it would probably be a hassle to use my Kenwood TH-22AT. Thanks,
Robert WD5AAT

1518. The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 01:03:31 UTC
From: jangus@skyld.grendel.com
Message-ID: <791859811snx@skyld.grendel.com>
Source record: 252621

In article <3gqv7s$5re@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu writes:

> Welp, here's another fine example of what lowering standards in the
> hobby has given us. This guy deserves to go to jail. We can't have
> idiots like this out on the bands. Maybe he could volunteer to be a
> poster boy for genetic engineering.

Rest of the rant deleted. Hey Mike, why do you have to carry on like
an asshole over in this group. You don't act like this in biz.sco.

You suffering from CB-itis? (Instant asshole, just add mmicrophone)

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1519. pulsar->2m?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 01:43:00 UTC
From: fred.mccay@totrbbs.radio.org
Message-ID: <21120.11.uupcb@totrbbs.radio.org>
Source record: 252622

Hi, all.

I just acquired a Motorola Pulsar (old mobile phone) synthesized
radio. Can these be modified/programmed to work on 2 meters, or
should I just cannibalize it for the PA? Please Email any suggestions
you might have on this...
Thanks & 73, Fred

Internet:fred.mccay@totrbbs.radio.org
Packet:KD4WOS @ N4NIA.#ATL.GA.USA.NA

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Snailmail: 4181 Wash Lee Ct.
Phone: +1 404 921 8687 Lilburn, GA 30247-7440

1520. Princeton, NJ: David Sarnoff Radio Club Meeting

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 02:01:04 UTC
From: Gerry_Jurrens@monet.prs.k12.nj.us
Message-ID: <320535.ensmtp@monet.prs.k12.nj.us>
Source record: 252623

David Sarnoff Radio Club

Meeting Announcement

Tuesday, February 21, 1995 at 7:30 PM
David Sarnoff Research Center (Library Entrance)
Off Washington Road and Route 1 at Fisher Place

Guest Speaker: Keith Sproul, WU2Z "APRS -- Automatic Packet Reporting System"
(Demo and talk about this exciting real-time packet tactical communications
and position
location and reporting system -- Keith has developed a marvelous Macintosh
version)

Talk-in on the Princeton Repeater, 147.46MHz in, 146.46MHz out

On-Your-Own Pre-Meeting Dinner Social
at Princeton MarketFair Food Court on Rt. 1 at Meadow Road
beginning at 6:00PM

********** ALL ARE WELCOME
****

Contact Gerry Jurrens (N2GJ@AMSAT.ORG) for further info....

--

----The opinions in this message are those of the individual,
not necessarily the Princeton Regional Schools-----

1521. Transistors in HF Amps

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 02:01:58 UTC
From: feliccia@unix3.netaxs.com
Message-ID: <3gun6m$9mt@netaxs.com>
Source record: 252624

Here is a Query:

What transistors/amplification schemes are used in the Ameritron and Yaesu, and Icom HF amplifiers. Has anyone actually opened these up and seen?

I think the Ameritron uses a FET scheme. Are the others Bipolars? if so, what do they use? NEC, Motorola, Phillips? Do they use a straight push pull or one transistor configuration, or do they split through 2 or more RF paths as many VHF amplifiers do.

Please reply to email.

Thanks,
Nick.

1522. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 02:34:09 UTC
From: dmlee@cris.com
Message-ID: <3gup31$jag@deathstar.cris.com>
Source record: 252625

In <markem.21.003241C0@primenet.com>, markem@primenet.com (Mark Monninger) writes:
>In article <3gqv7s$5re@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan)
writes:
>
>> ...
>>Steven P. Savoie, 26, of Snake Hill Road was charged with making threats
>>or false reports of bombs being placed, and was released pending District
>>Court hearing, state police said.
>> ...
>
>Well, a search of the database reveals no hams by that name. None of the
>entries with that last name are close enough to the age.
>
>Another example of the quality of news reporting and of Mr. Deignan's jumping
>to conclusions.
>
>Mark AA7TA

Maybe (as usual) the news media confused a CB'er with a HAM??

In any event -- I'd like to point out that after a 20-year lapse in my license,
I am again, this Tuesday, taking the test. Last time I had a General,
this time, just to get started (with my 14 year old son), I'm going for
Tech. We both will take the test for Advanced on April 4th, but for now
Tech gets us talking and enjoying radio together.
I don't think anyone should blame a class for the actions of an individual
or small group. The Tech license definately has its place. It WILL bring
more people into radio. I believe many WILL study code to be able to DX HF
and eventually upgrade.

73

// David M. Lee dmlee@cris.com
// or David_M._Lee@compuware.com
//
// Bill Gates for Ferringi Grand Nagus in 1996!!
// Rule of acquisition #874 -- "Make 'em pay for the software --
// AND the bug fix"

1523. ARLP006 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 02:57:59 UTC
From: w1aw@arrl.org
Message-ID: <$arlp006.1995@ampr.org>
Source record: 252626
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP006
ARLP006 Propagation de KT7H

ZCZC AP74
QST de W1AW
Propagation Forecast Bulletin 6 ARLP006
From Tad Cook, KT7H
Seattle, WA February 3, 1995
To all radio amateurs

SB PROP ARL ARLP006
ARLP006 Propagation de KT7H

Average solar flux was down a bit last week. The quiet geomagnetic conditions ended after January 28 when the A index rose above 20 for several days. The K index was up to five over several periods on January 30 and 31.

Solar flux should drop to the mid 70s around February 12, and then peak again around 92 from February 18 through 21. Recurring coronal holes should cause disturbances around February 13 and 14 and again around February 26 and 27. Look for really good stable conditions with low A and K indices around February 8 through 11.

Sunspot Numbers for January 26 through February 1 were 54, 36, 51, 25, 43, 55 and 66, with a mean of 47.1. 10.7 cm flux was 85.7, 88.5, 82.7, 84.6, 86.5, 86.7 and 87.1, with a mean of 86.

The path projection for this week is from Dallas, Texas to Christmas Island, VK9X.

80 meters should be open from 1130 to 1330z, and 40 meters from 1100 to 1430. Check 30 meters around 1000 to 1100 and again from 1400 to 1530. Check 20 meters from 1530 to 1800, and 17 meters around 1630 and again around 2300 to 2330.
NNNN
/EX

1524. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 03:42:53 UTC
From: jsmith@iastate.edu
Message-ID: <3gut3t$raf@news.iastate.edu>
Source record: 252898
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

I'm fairly new here, but was wondering what impact use of these communication systems for data transmission would have on the desiarability of a particular technology.

I figure prepared people like us would want to use computers for a number of purposes and which data technologies would be most useful for the "Survivor-Net".

Jason

--
Jason Smith

1525. Tesla Coil Info?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 03:43:49 UTC
From: kbarton@cwis.unomaha.edu
Message-ID: <3gut5l$jqp@s-cwis.unomaha.edu>
Source record: 252627

This may not be the most appropriate group, but I believe it is
the best informed group for this request. I need technical info on succes-
sful designs. Specific designs for largish TC's (> than 200kV) would
be best, but good complete theoretical treatment would be helpful as well.
I have worked as a technician and research assistant for 14 years
so you don't need to be gentle. I've built hundreds of circuits, but a
Tesla coil ain't one of them.
I find nothing thru our Archie, but previously saw some ftp list
with Tesla info, though I don't have it.

TNX

--

```
_____________________________________________________________________________
| Free advice is worth what you pay for it. |
| (Keeping it short for your viewing enjoyment) Kevin N0MHK |
|___________________________________________________________________________|
```

1526. Re: AMSOFT (&other) advertising on 'net

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 03:47:46 UTC
From: bob@texas.net
Message-ID: <3gutd2$4li@empire.texas.net>
Source record: 252528
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <3gtvp4$r2i@hpbab.wv>, hanko@wv.mentorg.com (Hank Oredson) says:

>If you wish a newsgroup without advertising, then you should take
>those actions which will lead to such a newsgroup: a call for
>moderation of the group, or a call for a new (moderated) group.
>Within usenet, this is the only mechanism available to control
>content - other than peer pressure ... and you will lose this one.

No, there's also Cancelmoose[tm] and the advent of other cancelbot style-solutions to the spammers on the net. I agree that peer pressure is not likely to work--as long as a company has the potential to make so much as one sale, he's going to post ads to the net if he has no respect for the desires of the group's readers. I saw a post that suggested creating a group like rec.radio.amateur.ads to have a place where those who desire to read ads can go. But the advertisers wish to invite themselves into our living rooms and shacks, rather than place their ads on our doorstep.

Again, I refer those who feel imposed upon by spam ads to check out alt.current-events.net-abuse for some very enlightening reading, starting with the FAQs there.

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

1527. Question about Radio Shack HT battery packs

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 05:53:13 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Feb4.055313.16502@VFL.Paramax.COM>
Source record: 252529
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

A couple questions about Radio Shack HT battery packs...

1. Are replacement ni-cad battery packs available for the RS HTs ? Cost?

2. Is a replacement alkaline battery pack available? Cost?

3. Will battery packs from other HT's fit it? I heard rumors that
some ICOM pack fit. Is this true?

4. Do both HTs (2 meter and 440) use the same battery pack?

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

1528. AMSOFT, etc ad nauseum

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 06:25:11 UTC
From: Jrouse@ix.netcom.com
Message-ID: <3gv6k7$nt7@ixnews3.ix.netcom.com>
Source record: 252530

OK, there is emphaticaaly a diversity of opinion here on the rights and wrongs of AMSOFT and others using this news group to hawk their wares. True, the old entreprenurial spirit would seem to advocate AMSOFT doing its thing to convince us all to buy the CD-ROM it heralds as the best thing since 572Bs, BUT they do so with a heavy hand. For instance, the rather disingenuous heralding of a "newsletter" which turns out to be little more than a full-page ad for the disk is, to put it mildly, less than candid. I, for one, don't like that. But, then again, I make my living through advertising. However, there are standards, and AMSOFT's heavy-handedness is less than one would desire, or at least less than I would desire. In a word, it's sneaky. Just as are those weekly postings of a "free newsletter."
But, as many have said, it's related to ham radio and thus is within the realm of fair play. Yes, the blurbs would make it to DX clusters and no doubt would receive the benediction of the usually pompous node gurus. BUT, many here still find the frenzied ad campaign (and that's what it is) offensive....So, take it elsewhere.
rec.radio.amateur.commercial seems about right. Why annoy anyone on the group? AND,the responses (like mine) become tedious after a (short) while.....A truism: a potential customer irked is a customer lost...
Why do that? Buckmaster doesn't.....
73, etc
John KA3DBN

John L. Rouse Packet: KA3DBN @ KA3RFE.md.usa.noa
Capital-Gazette Communications FAX: (301) 464-7027
jrouse@ix.netcom.com VM: (301) 262-3700
jrouse@dc.infi.net (410) 268-5000

1529. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 09:17:01 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb4.091701.3266@ke4zv.atl.ga.us>
Source record: 252532

In article <3gtrb8$qes@superb.csc.ti.com> w5kne@mcimail.com writes:
>
>In article <791768267snz@waltd.demon.co.uk>, <walt@waltd.demon.co.uk> writes:
>>
>> I feel a much more progressive approach would be to take the first steps
>> towards eliminating QSL cards altogether! The cost of materials, printing
>> and postages are becoming increasingly prohibitive .... and in this day
>> and age of digital/electronic communication, the physical QSL "card" is
>> surely obsolescent?
>------------ Comments ---------
>I disagree with Walt. I believe that QSL cards or some other type
>of manual confirmation will be with us for a long time, possibly
>forever. Computerized QSO checking will not work 100% of the time.
>
>No matter how careful an operator is, there is always the
>possibiltiy of error in logging or understanding a call sign, hence
>a computerized system won't work for all cases. There is always
>some percentage of QSOs in expedition and contest logs that are
>logged or heard incorrectly.

So? I thought an exchange wasn't valid unless it was received and
logged correctly. Computerization would ensure that errors are not
made in confirming entries in the log. Computerized entries would
also eliminate lost cards and cards misrouted via postal authorities
or bureau workers. Computerization should lead to fewer errors,
and fewer "doubtful" QSLs.

>It is a goal to consider, but quite frankly I'd rather collect
>QSL cards over computer printouts or diskettes anyday....

Well, that's the real reason isn't it. The game is about collecting
postal cards. Get rid of the cards and there's no point to the
game. (Note, this isn't a condemnation. Some people collect coins,
others collect stamps, Dxers collect colorful postal cards.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1530. Re: QSL info on WWW: IK4LZH notes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 10:32:14 UTC
From: bshirley@computek.net
Message-ID: <bshirley.12.003259C8@computek.net>
Source record: 252541

In article <3gq406$nh7@sirio.cineca.it> Gianluca Mazzini
gmazzini@deis.unibo.it> writes:

>After a week of service the server

>http://promet12.cineca.it/htlzh/qsl.html

>that I will organize seems to work very well

>Enjoy yourself using the QSL info.
>73 de IK4LZH Gianluca

Works very well indeed !!

I have tried this WWW page using both Mosaic and Netscape and
was very impressed. A very nice search capability for information
that is frequently sought by new and old DXers alike.

Congatulations Gianluca for a good idea and excellent implementation !

73 es gud dx de kf5dx Bob

1531. GB2RS News 5th February 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 11:33:45 UTC
From: dave@llondel.demon.co.uk
Message-ID: <791922825snx@llondel.demon.co.uk>
Source record: 252533
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 5th of February and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

And we start this week with a report from the RSGB DX News Sheet. In last weekend's CW Worldwide 160m CW Contest no less than 83 countries were worked from the UK, including Alaska and West Malaysia. In addition, UK stations had contacts with 43 US states and Canadian provinces.

The 1988 RSGB President, Sir Richard Davies, G2XM, died last weekend. He was President during the Society's 75th Anniversary year and was active on the air until recently. A full obituary will be published in the March edition of Radio Communication.

The RSGB, which carries out Morse testing on behalf of the Radiocommunications Agency, has vacancies for Morse Examiners in the following counties: Bedfordshire, Cumbria, Greater London (South), Greater Manchester, Gwynedd, Lincolnshire and Surrey. RA requirements are that prospective examiners demonstrate their ability to receive at 20 WPM and send a typical test passage on a manual key. In addition, the Society is looking for people with the personality to deal with candidates in a professional manner, and the ability to work as part of a county team. Applicants should contact the Chief Morse Examiner, Roy Clayton, G4SSH, at 9 Green Island, Irton, Scarborough, North Yorkshire YO12 4RN, telephone number 01723 862924. Interviews will be arranged at radio rallies throughout the UK, starting with the RSGB London Amateur Radio and Computer Show.

A new GB2CW RSGB Morse Practice transmission is available each week in the Huntingdon area from next Tuesday, the 7th, at 7pm on 145.225MHz FM. The operator will be G4LHI of Huntingdon. A full list of the GB2CW Transmissions is published in the 1995 edition of the RSGB Call Book.

Latvia has signed the CEPT T/R 61-01 agreement which means that UK amateurs may operate temporarily in Latvia simply by using the prefix 'LY stroke' before their own callsign. This removes the need for formal reciprocal licensing, except for long term operation. Suitably qualified Latvian amateurs may operate in the UK on a similar basis.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Nauru (C2), W9GW will be active until the 12th of February, mainly on CW on 80 to 10 metres.

From Comoros (D6) DK7UY was due to be active from now until the 24th of February, on 80 to 10 metres using CW, RTTY and SSB, but mainly CW. He will not QSL direct, only via the Bureau. The callsign is not known.

Next the Rally News:

Today, Sunday the 5th of February, the South Essex Amateur Radio Society Radio Rally, is at The Paddocks, Long Road, Canvey Island, Essex, at the end of the A130. The rally features trade stands, a bring and buy stall, and refreshments. Disabled car parking is located near the main doors. Doors open at 10.30am and talk-in is available on 2 metres, channel S22.

We know of two rallies for next Sunday, the 12th:

The Cambridge and District Amateur Radio Club Rally takes place at the Addenbrookes Ambulance Station, Cambridge. Doors open at 10 am. The event features trade stands, a car boot sale and a bring and buy stall. Refreshments will be available. Further details can be obtained from John, G0GKP, on 01954 200072.

And the Northern Cross Rally will be at Rodillian School on the A61 between Leeds and Wakefield, near the junction of the M1 and the M62. The event includes dealers, a bring and buy stall and refreshments. Doors open at 11 am, or 10.30 for disabled visitors and for the bring and buy. RSGB Morse Tests will be available on demand. Talk-in will be on 2m and 70cm. Details can be obtained by calling Dave Gray, on 0113 282 7883.

Three dates to note for later this month are:

Saturday, the 18th, when RSGB Headquarters at Potters Bar will be open to visitors. This is not a formal open day so there will be no guided tours, but the shack, museum, library and bookshop will be available between 10 am and 4 pm.

On Sunday, the 19th, the 1994 RSGB VHF Convention will be held at Sandown Race Course, Esher, Surrey. Full details of the event, including the lecture programme, are published on page 24 of the February edition of RadCom, or can be obtained by calling RSGB HQ on 01707 659015.

And on Sunday, the 25th, the Tyneside Amateur Radio Society Rally takes place in South Shields. In addition to the usual traders and a bring a buy stall, there will be an RSGB stand. GB2RS will be bringing you more about this event, or you can call Jack, G0DZG, on 0191 265 1718 for details.

And a date for your diary:

The RSGB National Mobile Rally is being held as usual at Woburn Abbey in Bedfordshire. The date is Sunday the 6th of August and details can be obtained from Norman Miller, G3MVV, on 01277 225563.

Now for the HF contest news:

The last event in the RSGB LF CW Cumulative Contest takes place today, Sunday the 5th, on the 3,5MHz band from 1600 to 1800 UTC. December's RadCom, page 78, gives detailed information.

Next weekend, there is the 1st RSGB 1.8MHz Contest which runs from 2100 UTC on the 11th to 0100 UTC on the 12th. The full rules are in the October 1994 RadCom.

Next some VHF contest news:

Today, Sunday the 5th, there is the RSGB 432MHz Fixed, Affiliated Societies and SWL Contest which takes place between 0900 and 1500 UTC.

Next Sunday, the 12th, sees another event in the 70MHz Cumulative Contest which takes place between 1000 and 1200 UTC. The rules for both of these events can be found in the January RadCom.

The RSGB VHF Contests Committee has received several requests for the inclusion of a 6 metre section in VHF National field Day. The committee is willing to consider this if there is sufficient support from the membership, but only as an alternative to 4 metres, not as an addition. Changes could be made in time for the 1995 event if RSGB members express their views in writing before the end of February. Write to the Chairman, David Johnson, G4DHF, whose address is correct in the RSGB Call Book. Members opinions will also be sought at the RSGB VHF Convention.

GB500AU, celebrates the 500th anniversary of the founding of Aberdeen University in 1495. It will be operational from next Friday, the 10th, to Thursday, the 16th on 80, 40, 20 and 15 metres SSB, SSTV and CW, and on two metres FM and SSB. Further details can be obtained before the event from GM4CAU on 01224 272538 between 9 and 10 am.

And now the solar factual data:

The period from the 23rd to the 29th of January saw solar activity at low levels with flares taking place on most days. Geomagnetic activity was very quiet but increased to active levels on the 29th. The sunspot indices declined throughout the period from 87 on the 24th to 25 on the 29th. The sunspot mean for the period was 56. Solar flux levels also declined from 97 units on the 24th to 83 units by the 28th with the average at 89 units. C class flares occurred from the 23rd to the 27th with the largest being a C7/1N on the 24th. The electron fluence varied little day to day and was at a moderate level throughout. The x-ray flux level remained at a reasonable level due to all the small flare activity and averaged B1.1 units. The 90 day solar flux average on the 29th was 82 units.

Geomagnetic activity was very quiet from the 23rd to the 28th with an Ap index of only 3 units on the 26th and the 27th. On the 29th, activity increased to active levels with an Ap index of 19 units. The average for the period was Ap 6 units. The state had been 'nil, nothing to report' until the 28th, then 'magalert' from the 29th due to a recurring coronal hole. The aa indices, as reported by the British Geological Survey for

the period from the 17th to the 23rd of January, averaged 38.1 nanoTeslas, about K3. Conditions started the period at 'sub storm' levels with the late evening period on the 17th up to 115 nanoTeslas, which is K5; the daily figure for the 17th was 55.9 nanoTeslas. Conditions declined from the 18th and were back to quiet levels for the rest of the period. The quietest day was the 19th at 8.9 nanoTeslas. Bartells rotation number 2206 starts on the 8th of February.

I'll repeat the figures: Spots - 56; Flux - 89; Ap index - 6; x-ray flux - B1.1.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 20th to the 26th of January, averaged 6.7MHz. The best day was the 20th when the figure reached 7.4MHz. The darkness hour lows averaged 2.1MHz. The daytime highs are taking place between 12.00 and 14.00 hours with the darkness hour lows between 5.00 and 06.00 hours. Stratwarm alerts have been in existence for most of the period. On the 22nd the whole stratosphere temperature gradient was reversed between 60 degrees north and the pole.

I'll repeat the figures: Highs - 6.7MHz; Lows - 2.1MHz.

And lastly the solar forecast.

This week the quiet side of the sun is expected to be looking our way. Solar activity should be very low with solar flux levels expected to be in the mid 70s. Geomagnetic activity should be mostly quiet to unsettled levels. Ionospheric MUFs for the south are expected to be at about 21MHz, and for the north 18MHz. Darkness hour lows are expected to be at about 8MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Romeo and G7 Uniform Golf series, and Novice calls in the 2 0 Alpha Juliet and 2 1 Delta Romeo series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

1532. Re: I am looking for STUDS!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 12:52:56 UTC
From: nstacey@crl.com
Message-ID: <3gvtb8$8as@crl2.crl.com>
Source record: 252534

Rick Howard (Rick.Howard@f1.n328.z1.fidonet.org) wrote:
: From: hyprtrcs@CERF.NET (Rick Howard)
: Date: 27 Jan 1995 00:40:25 -0800
: Message-Id: <3gabhp$nc4@nic.cerf.net>

: I am looking for 4mm metric studs for my Kenwood TS-50S and AT-50.
: I use these mobile, exclusively, and am slowly wearing out the
: ground-screw threads on the back of the chassis. I live in Glendora,
: CA and have searched Southern California hardware stores unsuccessfully.

: A stud is a double-ended bolt. It is not simply a length of threaded
: rod in that it has an unthreaded center portion of greater diameter.

: They look like this (roughly):

: ///////|||//////

: Hey, that doesn't look too bad...

: My plan is to thread them into the back of the rigs and leave them there.
: No more wear and tear on the female threads. Then, I can slip my ground
: straps

: Can someone supply the name and phone number of a hardware that carries
: these?

As a mechanic for a number of years I have often had to manufacture my
own parts from time to time. If you can't find the size that you need
by going to a parts store then I would suggest that you take the
"threaded rod" and install your own jacket around the middle as you have
indicated. It's better to simple take a smooth rod and use tap and dye
set to make your own threads. That way you can be sure that what you get
is what you want.

I hope that this helps! Good luck,

nstacey@crl.com
N6ZVZ in Marvelous Marin County,
California

1533. Re: Local NTS person?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 12:58:56 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3gvtmg$pvf@acme.freenet.columbus.oh.us>
Source record: 252535

Kevin L. Anderson (kla@helios.augustana.edu) wrote:
: Excuse me for asking, but is there an easy way to
: find out who your local NTS person(s) may be?
: Any kind of "directory" maintained, say with the
: Traffic Manager for a section, to find out?

: Do NTS people get bothered by any type of traffic,
: say something they might deem to be "trivia" and
: therefore a waste of their time?

: Thanks. I'm trying to understand "todays" NTS.

: 73. Kevin, KB9IUA
: gganderson@augustana.edu
: Augustana College, Rock Island, IL
Try the ARRL Section Communications Manager. Yours is Buce Boston KD9LR
815 E 3rd St. Beardstown IL 62618 217-323-9809, from an early page in
a recent QST. Nothing could be too trivial for the NTS.
GL and 73 Gerry K8EF@W8CQK.OH.USA.NA

1534. Re: Dental Fillings and Radio Frequency Signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 13:24:53 UTC
From: dgbart@primenet.com
Message-ID: <3gvv75$9at@news.primenet.com>
Source record: 252536

In article <01FEB95.18236531.0056@SEMOVM.SEMO.EDU>, GT83STU@SEMOVM.SEMO.EDU said...
>
>Would appreciate any information anyone has about persons receiving
>R.F. signals on dental fillings or appliances. References to
>published materials especially appreciated as are personal ancedotes.
>Thanks in advance for any information. GT83STU@SEMOVM.SEMO.EDU
>

It's real. I attended a Field Day setup a few years ago, staged by the Westside Amateur Radio Club in Los Angeles. They had one of their stations inside a trailer, and the radio had an automatic antenna tuner. Well, SOMEBODY didn't ground the thing right. I was inside the shack about 5' from the radio when the op said, "Well, 15 meters is dead; let's tune it up on 20." He changed bands and hit the deadly little "Automatic Tune" button. The radio began buzzing as the tuner went to work. Also, I let out a scream as one of my teeth with a nice filling in it suddenly felt like a dentist was drilling in it with NO anesthetic! I RAN from that trailer uttering obscenities and the pain vanished as soon as I got clear of the thing. Needless to say I didn't hang around that particular shack much during the rest of the contest.

-Dave WB6WKB

1535. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 13:49:26 UTC
From: drt@world.std.com
Message-ID: <D3HAEE.HMt@world.std.com>
Source record: 252537

Michael P. Deignan (md@maxcy2.pstc.brown.edu) wrote:
: In article <D3FFtH.Avq@world.std.com>,
: drt@world.std.com (David R Tucker) writes:

: |> Sheesh! This is known in the trade as a "gimme". It's just not
: |> possible that this fellow's problem was that he merely memorized all
: |> the questions. Unless his license was fraudulently issued, this
: |> fellow *must have read that question* sometime or other and then
: |> ignored a warning which ordinary reasonable people don't need in the
: |> first place. (How many people right off the street do you suppose
: |> would get this one wrong?)

: Well, if its like any of the no-clues I've heard on the radio, they
: seem to forget what they've memorized once the license arrives.

You missed the point. We're not talking RTTY bandwidths here, or even
repeater operating procedure. He knew the answer before he looked at
the question pool. He saw the answer when he read the question. He
knew the answer after his license arrived. His problem is not
ignorance but willfulness, a trait distributed across license classes,
and no examination system could have weeded him out.

-drt

|David R. Tucker KG2S drt@world.std.com|

1536. Re: T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 14:50:08 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3h0470$h8d@cat.cis.Brown.EDU>
Source record: 252539

In article <9502040400098734@pcappbbs.com>,
Dale Piedfort <dale.piedfort@pcappbbs.com> wrote:

>I my opinion the second best repeater amp on the market at the present
>time..
>If you are considering replacing with a T.E. you can do it with
>confidence.

Yes, as long as you get everything you asked for when they first ship
your order.

I purchased a 4410R from TE systems 18 months ago. It was supposed to
come with a technical manual & schematic. 18 months, 6 phone calls, and
2 letters later, I still don't have either one. Everytime I call I
get the standard "we'll send it right out" and they never do.

Their product might be okay, but their service is shit.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1537. Repeater Directory online/CD-ROM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 16:34:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9502041049145232@ectech.com>
Source record: 252540

JIM>>The reason that I ask, is the abundance of repeaters on all bands in SoCal. It would be nice to be able to sort by band and frequency for reference.

I'm right down the road from you, Jim, in Mira Loma!

ATTENTION to Details BBS is working on just such an animal. Log on at 909-681-6221. Free access, of course!

1538. Packet TNC

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 17:13:24 UTC
From: jgolubov@public.srce.hr
Message-ID: <3h0cjk$3s7@nippur.irb.hr>
Source record: 252542

AL> The TNC is a modem. You will need one to demodulate the signals
AL> heard on the radio. Multi-mode TNCs are used to demodulate the
AL> rtty, sitor, fax and other digital modes found on the short wave
AL> bands. Many short wave listeners and scanner enthusiasts use TNCs
AL> to listen in on all kinds of digital traffic. There are some
AL> software emulations but they do not offer the versitility of a
AL> good hardware TNC.

In fact, TNC is more than just simple modem. It is far more complicated
than regular telephone line modem. This is complex AX.25 controler which
handles several levels of AX.25 protocol.

Those multi-modes are complex communication controlers. Some of them can
even handle WEAFAX images transmitted over METEOSAT, decode CW, even handle more
complex protocols than AX.25. Usually usevul and expensive devices.

Maestro.

1539. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 17:13:56 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3h0ckk$i74@crcnis3.unl.edu>
Source record: 252543

Gary P. Fiber (gfiber@halcyon.com) wrote:
: As for fire, the fuse does not do much good at the radio end. A good
: installiation will have a big fuse right at the battery in the event the
: positive radio lead gets groinded.
^^^^^^^^

This is a very informative discussion, and I don't want to side track
it with humor, but the above sounds like it could be awfully painful!
Think I'll quit laying my microphone in my lap while driving...

Greg

1540. Re: Need help with Micor (440) transmit section...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 17:44:03 UTC
From: AMCWHORTER <almcw@delphi.com>
Message-ID: <h87arKT.almcw@delphi.com>
Source record: 252544

Ken Edwards <cnc23a@b4pph13e.bnr.ca> writes:

>I have a pair of UHF Micors that we are going to put into service for
>a club UHF repeater. The problem is that L302-L307 and L402-L407 are
>not in either rig. I an wanting to run then in the T=R mode and wish
>to know how to tune the transmitter. The service manual seemed to
>indicate that the exciter filters (the L302-307, 402-407 inductor set)
>was the key.

The way this radio functions is that the rx local oscillator (f-11.7) is mixed
o produce the tx carrier freq. There were
several versions of this unit. According to the manual a "Standard" model had

an 11.7 offset for simplex operation. The "wide-spaced" model had dual offset
osc's at 11.7 & 16.7 for simplex or 5meg repeater split. I have also seen

several units which had only a 16.7 offset in a standard chassis. I suspect
that is what you have. In any case, all you need to do is to replace the 16.7
crystal with an 11.7 and change the corresponding warp coil. The bad news is

that the crystal needed is no longer available from motorola. I have sent a
sample one to sentry crystal and they are going to try to reproduce it for me.
The warp coil needed is still a cureFzvPnt item and costs under $2. Let me

know if you recieve this ok as I am having one heck of a time with line noise to
today.

Al McWhorter
Strand Communications
Myrtle Beach, SC

KD4TMW
ALMCW@Delphi.com or 72335,725@Compuserve.com

1541. Affiliate List for HR&M

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 17:58:08 UTC
From: lenwink@indirect.com
Message-ID: <D3HLww.6vq@indirect.com>
Source record: 252545

NEW AS OF 2-4-95:
Ham Radio & More Station List:
The following list can change often....

Arizona: KFNN, 1510am, Phoenix
Conneticut: WATR, 1320am, Hartford
Florida: WFFG, 1300am, Miami, Florida Keys
Illinois: WKTA, 1330am, Chicago
WBGZ, 1570am, Alton
Indiana: WPDJ, 1300am, Huntington/Ft. Wayne
Kentucky: WMTA, 1380am, Central City
Massach: BOSTON CABLE CHANNEL 38B, BOSTON
WKPE, 1170am, Orleans
WNBH, 1340am, New Bedord, Providence
Michigan: WMKT, 1270am, Traverse City, Cadillac
Missouri: WBGZ, 1570am, St. Louis
KSLQ, 1350am, Washington
N. Carolina:WEEB, 990am, Fayetteville
WCRY, 1460am, Raleigh/Durham
WGAI, 560am, Norfolk, Portsmith
WSKY, 1230am, Greenville, Spartanburg
Nebraska: KICS, 1550am, Hastings/Lincoln
Oklahoma: KTMC, 1400am, Tulsa, Mcalester
Oregon: KBNP, 1410am, Portland
Penn: WJMW, 550am, Scranton, Wilkes Barre
Tenn: WRWB, 740am, Knoxville
Utah: K26DI,Channel 26, TV, Castledale
KYKK, 630am, Salt Lake City
Vermont: WSYB, 1380am, Rutland

Ham Radio & More is on the Talk America Network. It is aired live every Sunday at 6:00pm EST, originating from Phoenix, Arizona. It can be heard via TVRO satellite on Spacenet 3, Transponder 9, 6.8 audio. Our toll free listener call-in line is 1-800-298-TALK. The originating station number is 1-602-241-1510 for more information. Any radio station can air the show FREE OF CHARGE.

Also, be sure to check out our WWW Home Page. It has information on upcoming shows, reviews of past shows, and even theme music. It is updated courtesy of the Boston Amateur Radio Club.
Access it at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

73, Len, KB7LPW

1542. MONDAY: MIR AND SHUTTLE VIEWING WILL BE PERFECT IN SF!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 18:43:48 UTC
From: manfred@sunspot.ssl.berkeley.edu
Message-ID: <3h0ht4$lle@agate.berkeley.edu>
Source record: 252546
Cross-posted to: sci.space.shuttle,rec.radio.amateur.space,rec.radio.amateur.misc

As you know, Discovery is on its way for the rendezvous with Mir. If the sky in the San Francisco Bay Area is clear on early Monday morning, we'll have the perfect viewing opportunity to watch Mir and Discovery fly in formation.

IT CANNOT POSSIBLY GET ANY BETTER THAT THIS!

One can expect to see both spacecraft as bright as Jupiter, if not Venus. The Sun will be right at the nautical twilight limit and will illuminate both spacecraft on the side that we'll be looking at. Mir and Discovery will appear in the north-west (309 degrees) and will be passing exactly overhead. Mir will be leading, and Discovery will follow shortly behind. Below are the circumstances for this pass. Let's hope there is no fog or clouds on Monday morning at 6:35 PST!

Enjoy,
Manfred

DL5KR SatTrack V3.1 Orbit Prediction

Satellite #16609 : Mir
Data File : tlex.dat
Element Set Number: 913 (Orbit 51198)
Element Set Epoch : 03Feb95 01:30:41.458 UTC (1.7 days ago)
Orbit Geometry : 391.03 km x 392.58 km at 51.647 deg
Propagation Model : SGP4
Ground Station : Berkeley (SSL), CA, USA --- CM87VV
Time Zone : PST (-8.00 h)

Mon 06Feb95 --- Orbit 51254

PST	Azimuth [deg]	Elev [deg]	Range [km]	Height [km]	Sun Ang [deg]	Sun Ele [deg]	V
06:36:00	309.3	0.3	2269.7	374.4	25.9	-7.0	N
06:36:15	309.4	1.2	2165.6	374.6	25.6	-7.0	N
06:36:30	309.4	2.2	2061.5	374.7	25.4	-6.9	N
06:36:45	309.5	3.2	1957.4	374.9	25.2	-6.9	N
06:37:00	309.5	4.3	1853.5	375.1	25.0	-6.8	N
06:37:15	309.6	5.5	1749.7	375.3	24.9	-6.8	N
06:37:30	309.6	6.8	1646.1	375.5	24.9	-6.7	V
06:37:45	309.7	8.2	1542.8	375.7	24.9	-6.7	V
06:38:00	309.7	9.8	1439.9	375.9	25.0	-6.6	V
06:38:15	309.8	11.5	1337.5	376.1	25.2	-6.6	V
06:38:30	309.8	13.4	1235.8	376.4	25.6	-6.5	V
06:38:45	309.9	15.6	1134.9	376.6	26.2	-6.5	V *
06:39:00	310.0	18.1	1035.2	376.8	27.1	-6.4	V *

```
06:39:15 310.0 21.1 937.0 377.1 28.4 -6.4 V *
06:39:30 310.1 24.6 841.0 377.3 30.3 -6.3 V *
06:39:45 310.1 28.9 748.0 377.6 32.8 -6.3 V *
06:40:00 310.2 34.3 659.2 377.8 36.5 -6.2 V *
06:40:15 310.3 41.2 576.7 378.1 41.6 -6.2 V *
06:40:30 310.4 50.0 503.7 378.3 48.8 -6.1 V *
06:40:45 310.6 61.4 444.8 378.6 58.5 -6.1 V *
06:41:00 311.2 75.4 406.2 378.9 70.9 -6.0 V *
06:41:15 117.1 88.8 394.0 379.2 85.2 -6.0 D
06:41:30 129.3 73.2 410.5 379.4 99.4 -5.9 D
06:41:45 129.8 59.6 452.6 379.7 111.7 -5.9 D
06:42:00 130.0 48.6 514.0 380.0 121.4 -5.8 D
06:42:15 130.1 40.1 588.7 380.3 128.7 -5.8 D
06:42:30 130.2 33.5 672.4 380.6 134.2 -5.8 D
06:42:45 130.3 28.3 761.9 380.9 138.4 -5.7 D
06:43:00 130.3 24.1 855.5 381.2 141.6 -5.7 D
06:43:15 130.4 20.7 951.9 381.4 144.1 -5.6 D
06:43:30 130.4 17.8 1050.4 381.7 146.1 -5.6 D
06:43:45 130.5 15.3 1150.4 382.0 147.7 -5.5 D
06:44:00 130.5 13.2 1251.4 382.3 149.0 -5.5 D
06:44:15 130.6 11.3 1353.4 382.6 150.1 -5.4 D
06:44:30 130.6 9.6 1455.9 382.9 151.0 -5.4 D
06:44:45 130.7 8.1 1558.9 383.2 151.7 -5.3 D
06:45:00 130.7 6.7 1662.4 383.5 152.4 -5.3 D
06:45:15 130.7 5.4 1766.1 383.8 152.9 -5.2 D
06:45:30 130.8 4.2 1870.0 384.1 153.4 -5.2 D
06:45:45 130.8 3.1 1974.0 384.4 153.8 -5.1 D
06:46:00 130.9 2.1 2078.2 384.6 154.1 -5.1 D
06:46:15 130.9 1.1 2182.4 384.9 154.3 -5.0 D

-----
```

1543. Re: TS 940 serial number question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 20:10:37 UTC
From: wcoyle@delphi.com
Message-ID: <xk06zWd.wcoyle@delphi.com>
Source record: 252547

My 940 is a 9 mil series and I've had ver few problems with it. One of the biggest was with the internal antenna transmatch. It only took a little TV tuner cleaner to straighten out the realys and I was back in business (but boy, was I scratchin'my head for a week). If the price is right, I would say go for it, but it won't command as high a price as a 7 mil or higher series unit.

73
Bill
N3OGH

1544. new ticket...want dual band

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 20:55:59 UTC
From: RedFive@ix.netcom.com
Message-ID: <3h0pkv$4f3@ixnews2.ix.netcom.com>
Source record: 252548

Hey,
I got my ticket in the mail about a month ago, but haven't been on the air yet...I've been looking for a nice dual band mobile to get me started out in this great hobby. I'm on a very limited budget, since I'm a student, but want something newer and easy to use...I guess like a plug and play deal. I just don't really know what I should be looking for...BTW, I'm a tech. If anyone has any suggestions for anything under $300 (yah, I know, dream on :P) I would be more than interested in hearing what you have to say about it.

Thanks in advance,
Eric
ke6oyt

1545. Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 21:04:06 UTC
From: cdrom.info@infoplus.uu.holonet.net
Message-ID: <9502041736244493@infoplus.uu.holonet.net>
Source record: 252549

```
Ham Radio CDROM with Windows based Callsign Database
----------------------------------------------------

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For more information send your full postal address via email
to cdrom.info@infoplus.uu.holonet.net

Subject should read HAM CDROM
```

1546. 2 or 6 meter ms skeds wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 21:05:05 UTC
From: YPAK35A@prodigy.com
Message-ID: <3h0q61$18do@usenetw1.news.prodigy.com>
Source record: 252550

I am looking for stations to run 2 and/or 6 meter ms skeds with this month (Feb). I am in grid EM51JQ located in S. Ms. E-mail reply asap because one of the showers that is left this month is 2/7 ! Newcommers to scatter welcome ! 73, WB5KYK, Larry

1547. Re: FCC electronic filing rules! Takes 10 days!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 21:34:51 UTC
From: Tony_Pelliccio@brown.edu
Message-ID: <Tony_Pelliccio-040295163653@cis-ts3-slip11.cis.brown.edu>
Source record: 252551

In article <bc6_9501302157@trisoft.com>,
Walter.R.Francis@f1.n328.z1.fidonet.org (Walter R Francis) wrote:

> From: WALLY@ukcc.uky.edu (Walter R Francis)
> Date: Thu, 26 Jan 95 15:24:54 EST
> Message-Id: <17332D8CBS86.WALLY@ukcc.uky.edu>
>
> My VEs told me this is how they do it: They mail the 610's to W5YI, and
> then W5YI's group electronically (on disk) gives the FCC the applications.
> Then apparently the FCC just takes the disk and lets the computer chew
> on it and it's ready to process when it gets to those applications.
>
> They don't mail the FCC directly or anything... So to break it down:
>
> ~2 days mailing to W5YI, day of processing there, ~2 days for the mail
> to the FCC, and then that leaves 5 days for the FCC to do their stuff.
>
> Also, it turned out to be 7 working days...
>
> So anyway, is it bogus? Not as far as I know.. :)

I had heard that the ARRL VEC was about to give software to all it's VE
teams with laptops/portable machines so they could just transmit the info
to ARRL HQ, then it would be transmitted from there to the FCC. Total time
would be one week before a license is granted.

--
== Tony Pelliccio, KD1NR, VE ARRL/W5YI Tel. (401) 863-1880
== Box 1908, Providence, RI 02912 Fax. (401) 863-2269

1548. IPS Daily Report - 04 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 23:30:40 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb4.233040.15115@ips.oz.au>
Source record: 252552
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 04/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 04 FEBRUARY AND FORECAST FOR 05 FEBRUARY - 07 FEBRUARY

1A. SOLAR SUMMARY
Activity: moderate

Flares Max Fadeout Begin End Freq. Sectors
M2/2B 1544UT possible lower South American/
Atlantic

Observed 10.7 cm flux/Equivalent Sunspot Number : 86/29

GOES satellite data for 03 Feb
Daily Proton Fluence >1 MeV: 2.3E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 6.8E+08 (high)
X-ray background: B1.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
05 Feb 06 Feb 07 Feb
Activity Low to moderate Low to moderate Low to moderate
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 05 Feb: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field: no data available for Learmonth.
Global mid lat conditions were generally unsettled to active.

Estimated Indices : A K Observed A Index 03 Feb
Learmonth -- ---- ----
Fredericksburg 20 21
Planetary 20 20

Observed Kp for 03 Feb: 4443 4343
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
05 Feb 20 Unsettled
06 Feb 45 Active to minor storm
07 Feb 35 Active to minor storm
COMMENT: Flares observed 3-4 Feb are expected to contribute to the
gemagnetic activity forecast for 6-8 Feb.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
04 Feb normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
05 Feb normal fair poor
06 Feb poor poor poor
07 Feb fair poor poor

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
04 Feb 12 near predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
05 Feb 20 Near predicted monthly values
06 Feb -20 Depressed 10 to 20%/near predicted monthly values
07 Feb -40 15 to 30% below predicted monthly values
COMMENT: Regular Sporadic E layer observed on 4 Feb is expected for 5
Feb. Townsville frequencies: mostly near predicted monthly values.
Hobart frequencies: depressed 15-19UT. Degraded conditions are
expected in association with geomagnetic activity forecast for 6-8
Feb.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1549. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 23:54:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.23366.7585.0NFB918C@woodybbs.com>
Source record: 252553

```
The following files were processed Saturday 02-04-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ANART843.ZIP 7,361 ANART Bulletin #843 01/29/95
ARLB010.ZIP 2,046 01/31/95 - Renewal Hearing ordered
ARLB011.ZIP 2,841 02/01/95 - Vanity call sign order
ARLD005.ZIP 3,656 02/02/95 - DX News
ARLP005.ZIP 2,412 ARRL Propagation Bulletin 01/27/95
ARLP006.ZIP 1,998 ARRL Propagation Bulletin 02/03/95
ARLX007.ZIP 2,111 01/27/95 - Help the special olympics
ARLX008.ZIP 1,880 01/30/95 - Apply for scholarships
ARLX009.ZIP 1,756 01/30/95 - 10-Ghz record correction
ARLX010.ZIP 2,319 01/31/95 - Bill Grenfell, W4GF, SK
ARLX011.ZIP 1,874 02/02/95 - Morse champ dies
NEWS0121.ZIP 8,752 NewsLine #910 01/21/95
OPDX192.ZIP 5,742 Oh/Pa DX Bulletin 01/30/95
RAC02A95.ZIP 2,384 RAC Spcl News Bulletin 01/23/95 - CORRECTED
RSGB0129.ZIP 8,453 RSGB Bulletin 01/29/95
RTDX0203.ZIP 2,876 RTTY DX Bulletin 02/03/95
--------------------------------------------------------------------------------
58,461 bytes in 16 file(s)

HAMPACK HAM: Packet Communication programs
--------------------------------------------------------------------------------
ARPD115.ZIP 46,839 Amateur Radio Packet Door V1.15 for RA/MFJ
--------------------------------------------------------------------------------
46,839 bytes in 1 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT028.ZIP 5,478 AmSat Bulletin #028 01/28/95
ARLK004.ZIP 3,286 ARRL Keplerian Bulletin 01/28/95
ARLS004.ZIP 1,836 01/27/95 - QSO's with STS-63
--------------------------------------------------------------------------------
10,600 bytes in 3 file(s)

TVRO TVRO: TVRO Satellite Feeds, FAQ, TVRO Listing, etc
--------------------------------------------------------------------------------
TSN0129.ZIP 7,168 Tele Satellite News 01/29/95
--------------------------------------------------------------------------------
7,168 bytes in 1 file(s)

Total of 123,068 in 21 file(s)
```

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 2f3098a0 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

1550. Re: Vanity calls available

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-04 23:59:10 UTC
From: k0hb@hamlink.mn.org
Message-ID: <791942632.AA00444@hamlink.hamlink.mn.org>
Source record: 252564

1x1 calls will not be available. No calls with the prefix A# will
be available because they are not assigned to the United States.

1551. Re: Barcodes on qsl cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 00:08:47 UTC
From: k0hb@hamlink.mn.org
Message-ID: <791944537.AA00448@hamlink.hamlink.mn.org>
Source record: 252565

For the reasons you mention, I'd agree with you.

But I disagree that they should be eliminated from general use.

1552. Re: "Subcarrier" Radio Anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 01:08:00 UTC
From: emd@ham.island.net
Message-ID: <020495170828Rnf0.79b6@ham.island.net>
Source record: 252554
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

BKOPPELMANN@delphi.com writes:

>
>Quoting jlamar from a message in rec.radio.shortwave
> Hi ernie,
> > : >I would appreciate any lead on what is known (at least in some
> > : >circles) as "subcarrier radio." My limited understanding is this is
> > : >a FM type broadcast which requires a modified FM receiver to
> > : >receive. In other words, the standard AM/FM radio set would not
> >be able : >to process the "subcarrier" signal. Hence the
> >broadcasters typically : >sells these receivers to their listening
> >audiences. This is
> > : >Any lead (i.e, FCC regulation, equipment provider, etc.) would be
> >much : >appreciated. Thanks.

Subcarrier radio has another FM carrier multiplexed onto the standard broadcast, usually at about 67 KHz. This signal can then be detected and received with what is sometimes called an SCA adaptor. Some stations, for example, broadcast Muzak, or stock info this way, and subscribers rent an adaptor to receive the signal.

Periodically, Pop Electronics type mags will publish an SCA adaptor article. You might look through old issues at your local library. Popular Electronics, Electronics Illustrated, Radio-Electronics, etc.

--
emd@ham.island.net (Robert Smits VE7EMD Ladysmith BC)

1553. Accu-Keyer won't key IC-7

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 01:21:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23230.7585.0NFB9163@woodybbs.com>
Source record: 252555

RO>I recently pulled out an old Accu-Keyer I built years ago and tried to
>use it with my Icom IC-720. No go. Plugging in the keyer locked the
>sidetone on, but the rig wouldn't key. Hitting the keyer paddles made a
>little AC hum come through the speaker to the rhythm of my keying, but
>the rig wouldn't key.

RO>I hooked to keyer up to my ohm meter and the needle moves to dead
>short as I key. The rig keys fine with my straight key. Any
>ideas? I no longer have any documentation on the Accu-Keyer and all my
>manual on the rig says is be sure the keying voltage is less than 0.4
>VDC. I don't read any voltage on the output of the keyer. Thanks,
>Robert WD5AAT

I have the DOCs if you are interested in them...!

The original design for the Accu-Keyer output was for GRID BLOCKED
keying, not cathode keying. Therefore, unless you've re-wired the
outout, it's still set to key a NEGATIVE voltage to ground. I believe
the IC-720 is probably new enough to to be (essentially) cathode
keyed (e.g. it provides a POSITIVE voltage to be keyed to ground).

There's a 2N2222 (if I recall) which drives the 2N4888 output transistor
of the Accu-Keyer. If you connect the IC-720 key line to the COLLECTOR
of the 2N2222, it should (probably) key the rig with little problem.

If you want a copy of the DOCs, let me know.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1554. HAMFAIR on LONG ISLAND

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 02:55:34 UTC
From: Robert Schoenfeld <roberts@oak.liii.com>
Message-ID: <Pine.SUN.3.91.950204214940.812F-100000@oak.liii.com>
Source record: 252556

LIMARC will hold its winter hamfair sunday february 12 9am-5pm at the Freeport Armory 63 Babylon Turnpike Freeport NY Off of ext M7 on the Meadowbrook Parkway. Talkin on 146.850 -600 pl 136.5 for vendors contact Neil WE2V at 516 462 5549 Tables $25.00 General admission $6.00 Free Parking and food available. VE exams 9:30-10:30 bring oringinal and copy of licence and csce

++
+ +
+ _______ +
+ Robert Schoenfeld \ / +
+ WA2AQQ \ / +
+ \ / +
+ E-Mail:roberts@liii.com | +
+ AOL :rschoenfel@aol.com | +
+ Home RPTR 146.850 LI NY LIMARC +
+ The opinions herein are Mine and tough if you dont like them +
++

1555. Re: ARLB011 Vanity call sign order

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 03:18:38 UTC
From: pmm@safn2.saf.com
Message-ID: <827@safn8.UUCP>
Source record: 252557

In article <$arlb011.1995@ampr.org>, w1aw@arrl.org writes:

> ''vanity'' call signs, the Commission will use a series of four
> ''starting gates.'' Gate One will allow a previous holder of a call
> sign to apply for that call sign or, where the holder is deceased, a
> close relative could apply, even if he or she is not otherwise
> eligible to hold the call sign.

I wonder what the definition of "close relative" is? My mother's
brother (ie my uncle) was a ham in the 30's in Washington state.
He let his license lapse, but his call was never reissued.
I have a different last name. Can I claim his call if I have his
son's permission? (assuming I want to...I can't decide if I want
to be a W7 in 4-land....)

Is it just me, or do some of you others think this whole vanity
call-sign procedure will be chaotic?
I predict many will ignore the gates. I also predict there are
quite a few people out there who will try to claim the 1x2 call
of their mother's 3rd cousin in Omaha. Who is the gate-keeper
who decides whether a request is legitimate?

I hope it isn't too bad. I'm looking forward to having a call
that's easier to send in CW!

73
--
Penn M. McClatchey (Southern Aluminum Finishing Co, Atlanta, GA, USA)
Architectural Aluminum. Custom Fabrication. Paint, Powder Coating, Anodizing.
pmm@saf.com uunet!safn2!pmm Am Radio WB4DPT Voice: 404-355-1560,ext231

1556. Cellular Vibrator (Wireless)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 03:19:46 UTC
From: davidg@edgar.stern.nyu.edu
Message-ID: <Pine.SUN.3.91.950204221627.9667C-100000@edgar.stern.nyu.edu>
Source record: 252610
Cross-posted to:
ny.forsale,alt.radio.scanner,alt.security,nj.misc,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.swap

New Cellular vibrator. Now you can turn off the ringer on your cellular phone and be vibrated like a pager. Unit is smaller than a pager and clips on your belt. Wireless, just keep the phone with in 3 feet like in your laptop bag). Unit works with any cellular phone. $39 plus c.o.d. or send a check. e-mail me for more info.

1557. Re: Can HAM radios interferre with TV/Cordless Phones?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 04:01:11 UTC
From: cjds@ix.netcom.com
Message-ID: <3h1ii7$bff@ixnews3.ix.netcom.com>
Source record: 252558

In <3gm7lq$pn4@canyon.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:

>
>na8130100-Bair (bair@sparki44.ih.att.com) wrote:
> ^^^
>: My folks have been having BIG problems with reception lately and they
>: seemed to think it's a HAM operator. ...
>
>: The phone is an AT&T 5100 ...
>
>Must be that AT&T phone. Better get a Panasonic... :=)
>
>Seriously, though. From your description it does indeed sound like
>interference from a nearby transmitter. It could be ham, CB, cellular
>phone, taxi radio, whatever. Your best bet is to try to understand
>some of the voice. Even if you can't get a callsign, the type of
>jargon used would give a clue as to which radio service is involved.
>
>Al Bloom N1AL
>
>

Also, check out a nearby paging system. Those guys have BIG transmitters to pump out enough RF to fry your brain. Seriously, they do operate at high levels, there are usually several different transmitters at each site, and they do NOT transmit all the time (most do). Also, while an encoding scheme will "work", you did not specify a digital or spread spectrum phone. I also have and "encoded" phone, so I can keep people from using my line (yea, right), but I still get interference from other 46-49MHz phones in my area, and from fire dept still on lowband FM (very rare here in CO).

Hope this helps, although it probably confuses more. It is not easy to find, nor to eliminate.

Bill Horger, KC0IO

1558. Re: T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 06:08:21 UTC
From: milcom@netcom.com
Message-ID: <milcomD3IJpx.CCx@netcom.com>
Source record: 252559

In article <9502040400098734@pcappbbs.com>, dale.piedfort@pcappbbs.com says...
>
>I my opinion the second best repeater amp on the market at the present
>time.. Number one of course being Milcom. Price prevents most repeater
>groups from using the Milcom Amp.

thank you!

very true, there have been a few buying them when they want it bullet proof.
If you do have any problems with them you can call me direct at x350 at
(714)757-0530

TE systems is run out of an apartment. We are about 10 times the size.

1559. Re: T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 06:51:29 UTC
From: pauls90212@aol.com
Message-ID: <3h1shh$ds8@newsbf02.news.aol.com>
Source record: 252560

Just got a 6 meter amp from mirage. The TR went crazy because there were various cold solder joints and an undocumented mod in the TR section. I was using it in the VHF test. Fortunately one of the other ops was a great tech who managed to get it working quite well by doing surgery to return it to the circuit in the schematic.

- Paul, N6DN

1560. QSL info for J28EN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 06:55:59 UTC
From: dab@kaiwan009.kaiwan.com
Message-ID: <3h1spv$pm8@kaiwan009.kaiwan.com>
Source record: 252561

Looking for QSL info for J28EN worked in the 1994 CQWW CW contest.
K1AR is listed as manager from several sources, but he is NOT the
manager.

73 de Doug - NF6H

--
/*---*/
Doug Brandon dab@kaiwan.com

1561. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 06:56:13 UTC
From: earlix@ix.netcom.com
Message-ID: <3h1sqd$eb8@ixnews3.ix.netcom.com>
Source record: 252562

In <phb.791746512@melpar> phb@syseng1.melpar.esys.com (Paul H. Bock) writes:

>
>md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>
>>Welp, here's another fine example of what lowering standards in the
>>hobby has given us. This guy deserves to go to jail. We can't have

I'm starting to get damn sick of this no-code bashing. Why don't you bashers get a life (or just find another hobby)?

1562. Re: ARLB011 Vanity call sign order

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 07:42:02 UTC
From: slay@netcom.com
Message-ID: <slayD3Io22.Jry@netcom.com>
Source record: 252563

Penn McClatchey (pmm@safn2.saf.com) wrote:

: I wonder what the definition of "close relative" is?

Okay ... you asked for it. Here is the answer taken from the
full document as released by the FCC and as subsequently provided
by the ARRL:

14 We define close relatives as the spouse, child, grandchild,
stepchild, parent, grandparent, stepparent, brother, sister,
stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law
of the deceased.

Cheers
Sandy
Wa6BXH
slay@netcom.com

1563. Re: NOVICE ROUNDUP (last

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 09:40:18 UTC
From: gregl@iglou.com
Message-ID: <D3ItJ7.AGo@iglou.com>
Source record: 252566

In article <3gqq7q$mck@vixen.cso.uiuc.edu>, tigger@prairienet.org says...
>
>Indeed... Besides, 40m & 80m have had lots of activity in the Novice
>bands this week...I've prolly worked 30 guys in the NR so far. We've
>even had NR spots on the local cluster! Annoying to some, but I still
>think it's great.

I heard lots of folks calling CQ NR this weekend while at a friend's house (all I have here is 10m) and thought it was great. I just upgraded to General a few weeks ago and got my first opportunity to work 30 meters this weekend. I wasn't looking to work Novice Roundup specifically, but I was looking to make a contact and have a ragchew on 30M CW. I spend most of my time in the Novice portion of the bands anyway. Perhaps it's partially habit, but also enjoy helping others improve code skills while also improving mine.

One thing that really got my goat is that I tuned up on 30 meters and listened on 10.120 for a while. Hearing nothing I called CQ CQ CQ DE KE4DPX for a while. I finally got someone sending a question mark (I'm (I'm assuming he didn't get my call the first time around) and I'll be damned if someone else didn't fire up and start blasting 20+wpm code smack on top of us.

I think it's fairly safe to say the frequency wasn't being used -- I had sat on it for half an hour.

--
==
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@wi9p.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==

1564. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 10:00:12 UTC
From: gregl@iglou.com
Message-ID: <D3IuGC.AnH@iglou.com>
Source record: 252567

In article <3gtrb8$qes@superb.csc.ti.com>, w5kne@mcimail.com says...

>I disagree with Walt. I believe that QSL cards or some other type
>of manual confirmation will be with us for a long time, possibly
>forever. Computerized QSO checking will not work 100% of the time.
>
>No matter how careful an operator is, there is always the
>possibiltiy of error in logging or understanding a call sign, hence
>a computerized system won't work for all cases. There is always
>some percentage of QSOs in expedition and contest logs that are
>logged or heard incorrectly.
>
>It is a goal to consider, but quite frankly I'd rather collect
>QSL cards over computer printouts or diskettes anyday....

I have to agree that some percentage of QSOs will have inaccurate information. I can look in my own logbook and see a sprinking of QSOs that I made but forgot to record complete information, or missed the call. I operate in an apartment so get lots of interference when the computer is on so I log on paper, then transfer the information to the computer logbook later. As an example, my third HF contact was made with KC4HHU in Dade City, FL on 28.120 sometime between 101894 and 110194. Exactly when I don't know because I was still so nervous I forgot to record the date and time. A little bit later I made contact with KC2PG on 28.130 in Dewitt, NY. Must be nerves again, because I copied KE4DPX DE KC2PG K and recorded his callsign as KC2PGK. It took me a few days to figure out my mistake.

In the first case I can't do a proper QSL because I don't have the appropriate information. I'm sure I can write Art and get the information from him.

However, there are certain other types of problems that could be handled by "electronic filing" that can't be handled with paper QSOs. I have made contact with folks with "brand spanking new" callsigns that aren't in the callbooks. Thus it'll be upwards of a year before I QSL because I don't have an address to send the card to.

Another consideration toward electronic filing of QSLs to the ARRL or other awards tracker is cost. It is much cheaper to send a disk or paper copy of a log quarterly, semi-annually, or annually than to send an individual QSL. On the other hand, how many people like receiving QSLs in the mail?

Quite frankly, I think there are tradeoffs in both directions but I think the personalized QSL is here to stay.

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@wi9p.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==========

1565. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 10:14:05 UTC
From: gregl@iglou.com
Message-ID: <D3Iv3I.AuD@iglou.com>
Source record: 252568

In article <NEGAARD.95Feb2155139@draagen.graceland.edu>,
negaard@draagen.graceland.edu says...

>I'm a new ham, started out with a no-code license, and plan to upgrade
>to Tech Plus tonight. You sir, make me wonder if perhaps I shouldn't
>reconsider my involvement in the amateur radio. The amateurs I've met
>so far have as a rule been thoughtful and reasonable, leaping to
>conclusions only rarely.

Stick with it, it really is an enjoyable hobby. I also started with the
Technician license, then upgraded to Tech Plus and later to General. I
plan to upgrade to Advanced next weekend (keep your fingers crossed).
I've generally found the people on the air to be very curteous, kind
people willing to help in any way they can. Just keep saying to yourself,
"Internet isn't amateur radio." ;-)

It looks to me like this is the case of one person with a cross to bear
and he probably goes well out of his way to find fault with Technician
class operators. His time would be better served by helping those newly
entering the hobby as an elmer. Instead he'd rather waste his time -- and
ours -- by bitching and moaning. His loss.

--
==
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@wi9p.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==

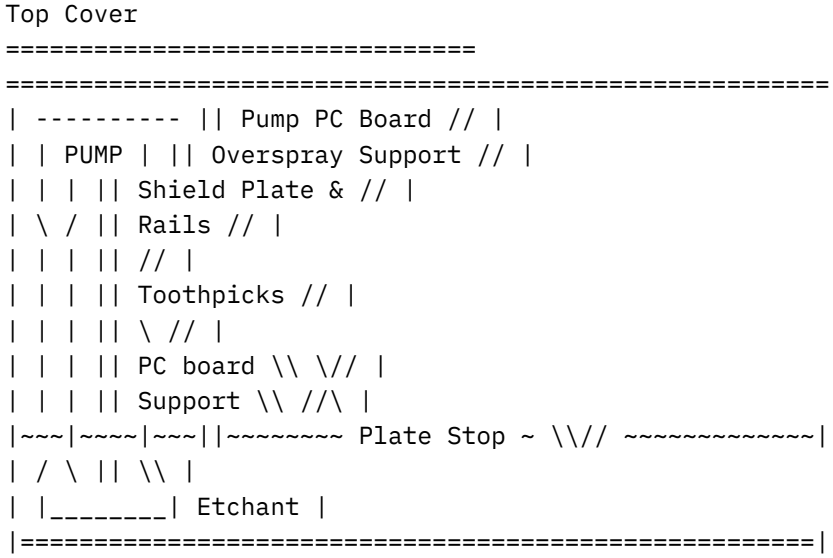
1566. PC BOARD ETCH TANK 2/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 11:19:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23283.7585.0NFB9177@woodybbs.com>
Source record: 252569

>>> Continued from previous message
11. TOP COVER

Finally (whew!) cut a plexiglass plate to cover the top of the tank, from the end opposite the pump to about 2" short of covering the vertical Pump Overspray Shield. This, you can just lay on top of the tank when you are working. It helps to reduce (BUT NOT COMPLETELY ELIMINATE) the amount of overspray from etching.

Top Cover



This completes the construction of the etching tank and system.

Now, here's how I set it up:

1. Fill a bucket with at least one gallon of fresh water.

2. Set up tank with the pump in one end and the PC board support plate in place on its support strips.

3. Place the pump (hose installed) into its compartment at one end of the tank.

4. Determine how high the PC board will need to be placed on the PC Board Support Plate for etching (normally just above the top of the etchant) and insert two round wooden toothpicks into the set of holes holes closest to the intended bottom edge of the PC board. Install the PC BOard Support Plate in the tank and rest the PC board on the support plate and the toothpicks.

5. Pour one gallon of ferric chloride into the tank.

6. Place the plexiglass cover on top of the tank.

7. GRAD HOLD(!) of the etchant hose (from the pump) and place the output end INSIDE the tank, between the top cover and the Pump Overspray Plate, aimed DOWN toward the bottom of the tank.

8. Plug the pump on and get the feel of the etchant as it flows through the tubing. Then play the etchant back and forth against the PC board, using the flow to 'wash' the etched copper away as it dissolves.

9. When etching is complete, unplug the pump and DO NOT allow the end of the tube to drop lower than the tank or all of the ferric chloride will siphon into your shoes!

Raise the tube to clear it of remaining ferric chloride and allow it to loop back into the tank, so the tank will catch any errant drips.

10. Carefully lift the PC board out of the tank and wash it lightly in the bucket of fresh water.

If the etching is not quite complete, replace the PC board and continue etching.

If etching is complete, drop the PC board into the water until you're finished cleaning up.

11. CAREFULLY lift the pump out of the tank, taking care to allow as much of the etchant as possible to drip INTO the tank.

Place the BOTTOM part (impeller) of the pump in the bucket of water. Plug in the pump and allow it to pump the water around in the bucket (and through the hose) for a while... until you're satisfied it's self-cleaned itself.

DO NOT allow the pump motor to come anywhere near the water. This should not be too difficult to do since the pump is about 10" high.

Unplug the pump. Remove it from the bucket of water and allow to air dry.

12. Remove the PC board support plate and toss it into the bucket of water.

Pour the etchant back into its original container.

Pour the bucket of water into the tank and use it to wash out any remaining etchant.

*** DONE ***

Actually, it's a LOT easier to DO than it is to describe.

Parting shots...

I found some PYREX (r) glass hot plate elements for a buck or so several years ago. I set one of them underneath my etching tank

with a SMALL amount of water (maybe a tablespoon) between the two glass plates to act as a heat conductor between the top of the heating element and the bottom of the tank. This allows my etchant to warm up to around 90-100 degress before I start etching. This step along cuts etching time to probably 30%-40% of the time required if the etchant were only room temperature. It's almost essential if you are using old ferric chloride! Any (safe) method of warming your etchant will be well worth the extra effort.

Ferric chloride reacts rather violently when it comes into contact with aluminum or concrete!! Exercise extreme caution any time you are etching. Ferric chloride not only etches copper, but it stains and can do harm to flesh if it's allowed to remain there to---
* LAKOTA v1.4

--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1567. PC BOARD ETCH TANK 1/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 11:19:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23282.7585.0NFB9176@woodybbs.com>
Source record: 252570

Several years ago, I was asked to describe a PC board etching system which I'd built.

Since the subject comes up occasionally, I though it might be worth re-posting the desription.

In the following description, I refer to 'junk' 1/4" plexiglass. This is because I was fortunate enough to locate a local glass installation company which kept boxes of broken (and 'wrong sized') plexiglass on hand. I was able to buy substantial amounts of this 'junk' plexiglass for next to nothing. Even if you have to have to buy new plexiglass, it shouldn't cost much, since there's not all that much required for the project. Just about ANY thickness of plexiglass will work, it's just that 1/4" seems to be the most readily available thickness.

References to 'silicone caulk' or 'silicone glue' indicate the same material, just used for slightly different purposes. Clear or white silicone sealer (caulking) will suffice in either case.

TH> A dip in the etchant (warmed to about 90-100 degrees and sprayed
TH> onto the board, placed vertically in a small aquarium, does the
TH> etching in only a few minutes (compared to 20-30 minutes using the
TH> tried and true 'slosh' method).

CC>Please describe your "spraying" technique more fully, I hate "sloshing" my boards!

It's really pretty simple...

1. Go to your friendly neighborhood junk (or hardware) store and find a CLEAN, rectangular, 5-gallon GLASS aquarium (hereinafter referred to as 'the tank').

2. Even if the tank is new, seal (caulk) all corners and edges with ample amounts silicone sealer. If the tank is already sealed with silicone sealer, you probably won't have to re-seal it, but if you cannot see what type of caulking has been used at ALL corners and edges, or if you're not sure of how well it's been caulked, it's best to do your own caulking job.

3. Go to the hardware store and shop around for a water pump which has a long (8"-10") shaft with the motor on the top and the impeller on the bottom. I found an AMXCO (American Excelsior Co.) #578 pump which has a plastic body and impeller. The shaft is made of steel, so I disassembled the plastic body and completely coated the metal shaft with epoxy to keep the etchant from attacking the metal. Then I reassembled the pump. This is a bottom-feed pump with a 1/4" to

5/16" output port right above the impeller housing. The pump is not all that high priced (less than $25) and it has more than adequate power to push a lot of etchant around in the tank.

NOTE: I had originally tried a "Little Giant" submersible water pump in this application. While the pump worked quite well, it was FILLED with a cooling oil and, once overheated, the sealing gasket let go and I had an etch tank full of etchant mixed with cooling oil... ruining my PC board and my etchant. The pump I now use is quite a bit lower priced and works just as well... maybe even better.

4. While you're at the store, pick up about 4'-5' of clear plastic tubing which fits TIGHTLY onto the output port of the pump. Plan on using a small hose clamp to ensure that the tube fits securely onto the output port... I found that the pump can propel ferric chloride about 8'-10' if the tube comes off. In my case, that was just about 2 feet PAST where my wife (N0IJY) was keeping her winter clothes!!!! Tom was in trouble once again!

BE SURE TO CHECK YOUR HOSE-TO-OUTPUT PORT CONNECTION EACH TIME BEFORE YOU RUN THE PUMP!

5. PUMP OVERSPRAY SHIELD

Cut a piece of 1/4" junk plexiglass so it just fits inside the narrow width of the tank and so when it's flush (vertically) against the top edge of the tank, it gives a 1/2" space at the bottom (e.g. if the tank is 8"h x 9"w x 14"d measured on the INSIDE, the partition is cut to 7-1/2"h x 9"w.

6. Place the pump into the tank, up against one end and temporarily place the OVERSPRAY SHIELD not quite up against the inside edge of the pump (allow an extra 1/2" or so). You should be able to EASILY insert and remove the pump. The plexiglass is there to help protect (kinda) the pump from too much overspray of the etchant. Using a permanent ink marker (e.g. Sharpie), mark the intended position of the overspray shield and use silicone sealer to glue the shield into place, placing the plexiglass as high (vertically) in the tank as possible, to allow the etchant to run UNDER the bottom edge into the pump intake.

7. PC BOARD SUPPORT PLATE

Cut another piece of junk plexiglass to the width of the tank and about 10" long. This plate will be placed diagonally in the tank, so it can be longer than the tank is tall. This will be the PC BOARD SUPPORT PLATE on which the PC board rests as it's being etched.

Situate the PC BOARD SUPPORT PLATE on a diagonal from about 1" in from the top end of the tank (OPPOSITE of the pump) and allow the plexiglass to angle down at an angle NO LESS than 45 degrees toward

the bottom of the tank. Allow a 1" gap between the bottom of the tank and the plexiglass for etchant flow. DO NOT GLUE THIS PIECE IN PLACE! Use a permanent ink marker and mark (on the sides of the tank) the intended position of the top and bottom of the PC BOARD SUPPORT PLATE.

8. SUPPORT PLATE RAILS (on which the PC BOARD SUPPORT PLATE rests)

Cut two (6" x 1/2") plexiglass strips. These strips will be silicone glued into place (against the sidewalls) along the (BACK SIDE of the) marks you made to indicate where the PC BOARD SUPPORT PLATE is to sit. They will be best attached by running a fairly thin bead of silicone glue (caulk) along the length of one flat side of each strip and then placing it against the wall of the tank, pressing out as much excess silicone glue as possible.

Once the silicone glue for these two rails is set, CAREFULLY remove any excess glue which appears on the TOP (upper) edge of each rail. Excess silicone glue will not allow the PC BOARD SUPPORT to securely rest against the rails.

9. SUPPORT PLATE STOPS (against which the bottom edge of the PC BOARD SUPPORT PLATE will rest when in the tank)

Cut two (1" x 1/2") plexiglass strips. Lay the PC BOARD SUPPORT PLATE on the SUPPORT PLATE RAILS installed in step 9, and mark where the BOTTOM edge of the plate is resting. Then, silicone glue these two strips (against the sidewalls) at right angles to the long strips. These serve as the end stops for the PC BOARD SUPPORT PLATE, to keep it from sliding down to the bottom of the tank. These strips should protrude far enough in front of the SUPPORT PLATE RAILS to ensure that the PC BOARD SUPPORT PLATE cannot slip off them during etching.

10. Drill lines of (4 to 5) holes in the PC BOARD SUPPORT PLATE, starting about 1" from the bottom edge and continuing up to about half way up the height of the plate, in 1' increments. The holes will be for sticking TOOTHPICKS in, to use as PC board supports (bottom rests) when you're etching. Make the holes small enough that standard, round, toothpicks can be placed in them snuggly enough that the toothpicks will not fall out during the etching process. Toothpicks are used because they are cheap and easy to
r---
* LAKOTA v1.4

--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1568. Examples of "Ham Frie 1/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 13:27:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23284.7585.0NFB9178@woodybbs.com>
Source record: 252571

>bly@Glue.umd.edu (Mark E. Bailey) writes:

MM>>Please send any relevant information you can to me via e-mail.

Mark:

I'm not sure if this'll help at all, but here's how we did it...

--- text of a letter of reply to those requesting info ---

Thank you for your letter requesting additional information
regarding our successful effort to change our City's Tower/Antenna
Zoning Ordinance.

In the narrative which follows, while some of the intervening
meetings and incidents have been omitted, all the really usable
information is included.

Although it didn't make it into the QST article, when we made our
initial contact with the City Attorney, he was not all that
convinced of the benefits (to the City) of Amateur Radio and he was
(initially) totally unaware of PRB-1. at that first meeting, we
discussed the many and varied benefits that Amateur Radio had to
offer the City and I was able to enumerate a number of actual
events where local hams were directly responsible for life-saving
communications either for local citizens or for others throughout
the nation. I attempted to enforce the fact that Amateur Radio
communications are not strictly limited to our locality and that
hams require the ability to communicate "reliably" over sometimes
great distances. I wanted to make the point that "reliable"
communications were predicated upon the amateur's ability to
install antenna systems which would perform day after day and not
just from time to time.

I soon realized that, although it would have been nice to have the
City Attorney on our side, it was actually the Planning and Zoning
(P&Z) Board (and ultimately the City Council) that I had to
convince... all I had to get the City Attorney to do was to accept
the content of my petition to the P&Z Board.

As noted in the QST article, the existing zoning code made
virtually no accommodation for Amateur Radio towers or antennas.
It set a 35-foot maximum height for virtually all towers.

When I went into this task, I had no experience working with any
facet of city government. I was a real greenhorn. I made a number
of dumb mistakes, but I tried to learn from my mistakes. My first

mistake was that my initial submittal of a proposal to the City Attorney (and the P&Z Board) was just too vague. They wanted hard and fast dimensions for what I was requesting. They wanted justification for each measurement and it seems that they expected (for some reason) to be able to 'haggle' a bit regarding the measurements.

I found that I was somewhat unprepared at my first appearance before the P&Z Board. I went into the meeting armed with 33+ years of operating and technical experience, but no hard, cold facts. During the first meeting, I asked for a maximum tower height of seventy feet (70') only. However, the P&Z Board was not only concerned about tower height, but also such things as guying, base (and top) width, and tower quality and placement. It was obvious that they weren't anxious to see some ham install a 60' windmill tower in their front year and call it an antenna tower!

Although I'd originally asked for ONLY an ordinance change to permit increasing the height of towers and antenna supports, it was also obvious that the City wanted to place some limits on the size of antenna(s) placed on the tower.

By the time I walked out of the initial P&Z Board meeting, we had at least somewhat agreed on the general boundaries of the measurements to be requested:

Tower not to exceed 70'
Tower base section not to exceed 5'
Antenna not to exceed 50' for the longest element

I was directed to go back and do a better job of "crafting" my proposed ordinance and then re-submit it at a later date. I read the word "crafting" to mean ("get your stuff together this time and do it right!").

I contacted antenna manufacturers (Hy-Gain & Mosley) to obtain engineering data for their largest tri-band beams. Hy-Gain sent just what I'd asked for, Mosley failed to respond at all!!! Undaunted, I obtained a set of measurement specifications for the Mosley Pro-97 from a friend. The Pro-97 is the largest tri-bander I could find and with it's 40M elements, measures in at something just over 40' wide.

Using the information provided by the manufacturers, I sketched out a set of parameters which I thought would be generally acceptable by local hams and the City. Since it was obvious that more and more tri-banders were being offered with add-ons to turn them into 4-, 5- and even 7-banders, I chose to stay with my original estimate of fifty feet (50') as the maximum element length I would ask the City to approve. I felt I could back up this request by the fact that there were already existing "shorty-forty" antennas measuring in excess of 40' and that a full-sized 40M yagi was in

excess of sixty-five feet. Thus, fifty feet allowed for some expected "new" designs which might fall between the two extremes.

I also contacted several manufacturers of towers (Unarco-Rohn, Telex/Hy-Gain and U.S. Tower). All three manufacturers immediately responded to my request with usable data.

The information provided by the tower manufacturers indicated that, for a seventy foot (70') tower, a maximum tower base width of 32" would be adequate. My gut feeling from my initial meeting with the P&Z Board was that they really would have liked to reduce my estimated maximum tower base width of five feet down to something substantially less. Since I still wanted a 'sacrificial lamb' to give them in case they wanted something to 'haggle' over, I used my original estimate of a 5' base width, knowing that I could reduce it to at least 3' and still have several inches to work with if necessary.

I made copies of selected pages from data sheets provided by the manufacturers. I copied the tower pages which showed only '70 (and above) towers and antennas which had only three elements but which did include the 40M add-ons. I also included Rohn's guying charts for their towers so the P&Z Board members could see that guyed towers (if properly installed) were quite safe.

Together with the copies of the manufacturer's data I bundled copies of the ARRL's Antenna Height vs. Communications Efficiency study and selected pages from the PRB-1 document (liberally marked with highlighter). I wanted to give the members of the P&Z Board enough to chew (but not enough to choke) on.

At a subsequent meeting of the P&Z Board I presented my data packets and my new proposal which had been accepted by the City Attorney. The requested dimensions were the same as those we'd worked out at our first meeting:

Tower not to exceed 70'
Tower not to exceed 5'
Antenna not to exceed 50' for the longest element
>>> Continued to next message
* LAKOTA v1.4

--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1569. Examples of "Ham Frie 2/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 13:27:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23285.7585.0NFB9179@woodybbs.com>
Source record: 252572

>>> Continued from previous message
The P&Z Board accepted the requested tower height (70') and
(surprisingly) the maximum element width (50') with no complaint.
However, they were still concerned about the physical width of the
tower and that someone might install something which they did not
consider appropriate. We finally agreed on the following set of
measurements:

Tower not to exceed 70'
Tower not to exceed 36" at its base, 24" at 30' from
the base, and 12" at its top.
Antenna not to exceed 50' for the longest element

The modified proposal was to be re-typed and sent to the City
Council for approval.

Apparently due to lack of time to re-type the proposal, and due to
some last-minute "suggested changes" by the City Planner, only pen-
and-ink changes were made to each copy of the bill when it was
presented to the City Council.

The "suggested changes" made by the City Planner were so
restrictive that they were obviously intended to "kill" any benefit
gained by the bill and to return total control of all tower heights
to the P&Z Board of Adjustment (where Board approval would, again,
be required for each installation).

Prior to our presentation to the City Council, we made more
informational packets for all Council members. These packets
included information which we thought they needed to make an
informed decision:

PRB-1 (on top of the pile)
Copies of court decisions where Hams have taken their
municipalities to Court and won. I made sure that the cases
were the municipalities were ordered to pay court fees and/or
damages were placed first in this group of documents.
Copies of the ARRL's Antenna Height vs. Communications
Efficiency study
Copies of letters of endorsement from a number of local civic
and emergency-preparedness groups:
Local Hospitals
State Emergency Management Agency
State Health Department
Local citizens who have benefitted by communications
provided by local Hams (eg. San Francisco quake Health &

Welfare traffic, etc.)
Red Cross
We had many other sources, but we felt that quality was
more desirable than quantity. In retrospect, I think
that BOTH quality and quantity may be desirable, with the
letters representing quality placed at the top of their
pile.

I hand-carried the informational packets to each councilperson and
used it as an opportunity to talk further with them. I made them
aware that national precedent had already been established and that
if adequate accommodation could not be agreed upon, somewhere down
the line, some ham would probably initiate a legal proceeding
against the City, and that this was exactly what we were attempting
to avoid by addressing the problem now. I directed their attention
to highlighted passages in each informational packet and discussed
any questions they had. The meetings were quite productive.

When it can time for the actual consideration of our proposed bill,
it appeared that several of the Council members were somewhat upset
that the City Planner had introduced his own set of "suggested
changes" (remember them from above?). I think they felt that this
was a direct attempt to circumvent the work of the P&Z Board.
There was some discussion among the council members regarding which
of the (now two sets of) pen-and-ink changes to my original bill
were current. Somewhere along the process, one of the Council
members made a motion to accept the unaltered proposal (I think due
to the feeling that both sets of changes originated with the City
Planner). The motion was seconded and voted unanimously with no
further discussion. Not only did we get our antenna zoning
ordinance, we got it as originally proposed!

73 ES GL with your efforts.

Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

1570. Astatic D104 + TS-430-S

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 13:34:07 UTC
From: ab4el@cybernetics.net
Message-ID: <3h2k4f$1vc@news0.cybernetics.net>
Source record: 252573
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

If you know how to correctly wire an Astatic D104 microphone
to a Kenwood TS-430-S, please reply to me at my email address. TNX
--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

1571. Re: rec.radio.amateur.binaries ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 14:04:47 UTC
From: biekert@phoenix.phoenix.net
Message-ID: <3h2m63$kda@gryphon.phoenix.net>
Source record: 252574

jpll@vectorbd.com (Jim Lill) wrote:
>Has anyone ever considered a group for ham software.

The Clear Lake Amateur Radio club now has an anonymous FTP
location for shareware amateur related files.

ftp to ftp.phoenix.net /usr/CLARC

you will find /pc , /mac , /doc

Note: We just started this, so right now, just some pc stuff.. enjoy.

Check out our WWW Page http://www.phoenix.net/~biekert/index.html

73 Bob KA5GLX Houston Tx

Bob Biekert Houston, Texas KA5GLX Join the Clear Lake ARC
CLARC Homepage http://www.phoenix.net/USERS/biekert/index.html

1572. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 15:16:56 UTC
From: brucemcg@actrix.gen.nz
Message-ID: <D3K49v.7zI@actrix.gen.nz>
Source record: 252575

walt@waltd.demon.co.uk (Walt Davidson) wrote:
>There has been some lengthy correspondence about this subject in a
>United Kingdom newsgroup recently.
>
What is the correct method of storing Ni-Cad batteries over say a
6 month period. Fully charged or fully discharged??

Bruce McGregor Email: brucemcg@actrix.gen.co.nz
P.O.Box 3820 Phone: +64 4 802,6649(B)
Wellington +64 4 478,7055(H)
New Zealand. Fax: +64 4 384,7187

1573. Recommendations for Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 15:26:21 UTC
From: dhinch@cello.gina.calstate.edu
Message-ID: <3h2qmt$2a2@cello.gina.calstate.edu>
Source record: 252576

I am looking for recommendations for a new 2m/70cm dual band mobile rig. In addition to the normal features that one finds these days, I am looking for a good packet capability. Since this does represent a major investment, I would like to have the capability to grow to 9600 baud packet. Any recommendations or comments?

Thanks in advance.

Dave
KE6MYC

Email: dhinch@cello.gina.calstate.edu

1574. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 15:41:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.23367.7585.0NFB918D@woodybbs.com>
Source record: 252577

```
The following files were processed Sunday 02-05-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMCOMM HAM: CW / APLINK / RTTY terminal progams
---------------------------------------------------------------------------
WXFAX2_3.ZIP 134,504 Wx Facsimile Database v2.3
---------------------------------------------------------------------------
134,504 bytes in 1 file(s)

HAMELEC HAM: Electronic drafting, calculation programs
---------------------------------------------------------------------------
TDB3.ZIP 27,119 Vaccum Tube cross reference Database
TSD.ZIP 15,574 Transistor Substitution Database
---------------------------------------------------------------------------
42,693 bytes in 2 file(s)

HAMLOG HAM: Amateur radio logging programs
---------------------------------------------------------------------------
LOGEM20.ZIP 59,601 Amateur Radio logging program with tsr utilities
---------------------------------------------------------------------------
59,601 bytes in 1 file(s)

HAMNEWS HAM: Ham Bulletins and Newsletters
---------------------------------------------------------------------------
ARLD006.ZIP 1,697 02/02/95 - DXAC vote results
---------------------------------------------------------------------------
1,697 bytes in 1 file(s)

HAMSWL HAM: Shortwave broadcast schedules
---------------------------------------------------------------------------
DENMARK.ZIP 2,864 Radio Denmark SWBC Sked - 02/01/95 - 03/25/95
---------------------------------------------------------------------------
2,864 bytes in 1 file(s)

Total of 241,359 in 6 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest
```

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 0.98
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 3933f804 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

1575. I Wanna get into Ham, but how and how much $

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 16:17:35 UTC
From: jennilr@ndlc.occ.uky.edu
Message-ID: <3h2tmv$t2h@sparc.occ.uky.edu>
Source record: 252478

Hi,
I recently read about ham radio, and I've heard a bit about before,
and my friend and I are interested in getting into Ham radio, Beiing 13,
the stuff looks rather expensive, What would the cheapest amount of money
i could pay for some decent equipment, Also I Live in owensboro Ky, and
I'd also like to know how, and what i have to do to get my license

--
Lane Jennison!

jennilr@ndlc.occ.uky = Direct internet acount

Ask me about my 150 ways to Kill a fish! Avalible upon request.
I'm serious, if you don't believe me, try it and find out. Just
send me a message saying you want 150 ways to kill a fish.

|------------------|------------------------|------------------------|
|Born Cool, Am Cool,|Hockey Freak, |Lane Jennison |
Live Cool, Die Cool	8th Grader,	jennilr@ndlc.occ.uky.edu

1576. Amateur Authors Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 16:31:00 UTC
From: george@news.epix.net
Message-ID: <3h2ug4$elh@grape.epix.net>
Source record: 252479

I am thinking of starting an electronic Newzine for Ham radio. I currently pen a monthly coulmn (humor) and would like to try to get some other authors together and perhaps we can put something together. Also would like to get some assistance from fellows who would be knowledgable in the distribution of this. All aspects and articles would be welcome from technichal to satire. All I ask is that you be original (no reposts of other stuff) and be patient.

Please E-Mail me and we shall see what can be done.
GC

--
****
* George Cook AA3JU Bangor, PA FN21 *
* george@peach.epix.net AA3JU@N3IQD.EPA.USA.NA *
****

1577. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 17:36:01 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3JFK1.E47@news.hawaii.edu>
Source record: 252480

In article <9502041736244493@infoplus.uu.holonet.net> cdrom.info@info.uuu.colonet.net (Cdrom Info) writes:
>
> Ham Radio CDROM with Windows based Callsign Database
> --
>
>Information Plus sells a superb Ham Radio CDROM featuring:
>..........

Twice in one week? If you posted this say, once every 2 weeks (on r.r.swap only) no one would probably complain.

Don't become like the pepper spray and amway (oops - amsoft) fellows.

Jeff NH6IL

1578. Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 18:23:13 UTC
From: kb0lrb@solar.sky.net
Message-ID: <kb0lrb.1.001263A2@solar.sky.net>
Source record: 252503

Hi All,

I read, somewhere, that there is a software package available that will allow you to use your SoundBlaster card, to fingerprint a Transmitter (similiar to the Transmitter ID board, available for $700, which is kind of pricey IMHO). Any idea where (ftp) this software might be obtained?

Lynn

geitgey@ukanvm.cc.ukans.edu

1579. Ham Things for Fox Pro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 18:57:48 UTC
From: ap164@FreeNet.Carleton.CA
Message-ID: <D3JJCD.Lrw@freenet.carleton.ca>
Source record: 252481

Does anyone know if there are logging/contest Mac Shareware programs for
Fox Pro? I have been using it as a database and have considered setting
it up for logs and awards, but don't want to reinvent the wheel if someone
has done it better. Please e-mail me with details. Thanks!

--
Maria L. Evans mevans01@bigcat.missouri.edu
"Never pick a fight with people who buy ink by the gallon."
--Casey Stengel, when asked why he didn't fight with the N.Y. sportswriters

1580. Re: The Legacy of the No-

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 19:31:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5606.545@acenet.com>
Source record: 252482

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

LE>>md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
LE>>
LE>>>Welp, here's another fine example of what lowering standards in the
LE>>>hobby has given us. This guy deserves to go to jail. We can't have

LE>I'm starting to get damn sick of this no-code bashing. Why don't you
LE>bashers get a life (or just find another hobby)?

Or at least they should get on the air and WORK some CW! Nothing like
it! People who don't work CW are missing out on one of the best parts
of ham radio, but the others shouldn't throw rocks at them as a way to
gain their interest. It just doesn't help anything.

~ SLMR 2.1a ~ Proud member of PETA, People for Eating Tasty Animals

1581. The Legacy of the No-Code

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 19:31:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5605.545@acenet.com>
Source record: 252483

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

JDA> Rest of the rant deleted. Hey Mike, why do you have to carry on like
JDA> an asshole over in this group. You don't act like this in biz.sco.

JDA> You suffering from CB-itis? (Instant a*****e, just add
JDA> mmicrophone)

Why do you insist on being excessively annoying? Is this your attempt to
get attention or what? DO you talk filthy like this over your amateur
radio too? If so, you are no better than the CBers you driticize.
Actually worse than most!

~ SLMR 2.1a ~ Proud member of PETA, People for Eating Tasty Animals

1582. question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 19:31:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5604.545@acenet.com>
Source record: 252484

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

You abused NH6IL with:

JDA> Perhaps while you're at it, you'd like to repeat your claim that I am
JDA> (or was) bootlegging your callsign here in Southern California.

etc. ad nauseum!

WHY are you in amateur radio at all Jeffrey?
It is about friendly communication! Not the kind of offensive ire and
filth you are spouting here!

Children read this echo. Parents are offended by your un-necessary
violations of others ears and eyes.
PLEASE stop it or go elsewhere! You can expect a complaint to your
system administrator if you do this again.

~ SLMR 2.1a ~ Proud member of PETA, People for Eating Tasty Animals

1583. kd9jq_95.zip - Preamp & triode amp design, 4 utility pgms

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 20:15:24 UTC
From: reichert@cig.mot.com
Message-ID: <9502052015.kp29040@SimTel.Coast.NET>
Source record: 252485
Cross-posted to: comp.archives.msdos.announce,rec.radio.info,rec.radio.amateur.misc

I have uploaded to SimTel, the Coast to Coast Software Repository (tm),
(available by anonymous ftp from the primary mirror site OAK.Oakland.Edu
and its mirrors):

ftp://oak.oakland.edu/SimTel/msdos/hamradio/kd9jq_95.zip

SimTel/msdos/hamradio/
kd9jq_95.zip Preamp & triode amp design, 4 utility pgms

The following utility programs are distributed, courtesy of KD9JQ,
as FreeWare in file kd9jq_95.zip:

asp_ver4.zip Contains ASP version 4.0 transistor RF preamp design
program. It requires EGA or higher.

tap_ver2.zip Contains TAP version 2.0 triode amplifier program for
grounded grid tube RF amplifiers.

utility.zip Collection of 4 programs for matching, filters, attenuators,
and transistor compression point calculations. These are:

1 - compress.exe - calculates transistor compression point.
2 - bbmatch.exe - calculates broadband matching L/C values vs Z
3 - atten.exe - simple T. PI resistive attenuator program
4 - filter.exe - calculats L/C values for LPF, HPF

Chuck Reichert KD9JQ
reichert@cig.mot.com

1584. Ohio/Penn DX Bulletin #193

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 21:16:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.193.1995@ampr.org>
Source record: 252486
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.193
Ohio/Penn DX Bulletin No. 193

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 193
BID: $OPDX.193
February 6, 1995
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, W1KSZ, NA2M, WB2RAJ, K3TLX, KA3DBN, K4CEF & Southeastern Cluster Group, N4PYD, W4VQ, WD4KXB, KH6GMP, N7VEW, W7MAP, DF4RD, OH2BVE, VE3JLP and DL7VEE the DXNL for the following DX information.

C5, THE GAMBIA. Paul, VE3JLP (DX Editor of The Canadian Amateur Magazine) will be in The Gambia for a week, February 10-17th. He has applied for a temporary licence and hopes to operate from the Agricultural College there where a group of VE1's left an HF station last year. His operating time will be limited as his prime reason for the trip is to visit his daughter who has a 6 months teaching contract at the college (He just learned that the ham station is in her office!). QSL via VE3JLP.

C6A, BAHAMAS. Larry, K3TLX, will operate from February 12-21. Larry will be a Single Op entry in the ARRL DX CW Contest. His callsign is unknown. He will operate all HF bands during the week before the contest. QSL via K3TLX.

CARIBBEAN TRIP. John, KA3DBN, will be active from Aruba as KA3DBN/P4 from March 11-18th. Activity will be on all bands, CW, SSB and possibly RTTY. Enroute back to the frigid Northeast, he will be stopping and operating from Anguilla (VP2E) as VP2EBN and /PJ7 on St. Maarten. QSL via his CBA or bureau.

DXAC NEWS..... Garth Hamilton, VE3HO, has been appointed chairman of the DX Advisry Committee (DXAC)..... The ARRL DX Advisory Committee voted 8 to 7 to reject a petition to add Pratas Island to the DXCC Countries List based on Point 2(a), separation by water. Some of those voting against cited concerns over the possibility of intervening rocks. Others cited what they perceived as disputed ownership of the island.

PJ7, ST. MAARTEN. K7CI and W7MAP will be active from March 1-8th. Operations will be mostly CW, except for the ARRL SSB CONTEST.

POSSIBLE DELETIONS IN WORKS? There was an article in the Honolulu paper a couple of weeks ago, in which the headline read: "STATE MAY GET JOHNSTON ISLE", subheadline was "GOP PROPOSAL ALSO INCLUDES PALMYRA, MIDWAY". The main meat of the article says that a Republican proposal House Resolution H602, was introduced in Congress (in Washington) to extend Hawaii jurisdiction over four more islands, two atolls and a reef with a patch of sand 133 feet long and an underwater footprint that stretches 9 miles. Added to Hawaii would be: Baker and Howland, Jarvis, Palmyra Atoll, Kingman Reef, Johnston Atoll and Midway. The whole package contains only 7 square miles of actual land or sand, but it would give Hawaii 322,000 more square nautical miles. Except for Palmyra, all the land is Federal land. The bill was introduced by Rep. Elton Gallegly, R-Calif, the Rescources subcommittee chairman.

QSL MANAGER CHANGE. Adam, N7VEW, informs OPDX that Chuck, AB7BB, will be taking over as QSL Manager for both 5V7MD and TJ1JR. All cards that were sent to Adam will be forwarded to Chuck. Address for AB7BB is:
Chuck Degard, 919 W. Vaughn St. , Tempe, AZ 85823.

ST2AA, ST2/G4OJW AND ST0K CARDS (UPDATE). Dick, WB2RAJ, has reported that the logs have arrived from Sudan and the QSL cards have arrived from his stateside printer. He is currently busy sending out cards to those who have already sent for requests. He has the logs for the following:

ST2/G4OJW - from September 17, 1993 thru October 26, 1993. W7KCN also has a copy of these logs. To confirm any of these contacts QSL direct to WB2RAJ or W7KCN.

ST0K - from October 26, 1993 thru September 6, 1994. To confirm any of these contacts send direct to WB2RAJ.

ST2AA - from January 21, 1994 thru December 31, 1994. To confirm any of these contacts send direct to WB2RAJ. Any requests for cards that were sent to WW1V have been forwarded to WB2RAJ.

Dick states that all three stations are good for DXCC credit for the Sudan. Most of the QSL card requests sent direct to Sudan for the 1993 and early 1994 contacts never got through - for various reasons. Dick says he appreciated everybodies' patience.

TN, CONGO. German members/friends of NODXA are now active as of February 4th and will continue to be active from here until about February 29th. The group (Fritz, Holger, Tom and Birgit) arrived in Brazzaville on January 26th. After a 10 day delay in receiving their licenses the callsigns being used are: TN4U for CW and TN2M for SSB. By the time you read this the team hopes to have all of their equipment up and running. Frequencies will be plus or minus the usual DX frequencies and QSL to DL7VRO.

VP2M, MONTSERRAT. Members of the Woodbridge Wireless group of Virginia will operate the ARRL SSB DX contest March 4-5 as VP2MFM, in the multi-two category. They will be active on CW, RTTY, and 6 meters before and after the contest, March 1-6th. Operators are WB4NFS, WD4KXB, KJ4VG, KA4RRU, KO4FM, W2HPF, and W4MYA. QSL to Denis Catalano, WD4KXB,

14453 Alps Drive, Woodbridge, VA. 22193.

XE, MEXICO. Oiva, OH2NSM, and Heikki, "Henry" OH3JF, will be active from Cancun, Yucatan. It is almost the eastern most point of Mexico. Their expected stay in Mexico is February 10-20th. Their purpose is to provide zone 6 for WAZ-hunters. They will concentrate on working low-bands and Europe. Main operation bands are 160, 80, 40 and 30 meters and mostly CW. Other bands will be activated as time and propagation permits. Both OH2NSM or OH3JF are inexperienced DX-pedition operators, "so PLEASE be patient. They will operate 7 kHz above the band edges for CW, and on SSB they will operate on normal DX-frequencies. QSL information will be given later.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

1585. HOAX against AmSoft

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 21:49:11 UTC
From: amsoft@epix.net
Message-ID: <3h3h4n$sev@grape.epix.net>
Source record: 252487
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

I question if the person called bob@texas.net really exists or if it was just a HOAX and a campaign by a spineless internet hacker to damage the AmSoft reputation.

I submit the following information and request that you as an individual test the information for yourself.

On 2/5/95 I did a FINGER on bob@texas.net and received the following information:

>--- Host: texas.net User: bob@texas.net ---
>Login name: bob
>In real life: Robert J. Scott
>Directory: /home/b/bob
>Shell: /bin/menu
>Last login Fri Jan 20 20:39 on ttyrc from sa-pm1.texas.net
>No unread mail
>No Plan.

Take a look at the LAST LOGIN DATE!
(Last login Fri Jan 20 20:39 on ttyrc from sa-pm1.texas.net)
So how is it that bob@texas.net has managed to post so many messages in the rec.radio.amateur.* usenets as bob@texas.net since Jan 20 and texas.net's finger has no record of it?

Take a look how he connected thru TEXAS.NET ON JAN. 20, 95
(on ttyrc from sa-pm1.texas.net)
Is sa-pm1 a code for SPAM?

It looks like the wool has been pulled over our eyes on this story.
Even the FCC records for WY7O don't correspond to the Texas area.
Whoever you are pretending to be WY70 we are onto your HOAX.

FYI, AmSoft has not posted any reference to it's products since January 27th and will not post reference to AmSoft products in the future except for the rec.radio.swap usenet, and in the amsoft signature when responding to usenet messages.

To all readers of the rec.radio.amateur.* usenets AmSoft posts this public apology to anyone that became annoyed by any aspect of the continuing posts by or about AmSoft and its product.

I request that nobody post a response to this article unless they intend for their message to appear in all 7 rec.radio.amateur.* usenets (read header of this message first)

Sincerely,
Pete, KC3TL

1586. 9Z2ZZ Address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 22:45:34 UTC
From: gggrove@ncw.net
Message-ID: <gggrove-0502951445340001@slip06.ncw.net>
Source record: 252488

Does anyone have 9Z2ZZ's address? I worked him over a year ago and am in dire need of a qsl. My address is Gary_Grove@tfrec.ncw.net

1587. Re: FT-530 (long)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 22:50:17 UTC
From: Ken Watson <kwatson@puc.edu>
Message-ID: <Pine.DYN.3.90.950205142905.25032A-100000@ecf.puc.edu>
Source record: 252489

On Thu, 2 Feb 1995 opp@worldweb.net wrote:

> Like to hear the upside and downside of the FT-530. Best and worst
> features. If u have one and love it, let's hear why. If you have (or had)
> one and hate(d) it, let's hear from you too.
>
>
>

I purchased my FT-530 last November, so have had it only 3 months, but
have used it much in that time. It's a nice little radio, and I am mostly
pleased with it. There are several glitches, but no equipment is perfect
(though we want it to be...)

Upside

The radio has several nice features that I particularly enjoy.

1. The illumination lamp lights the keypad. Many handhelds don't have
this, and I'm not sure how one would change a setting on a complex
handheld without it.

2. The illumination lamp can be set to stay on the entire time the radio
is on, which really helps at night. You don't have to hold the light
on while you are jumping around frequencies, or just watching the
radio scan, etc...

3. This is a biggie. It has what's called ABS (Automatic Battery Saver).
The radio can be set to sample the dialed-in frequency at several
rates ranging from many times per second to over one second between
each sample. This SIGNIFICANTLY reduces battery drain and extends the
life of the batteries. But the nice part is that you can set the
radio to automatically adjust the sampling rate based on how long the radio
has been idle. (i.e. the longer the radio sits, the longer the
sampling rate and lower the battery drain).

4. The radio is fairly small in size (except when compared to the FT-51R
and likes).

5. A Ni-Cad charger is contained IN the radio (unlike the FT-470). To run
the radio off 12V, just plug the radio up to 12 Volts, and the radio
will charge the battery pack as you operate. (However, the plug is an
odd size and you may be better off purchasing the Yaesu cable for +-$20..)

6. The display can be configured to show the battery voltage continuously
as you operate, so you can see the state of your battery. Really enjoy
this feature...

7. You can receive the aviation band (I'm a pilot and this is useful to me)..

8. The radio will scan to find the PL tone of a repeater (useful it you don't know what the tone is...)

Downside
----
1. When certain frequencies are tuned into the radio, they conflict with each other. For example, 162.400 on the 2m side, and 441.450 on the 440 side will produce a full-deflection signal on the 440 side, generated by the 2m side, with or without the antenna. This is only a problem if you to use those 2 frequencies at the same time. Has to do with Intermediate Frequency interference internally. Yaesu said that that is just the way it is. (I sent my radio in because of this). My FT-470 does this also, BTW, but not as bad.

2. If the non-active side of the radio is scanning while you are listening to a signal on the active side, there is a slight click each time the scanning side changes frequencies. Very *slight* problem.

Don't know much about the technical aspects (harmonic distortion, etc.), but I get a clean signal out with no problems.

I could go on and on. If you want to know more, let me know by E-Mail...

--- Ken ------------ --------------------------
Ken Watson	Internet: kwatson@puc.edu
Napa, CA	Amateur Radio: N6XVY
USA	
------------ --------------------------

1588. Re: UK Freqs - Central Sc

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 22:56:00 UTC
From: yong.so@almac.co.uk
Message-ID: <8A2F59C.044A00AD20.uuout@almac.co.uk>
Source record: 252490

KC+Notwithstanding the advice above, you may find frequency plans in Ham
+Radio Today magazine (Scanner section) from time to time. There are also
+LOTS of scanner books which give out detailed listings.

KC+Regards,

KC+Kwong Li, G0TOY

Hi Kwong

Where are you located???? I notice you have got a "G" amatuer call,
but your name seem to suggest that you may have Hong Kong or Chinese
orgin.

Are you operating on 40 or 80 m??? When (most likely)????. I will
listen out for you, if you give out your usual freq. and time.

I have been operating with GM call for 5 years now, and I have Korean
background. Would be nice to have a good QSO with you. Thanks..

73 de Yong

yong.so@almac.co.uk

* 1st 1.11 #5132 * What is meant to be will always find a way.

1589. ARRL e-mail directions- help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 23:08:06 UTC
From: jhschutt@figmnt.tayloru.edu
Message-ID: <1995Feb5.180806.1430@figmnt.tayloru.edu>
Source record: 252491

I have the e-mail address for the ARRL. I forgot how to request files from them. Can anyone e-mail directions to me? Mine were accidentally deleted. Thanks in advance.
jhschutt@tayloru.edu

1590. Re: HOAX against AmSoft

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 23:18:29 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3h3q8s$esm@newshost.lanl.gov>
Source record: 252492
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Mike,
As I posted to Bob Scott can we please let this go. The bandwidth
wasted on this debate could have posted the entire catalogs from
HRO or AES. Pete said he was just going to post in forsale from
now that should be good enough. 73 de Jerry

1591. Once again, the League shafts Hams (Was: Vanity call sign order)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 23:28:47 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3h3mvg$4pr@cat.cis.Brown.EDU>
Source record: 252493
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

```
>> Gate One will allow a previous holder of a call
>> sign to apply for that call sign or, where the holder is deceased, a
>> close relative could apply, even if he or she is not otherwise
>> eligible to hold the call sign.

Great. The League shafts amateurs again. Thanks to this gem, we now
end up with no-clue CBer's without HF access holding W and K-prefix 1x2
calls.

Utterly ridiculous. If you want a corpse's call, fine. But you should at
least hold an equivalent license class or above.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.
```

1592. Re: HOAX against AmSoft

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 23:31:44 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3h3n50$53c@cat.cis.Brown.EDU>
Source record: 252494
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

In article <3h3h4n$sev@grape.epix.net>, Pete deVolpi <amsoft@epix.net> wrote:

>Take a look at the LAST LOGIN DATE!
>(Last login Fri Jan 20 20:39 on ttyrc from sa-pm1.texas.net)
>So how is it that bob@texas.net has managed to post so many messages in
>the rec.radio.amateur.* usenets as bob@texas.net since Jan 20 and
>texas.net's finger has no record of it?

Boy Pete, you really are a newbie without a clue as to how the net
works or how networks in general function, aren't you? Your whole
posting had me laughing. I hope your programming skills are better than
your understanding of networks, for your company's sake.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1593. ANARTS RTTY NEWS BULLETIN 844 5/Feb/1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-05 23:48:20 UTC
From: dave@eram.esi.com.au
Message-ID: <3h3o44$3fs@eram.esi.com.au>
Source record: 252495
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 844 5/Feb/1995

Sunday Transmission Schedules.
3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC VK2CTD (Col)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (Alan)
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

OPERATOR(S) WANTED..... This is a personal appeal.....
==========
VK2BQS most probably will be closing down at the end of May 1995 due to a change of QTH...

The station may resume transmissions by the end of August but with a very limited antennae system, so after eight years of regular relay transmissions of the ANARTS NEWS ex VK2TTY, my service will cease. It in fact started on 1st March 1987 when I commenced a direct relay from VK2JPA in on 2 metres and out on 20 metres.

At times it has been very hard work, especially when equipment failures or disastrous weather conditions intervened, but it has been a period of great enjoyment and I have worked well over two hundred Cast viewers in that time, a few were itinerants who were just passing through, a number were casuals who I met years ago and still call in from time to time. A large number were sporadic, they appear regularly for a few weeks and then disappear only to return and again join in the call-backs. And there are the regulars who have turned up almost every week regardless of weather, sunspot cycles and I don't doubt the occasional irate XYL..

All of those who call-in or call-back to the cast do make a contribution to the operation, as the operators can gauge the efficiency or otherwise of their efforts to combat the variations which occur in propagation, antennae and equip-

ment; without an idea of the results achieved, we may not even be getting out of our own backyard hi.

And most importantly, it has been a friendly operation and I feel that I have many real friends throughout the area in which my signal has been reported, and that friendliness I will miss, so thanks to all of you who have been so very generous in human terms over the years...

It may seem early to be writing a farewell message, but the time is flying by, and although there is four months before the switch must be pulled (assuming plans do not gang awry) it is time to call for replacement volunteers. I am sure that there is a viewer, or perhaps two or three, who would be willing to take on the task as relay officer. It needn't be a Sydney resident and it is not necessarily imperative that it be a 20 metre operator. The Broadcast Officer will adjust the jobs to fit the toilers, so if you are at all interested, contact Pat, VK2JPA whose phone numbers etc are available elsewhere.

The only essential is a reliable means of communication with one of ANARTS officers, currently there are three of us who ensure that each relay station has the cast on disc before X-mit time. Our experience with VK6 where the Newscasts go out at the same time as do those in VK2, is evidence that it can be done. To provide VK6CW with the necessary data on or before time, we have used over the years ARQ, PACKET V ROSE, and Phone Modems, and way back, even direct from air retransmissions. At the present time we find Phone Modems and the ARQ are the most reliable...Pactor should be even better....

So please, anyone who feels they can help, contact Pat VK2JPA or Col (Pres.) VK2CTD so that early planning can be done.

Our coverage is from Tonga to the east, to Penang and Sourabaya to the west and includes New Guinea, Fiji, New Zealand, Noumea, and we even had a call from Benin once..... Within Australia it ranges within an area bounded by Hobart, Gawler, Perth, NW Cape Humpty Doo, Friday Island, Bowen, Gladstone, Brisbane, Sydney and Sale with dozens of places in between---- and you can't get bigger than that.....So be in it, with the sunspot cycle about to go on the upturn, it should become very rewarding...

73 to all and hope to hear from you... Jim VK2BQS.

FIRST ANNUAL ADRS WORLD-WIDE DIGITAL WPX CONTEST PART 3
4TH-5TH FEBRUARY 1995

LOW POWER SECTION: (SINGLE OPERATOR ONLY)

OUTPUT MUST NOT EXCEED 150 WATTS. YOU MUST INDICATE LOW
POWER ON THE SUMMARY.

AWARDS:

CERTIFICATES WILL BE AWARDED TO THE HIGHEST SCORING STATION
IN EACH CATEGORY LISTED UNDER SECTION IV OF THE RULES.

1. IN EVERY PARTICIPATING COUNTRY.

2. IN EACH CALL AREA OF THE U.S., CANADA, AUSTRALIA AND
JAPAN.

3. ALL SCORES WILL BE PUBLISHED. HOWEVER TO BE ELIGIBLE FOE
AN AWARD, A SINGLE OPERATOR STATION MUST SHOW A MINIMUM
OF 12 HOURS OF OPERATION . MULTI-OPERATOR STATIONS MUST
SHOW A MINIMUM OF 18 HOURS.
PLAQUES WILL BE AWARDED ONLY TO SERIOUS CONTEST EFFORTS.
DECISIONS OF THE CONTEST CHAIR ARE FINAL. A SINGLE LOG
IS ELIGIBLE FOR A SINGLE AWARD ONLY. IF A LOG CONTAINS
MORE THAN ONE BAND, IT WILL BE JUDGED AS AN ALL BAND
ENTRY, UNLESS SPECIFIED OTHERWISE.

To be continued : LOG INSTRUCTIONS NEXT WEEK

IPS WEEKLY REPORT
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27 JANUARY - 02 FEBRUARY

DATE OF ISSUE: 03 FEBRUARY 1995

INDICES:

DATE 27 28 29 30 31 01 02
10CM 88 83 85 86 87 87 86
A 4 3 24 29 23 11 (18 ESTIMATED)
T 32 30 27 -34 15 35 29

SOLAR ACTIVITY WAS LOW 30TH JANUARY AND 2ND FEBRUARY, AND VERY
LOW FOR THE REMAINDER OF THE PERIOD. THERE WERE TWO M1 CLASS
FLARES ON 1ST FEBRUARY.

THE GEOMAGNETIC FIELD AT LEARMONTH WAS QUIET 27TH-28TH, MOSTLY
ACTIVE TO MINOR STORM LEVELS ON 29TH-30TH, UNSETTLED TO ACTIVE
32ST JANUARY TO 2ND FEBRUARY.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PRE-
DICTED MONTHLY VALUES 27TH-28TH JANUARY, UP TO 20 PER CENT
ENHANCED TO 12UT 0N 29TH, 15-30 PER CENT DEPRESSED TO NEAR
PREDICTED LEVELS ON 30TH-31ST JANUARY. FREQUENCIES WERE
ENHANCED BY UP TO 30 PER CENT LATE ON 1ST FEBRUARY AND DURING
LOCAL NIGHT ON 2ND.

FORECAST (3 FEBRUARY - 9 FEBRUARY)

SOLAR: VERY LOW TO LOW

GEOMAGNETIC: QUIET TO UNSETTLED

IONOSPHERIC: MUFS SHOULD BE NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

VK2SG RTTY DX NOTES FOR WEEK ENDING 27 JAN 1995 (BID RTDX0127)

OUR INFORMATION THIS WEEK CAME FROM DJ3IW AND THE CENTRAL
EUROPE DX CLUSTER DB0SPC, DL5EBE, DK7UY, I5FLN AND THE IK5PWJ
PACKETCLUSTER, JF1MGI, N5UXT, SP4TTK, WB2CJL, W5KSI, ZS5S, AND
THE NJ0M NODE OF THE MINNESOTA DX PACKET CLUSTER NETWORK.

BANDPASS:

FRIDAY 20
0507-21079 3D2X
0526-14080 3D2XC
1319-14085 HA5AEK
1342-14090 GW3HUT
1447-14087 SV8CS
1509-14086 UX0KC
1541-14087 YO6OHB
1600-14083 VI0ANT
1924-14083 PZ1BS
1959-14084 FG5FI
2350-14081 HC6CR

SATURDAY 21
0805-14083 ZD7DP
O850-14073 JY9VC PACTOR
1323-14083 YO6OBH
1324-14089 GI0BQX
1327-14087 GM3KHH
1330-14082 SP50OP/P
1420-14082 8P6SA
1435-14087 TI2YO
1437-21083 9X5EE QSL VIA PA3DLM
1505-14086 UT4HZ
1506-14088 4X6UO
1525-14087 JW0I SEE NOTE
1553-21081 EA6BH
1601-14082 ZD7DP
1614-14084 9X5EE
1915-14086 TI2YO
2255-14086 PY7AJI

SUNDAY 22
0011-14070 AA6ZP/CE CQ IN AMTOR FEC FOR PACTOR OR G-TOR
0016-14082 VP8CKN

0206-14087 LU8EKC
0744-14084 ZD7DP
1048-14090 EY8WW
1139-14083 TA2II
1305-14086 S52GN
1306-14089 VK2RT
1336-14086 P43DWC
1348-14082 A41KT
1348-14086 VK5AJV
1401-14085 YI1BGD
1404-14083 WP4Q
1406-14087 4X6UO
1502-21084 EA9TQ
1505-14086 GI4WXA
1506-14090 UX0KX
1508-21082 LU8EKC
1513-14086 UT2IT
1514-14087 OE5KMN
1516-14084 CU3EM
1525-21088 3DA0CA QSL VIA W4DR. SEE NOTE
1540-21088 C31EM
1548-14089 9X5EE
1601-14084 FG5FI
1602-21088 CU3EM
1606-14089 GI0UJG
1621-14082 UX0KX
1622-14082 EA6BH
1623-14089 GI0UJG
1624-14088 PJ9JT QSL VIA W1AX
1624-14084 GU0SUP
1630-14084 TA2II
1637-14088 JW0I
1646-14088 OE5KMN
2302-14085 FG5GI
2213-14085 FM5GN
2301-14083 FG5FU
2332-14088 VP8CQH
2348-14085 AH6HH
2356-14086 WP4ISP
2357-14085 LU6DTS

MONDAY 23
0006-14083 V44KAI
1332-14083 UT2IZ
1528-14069 VU2DLX PACTOR
1537-14069 OD5PL PACTOR
2224-14086 ZP6CC

TUESDAY 24
1611-14083 WP4Q

WEDNESDAY 25
1148-14087 J20UTF AF-053
1326-21086 J20UFT
1530-21080 5T5MS
1541-14087 UY1YH
1604-14087 LX1TI
1707-14082 OD5PL
1714-14084 GI0WXA
2032-14085 KL7XD

THURSDAY 26
0331-14083 A71EY
1353-14084 A45XC
1358-14087 IT9PKO
1402-14083 UY1HY

NOTES OF INTEREST:

SVALBARD -OP. HENRY SP3ASN, OPERATING JW0I IS AT THE POLISH POLAR STATION-HORNSUND, ON SPITZBERGEN IN THE SVALBARD GROUP. QSL TO P.O. BOX 280115, 13441 BERLIN, GERMANY.

SWAZILAND - JON, 3DA0CA WILL SWITCH BANDS UPON REQUEST. NOTE HIS NEW QSL ROUTE, WHICH WAS EFFECTIVE 1 JANUARY.

SOUTH SHETLANDS - LOOK FOR DP1KGI, OPERATED BY DL7VTS, AT ARDLEY BASE ON ARDLEY ISL. (SOUTH SHETLANDS) NOW. HE HAS BEEN QRV ON CW AND SSB. FOR PACTOR/AMTOR CHECK 21076, 14076, 7036 KHZ (USB). FOR CW TRY 21050, 18080, 14050, 10120, 7015 AND 3515 KHZ. FOR SSB TRY 21280, 18120, 14280, 7075, AND 3789 KHZ. QSL VIA DL7VTS.

TUNISIA, 3V - A DELAYED REPORT SHOWS 3V8BB ON 14085 SPOTTED ON 18 JANUARY AT 1607Z. THERE HAVE BEEN NO REPORTS SINCE THEN. KYFC.

COMOROS, D6 - WOLFGANG, DK7UY WILL BE BACK ON ANOTHER HOLIDAY-DXPEDITION FROM GRAND COMORE ISL. FROM 3 FEBRUARY TO 24 FEBRUARY 1995. HIS QTH IS IN THE MOST NORTHERN PART OF THE ISLAND AFFORDING A GOOD TAKEOFF TO MOST PARTS OF THE WORLD. HE WILL BE RUNNING A TS-450S AT 100 WATTS TO A BUTTERNUT HF9VX VERTICAL, AND DIPOLES FOR 30, 40 AND 80 METERS. OPERATION WILL BE RTTY, CW AND SSB FROM 80 TO 10 METERS. CALLSIGN IS UNKNOWN AT THIS TIME AS IT WILL BE ISSUED UPON ARRIVAL. QSLS WILL GO OUT VIA THE BUREAU TO ALL IN THE LOG. THERE WILL BE NO DIRECT QSLING.

THE VK2SG RTTY DX NOTES ARE NOW AVAILABLE TO ALL HAMS ON INTERNET AT AB6Z.AMPR.ORG. THE DIRECTORY IS CALLED /RTTYNOTE. ACCESS IS VIA TELNET OR FTP. THANKS GO TO N5UXT FOR THIS SERVICE. INDIVIDUAL INTERNET DISTRIBUTIONS DISCONTINUED!!!

SEND YOUR BANDPASS AND NOTES OF INTEREST FOR NEXT WEEK'S BULLETIN TO BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA 73 de JULES.

Coming events

February 4th-5th ADRS WW RTTY WPX contest
11th-12th EA WW RTTY Contest
26th Central Coast Field Day at Wyong

WANT TO GET STARTED IN RTTY?

GORDON VK2AVU HAS SOME RTTY GEAR FOR DISPOSAL. IT CAN BE USED TO GET YOU UP ON AIR OR AS SPARES FOR YOUR OWN EQUIPMENT. GORDON HAS A SIEMENS 100 AND A TTY MODEL 32 WITH MANUALS, AND 10-12 ROLLS OF PAPER.

CONTACT GORDON MAXWELL VK2AVU QTHR

ALSO FOR DISPOSAL

VK2SG HAS SOME JUNK FOR DISPOSAL, STUFF THAT HE THINKS HE WILL NEVER NEED AGAIN, ITS YOURS FOR THE COLLECTION. THINGS LIKE TRANSFORMERS 385/385 VOLTS, MOTORS FOR PRINTERS, THAT CAN BE USED FOR OTHER THINGS, TUNING CONDENSERS, BOXES OF ELECTROLYT-ICS, ETC ETC ETC. IF YOU CAN USE IT, COME AND GET IT. ALSO HAS PRINTERS LIKE SAGEMS MODIFIED FOR 45/50 AND 75 BAUDS, SIEMEN SET FOR 45 BAUDS WITH PAPER WIND UP MOTOR.

HE ALSO HAS A TELEREADER WITH POWER SUPPLY WHICH DOES CW/RTTY (VARIOUS BAUD RATES), ASCII AND HAS BEEN MODIFIED FOR AMTOR, ALL PAPERWORK AND HANDBOOKS INCLUDED PLUS A SPARE MK2 AMTOR BOARD, NEGOTIABLE PRICE ... THERE ARE ALSO OTHER BITS OF JUNK AS WELL, EVEN VALVES.

SOME RADIO CLUB MAY BE INTERESTED.

DE SYD VK2SG QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President(Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB. Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-

ward to news from your areas to let other amateurs know what
you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes the A.N.A.R.T.S. News 844 5th Feb 1995.

Inserted by VK2BQS (Jim), Vice President ANARTS.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1594. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 00:00:43 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3JxD7.JzK@news.hawaii.edu>
Source record: 252496

In article <3grbrb$eqc@abyss.West.Sun.COM> myers@Cypress.West.Sun.Com writes:

>Gee, Jeff, I guess the effort required to tune a RTTY system on the
>correct frequency, run the correct data level, and figure out which
>data speed, shift and encoding (ASCII vs Baudot) are in use count for
>0.

Hi Dana: I worked RTTY for years in the Coast Guard and found no challenge in it. And it was effortless to train new ops - a set of step-by-step instructions was all they needed. It really didn't require any skill other than a minimal reading comprehension. Please don't try to equate or even compare the skill required to work CW with RTTY. Also, keep in mind that we had it a lot rougher than today's hams do - our equipment were dinosaurs (used Navy TTY gear) compared to today's plug-and-play rigs.

This is not meant to be condescending towards those who choose to work with RTTY equipment; in fact the simplicity of communicating with it might be why some are attracted to it. What I'm discussing is the effort required to run the equipment, not the intellect of the person sitting in front of it.

>As for satellite, I suppose the ability to determine the correct
>uplink and downlink frequencies, correct for inverted passbands,
>correct and track Doppler shift, and verify the correct power level
>is in use counts for 0.

Dead easy. We come into this hobby with the ability to read. No other skill is needed to do satellite work.

>Then comes microwave. Since most of the microwave enthusiasts I've
>talked to have to build most of their gear, either from surplus
>pieces or entirely from scratch, you can't discount the skill
>required to build equipment.

Now Dana, my original statement centered on *operating* the above stated modes. I specifically excluded the skill necessary to construct the equipment. How could you have missed that?

You know my feelings about the lack of building expertise among the ham community today. Recall the simple transmitter circuits I posted over on .homebrew a year or two ago trying to encourage folks to get interested in picking up a soldering iron. Your response to those projects was entirely negative (the circuits were late 60's designs but modern-day transistors could easily be substituted for those that were unavailable).

Oh, here's what I said about building:

>>Note that I am not discussing the skill required to build equipment
>>for said modes. But so few hams build their own gear today that I shouldn't
>>even have to add that disclaimer.

>The bottom line is this: naively denigrating operators of modes other
>than CW does nothing, nothing at all, to point out any advantages of
>CW. The assertion "CW is the only mode that requires skill" suggests
>the speaker has not operated RTTY, satellite or microwave at all, and
>therefore brings into question the validity of the original assertion.

Some folks are attracted to easy-to-operate modes that require little
skill. You're concluding that I feel this attraction says something
about the person. That was not my intention, but as usual you try to
attribute some obscure negative connotation to my statements.

Go have a beer.

>I'm not certain how denigrating other radio amateurs helps build
>up the amateur radio service, anyway.

Huh? Denigrating other hams? How did you distill that from what
I said? Forget the beer, go eat some prunes instead!

Jeff NH6IL

1595. uk.radio.amateur FAQ - where to find it

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 00:27:19 UTC
From: Paul@topsy.demon.co.uk
Message-ID: <792030439snz@topsy.demon.co.uk>
Source record: 252497
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

The FAQ for uk.radio.amateur is currently too large to be (sensibly) posted
to usenet. It lives at its ftp archive ....

Site: ftp.demon.co.uk
File: /pub/ham/uk-radio-amateur-faq
Format: plain text

or

Site: ftp.demon.co.uk
File: /pub/ham/uk-radio-amateur-faq.zip
Format: PKzip 2.04g compressed version of text-formatted file

The FAQ addresses all common queries in uk.radio.amateur concerning amateur
radio in the UK *including* "Is the RSGB on Internet?" and "How do I apply
for a recipricol licence?"

If you have difficulty with FTP then mail me.

73
Paul G1PJJ

--

Paul Turvey | paul@topsy.demon.co.uk
| Amprnet: paul@g1pjj.ampr.org
| AX25: <temp. qrt>

1596. Antenna Suggestions? (ICOM 2700/Larsen Antenna)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 00:43:47 UTC
From: hdshrinkkr@aol.com
Message-ID: <3h3rc3$398@newsbf02.news.aol.com>
Source record: 252498

I currently have a ICOM IC-2700H installed in my 1994 Volvo 850 Wagon. I had a Larsen glass mount antenna installed on the front windshield and was reasonably pleased with the reception. My one problem was the antenna keeps becoming "unglued" from the glass whenver the outside tempeture drops below 32. I am now considering biting the bullet and drilling a hole for a roof mount antenna.

First, I am looking for suggestions on type, mounting location, manfactuer, etc.
Second I was hoping someone may have already installed this antenna and overcome the problem with the cold, how about it, anyone?

Third, the windshield glass as well as the side windows have a series of black dots at the border of the glass, will these interfere with the use of a glass mount antenna, and if so, how much?

Fourth, what would be the best setup to use, i.e. best antenna, best mounting type, etc.

Thanks for your time in reading this,
Bruce

****
"How do you tell a Communist? Well, it's someone who reads Marx and Lenin. And how do you tell an anti-Communist? It's someone who understands Marx and Lenin."
-Ronald Reagan, Arlington, Virginna, September 25, 1987

Bruce J. Howes
HdShrinkkr@aol.com
bhowes@cerf.net.com
****

1597. WTD: Beacon Controller Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 00:55:40 UTC
From: rbellville@aol.com
Message-ID: <3h3s2c$3qu@newsbf02.news.aol.com>
Source record: 252499

Does anyone have any plans for a beacon controller? I'd like to set up a 6M beacon since I have an extra CW rig. I'd like to hear from others who have a beacon up and running.

THANKS!
Rob Bellville, N1NTE rbellville@aol.com
+---+
| PO Box 515, Millbury, MA 01527-0515 |
| ***** |
| Computer Education and Technology Consultant |
| Two-way Radio and Computer Technical Engineer |
| "... I fix broken stuff." |
+---+

1598. 1750 Meter info...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 00:56:18 UTC
From: rbellville@aol.com
Message-ID: <3h3s3i$3sb@newsbf02.news.aol.com>
Source record: 252500

Are there any 1750 M newsgroups or mailing lists? I'd also like to hear from any 1750 M enthusiasts.

THANKS!
Rob Bellville, N1NTE rbellville@aol.com
+--+
| PO Box 515, Millbury, MA 01527-0515 |
| ***** |
| Computer Education and Technology Consultant |
| Two-way Radio and Computer Technical Engineer |
| "... I fix broken stuff." |
+--+

1599. Re: Repeater Directory online/CD-ROM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 01:03:42 UTC
From: pergrim@aol.com
Message-ID: <3h3she$48a@newsbf02.news.aol.com>
Source record: 252501

In response to your questions about repeater CDROMs:

PerCon Corp , currently known for its FCC Frequency Databases & Spectrum, will release a CDROM Ham Callsign Database and Open Repeater Database in March. This product will be DOS,WINDOWS and MAC.The price will be $19.95 for both databases on a single CDROM. PerCon is also working on a series of AVIATION related databases. These are AIRCRAFT REGISTRATIONS, AIRMEN LICENSES, and SDR (Service Difficulty Reports) all on a single CDROM for $49.95. Others will follow soon afterwards.

For more info ,call or fax:
Chuck Pergrim
PerCon Corp
(716) 386-6015
(716) 386-6013 Fax
or write
PerCon Corp
4906 Maple Springs/Ellery Rd.
Bemus Point, NY 14712

1600. Autopatch for 2m?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 02:11:06 UTC
From: calhoun@tahoma.cwu.edu
Message-ID: <3h40fq$h04@tahoma.cwu.edu>
Source record: 252502

I'm interested in getting an autopatch for my 2m radios. What is a good
and inexpensive option? Thanks,
dave

--

Dave Calhoun | Audiophile nut | HAM LIC.
Central Washington University | Landcruiser nut | KC7HPT
Email: Calhoun@tahoma.cwu.edu | Satellite nut | "KC7HPT CLEAR"
Email: DTPDAVE@AOL.COM | Camping nut |

1601. current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 03:17:34 UTC
From: hmarcelo@freenet.columbus.oh.us
Message-ID: <3h44ce$e3g@acme.freenet.columbus.oh.us>
Source record: 252504

here's a simple question with wich i keep getting conflicting answers to:
does electricity flow from positive to negative, or vice versa

1602. Dan's Atari Lynxlist! (trade, sell & buy games & accessories)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 03:42:37 UTC
From: SA073@getty.onu.edu
Message-ID: <SA073.285.2F359AAD@getty.onu.edu>
Source record: 252506

Games are listed in all capital letters, to distinguish them more easily from names and addresses. There are 3 simple things to remember when listing your games. $ means for sale, = means for trade, and ! means wanted. For example, if I wanted to sell Joust, I would write it like this in my list: $JOUST$, and if I wanted to trade joust, it would be =JOUST=, but if I wanted the game, and did not have it, I would write it at the end of my list, !JOUST!. In fact, please put all of the games you have for sale, for trade, and the games you want at the end of your list. It will make it easier for everyone to find, and also for me to change as games are sold, traded, and bought. Also, if you happen to have a game you would either trade or sell, instead of writing it twice, just write it once and put both marks around it, with your preference closer to the name of the game. For instance, if you wanted to sell, but would also trade, you would write it as =$JOUST$=, and if you would rather trade, but might sell, you would write it as $=JOUST=$. I hope this simplifies the list a little bit.
In each case, the games are located below the name and address of the person who has or wants them. Keep in mind that a person may sell a game that is for trade, if you offer enough. Or they may trade for a game other than the one they wanted, if you can work out a deal with them. Feel free to include any games you own or other info in this list.

ADDRESS NAME

mrhappy@netcom.com ? Wong

jim!mike@uustar.starnet.net Mike ?

atariman@aol.com ?
LYNX II: CALIFORNIA GAMES, STUN RUNNER, SHADOW OF THE BEAST, CHECKERED FLAG, CHIP'S CHALLENGE, BATTLE WHEELS, LYNX CASINO, BATMAN RETURNS

mindbomb_bbs@delphi.com Andy ?
LYNX I: SHANGHAI, DRACULA, LEMMINGS, PINBALL JAM, CHECKERED FLAG, KLAX, WARBIRDS, CHIP'S CHALLENGE, =CAL. GAMES=, =MS. PAC-MAN=, =HARD DRIVIN'=, =AWESOME GOLF=, =BATTLE WHEELS=, =STUN RUNNER=

kkimes@npvsrv2.napervilleil.ncr.com ?
LYNX I: 15 GAMES

schwarzm@cs.ucdavis.edu ?
LYNX II: 12 GAMES

aspect@cats.ucsc.edu Chris ?

lestrade@ra.msstate.edu Sean ?
LYNX I

lbanack@darcy.geology.ualberta.ca Leroy Banack

rbarbaga@cs.uml.edu Ralph Barbagallo
LYNX I, LYNX II

barrett@kodak.com Chris Barrett

ad503@detroit.freenet.org Edward Barrett
LYNX II: A.P.B., BLOCKOUT, CHECKERED FLAG, DRACULA, GATES OF ZENDOCON, GAUNTLET 3, LEMMINGS, PINBALL JAM, SHADOW OF THE BEAST, STEEL TALONS, STUN RUNNER, WORLD CLASS SOCCER, ZARLOR MERCENARY, =PITFIGHTER=, !CHECKERED FLAG!, !ISHIDO!, !XENOPHOBE!

Rbatina@infinet.com Robert Batina
LYNX II: CHIP'S CHALLENGE, TOURNAMENT GOLF, CALIFORNIA GAMES, BLUE LIGHTNING, BASEBALL HEROES, PINBALL JAM, HOCKEY, =ELECTROCOP=, =TOURNAMENT CYBERBALL=, =QIX=, !LEMMINGS!, !LYNX CASINO!, !PAC-LAND!

b3j+@andrew.cmu.edu Paul Bordallo

adb@albert.bu.edu Adam Bryant

rene@dvorak.amd.com Louis Castro

jchapel@csugrad.cs.vt.edu Joshua Chapel

mconst@soda.csua.berkeley.edu Michael Constant
LYNX II: BATTLEWHEELS, CALIFORNIA GAMES

jcranmer@lynx.dac.neu.edu Jaimison Cranmer

ah499@cleveland.freenet.edu John Daniels
=ULTIMATE CHESS CHALLENGE=, !DESERT STRIKE!

dimick@cs.wisc.edu Marcus Dimick

tdrake1@gl.umbc.edu Thomas Drake

rene@dvorak.amd.com Rene Dvorak
LYNX II: 22 GAMES

economous@mnsinc.com Ari Economou

gianouko@acs.bu.edu Arthur Gianoukos

jeff_glasson@next.com Jeff Glasson

ujmg88pf@mcl.mcl.ucsb.edu Juan Gonzalez

andrew@minster.york.ac.uk Andrew Hague

hayosh@vnet.ibm.com Robert Hayosh

csjjh@eiu.edu Jonathan Hunt
!BLUE LIGHTNING!, !CHECKERED FLAG!

huber@tribe.enet.dec.com Joe Huber
LYNX II: APB, KLAX, PACLAND, QIX, TOURNAMENT CYBERBALL, !JOUST!, !MS. PAC-

MAN!, !XYBOTS!, !LEMMINGS!, !BLOCKOUT!, !ISHIDO!, !RAMPART!, !PAPERBOY!,
!SHANGHAI!

almo@uwyo.edu Ethan Larson
LYNX II: WARBIRDS, JOUST, CHECKERED FLAG, RAMPART, ROBOTRON, XENOPHOBE,
!KLAX! NOTE: BUYING OTHER TITLES FOR $10 + SHIPPING

aa338@cleveland.freenet.edu Mark Leair

love@qns.com Kenneth Love

malay@reston.unisysgsg.com Bob Malay

marsh@anvil.nrl.navy.mil Steve Marsh
2 LYNX II SYSTEMS, XYBOTS, WARBIRDS, CHECKERED FLAG, SLIME WORLD,
JOUST, RAMPAGE, RAMPART, SHANGHAI, BILL & TED, ZARLOR
MERCENARY, AWESOME GOLF, BLUE LIGHTNING, ROADBLASTERS,
PINBALL JAM, ROBOTRON 2084, KUNG FOOD, A.P.B., CRYSTAL
MINES II, CHIP'S CHALLENGE, LEMMINGS, HYDRA, TURBO SUB, STEEL TALONS, STUN
RUNNER, =HARD DRIVIN'=, =SCRAPYARD DOG=, =MS. PACMAN=, =NINJA GAIDEN=
=BATTLEWHEELS=, =BATMAN RETURNS=, !DESERT STRIKE!, !PAPERBOY!, !QIX!,
!SHADOW OF THE BEAST!, !ISHIDO!

bmcdona@bgnet.bgsu.edu Brody McDonald
!LYNX II!, !COMLYNX CABLE!, !CARRYING CASE!, !GAMES!

karenm6327@aol.com Karen Middaugh
2 LYNX I SYSTEMS, CALIFORNIA GAMES(2), RAMPAGE, SHANGHAI, HOCKEY, LYNX CASINO,
CHECKERED FLAG, KLAX, CHIP'S CHALLENGE, XENOPHOBE, TOURNAMENT CYBERBALL,
ROBOTRON 2084, =SLIME WORLD=, =BLUE LIGHTNING=, =ELECTROCOP=, =ROADBLASTERS=,
=VIKING CHILD=, =AWESOME GOLF=, !JOUST!, !LEMMINGS!, !PINBALL JAM!, !MS. PAC-
MAN!, !HARD DRIVIN'!, !STEEL TALONS!

naus@xi.cs.fsu.edu James Naus

markn@jsb.co.uk Mark Nias
BLUE LIGHTNING, PINBALL JAM, CALIFORNIA GAMES, RAMPAGE, AWESOME GOLF, TODD'S
ADVENTURES IN SLIME WORLD, CHECKERED FLAG, ROAD BLASTERS, VIKING CHILD, KLAX,
CHIP'S CHALLENGE, STEEL TALONS

ange@hplb.hpl.hp.com Andy Norman
1 LYNX I, 3 LYNX II: 4 BATTLEWHEELS, 3 CHECKERED FLAG, 4 XENOPHOBE, 3 SLIME
WORLD, 3 WARBIRDS, 2 CALIFORNIA GAMES, GATES OF ZENDOCON, 2 KLAX, 2 ROBO-
SQUASH, SHADOW OF THE BEAST, STEEL TALONS, STUN RUNNER, ZARLOR MERCENARY,
APB

jonin@netcom.com Daniel Oak

rosborn@en.ecn.purdue.edu Ryan Osborn
LYNX I: WARBIRDS, GATES OF ZENDOCON, SCRAPYARD DOG, STEEL TALONS, XENOPHOBE,
CHIP'S CHALLENGE, SLIME WORLD, AWESOME GOLF, KLAX, ROBOTRON 2084, BILL & TED,
ISHIDO, ELECTROCOP, BLUE LIGHTNING, CHECKERED FLAG, MS. PAC-MAN, TOKI, STUN
RUNNER, RAMPART, SHADOW OF THE BEAST, ROADBLASTERS, CALIFORNIA GAMES,
HARD DRIVIN', =BASEBALL HEROES=, =RYGAR=,

osserman@ocf.berkeley.edu Brian Osserman

pjosephpau1@vaxc.hofstra.edu Patrick Pauline

wesleyp@wam.umd.edu Wesley Potter

eriechel@burner.com Ed Riechelson
!ANYTHING!

seward@greatwall.cctt.com Vern Seward
2 LYNX SYSTEMS

oz@ozzy.demon.co.uk Brian Skreeg
LYNX II

davegan@panix.com Dave Stein

aa399@cleveland.freenet.edu Len Stys

taylor@stsci.edu Patrick Taylor
CALIFORNIA GAMES, J.C. TENNIS, CHIP'S CHALLENGE, ROBOTRON 2084, STUN RUNNER,
CHECKERED FLAG, =STEEL TALONS=

btribble@ocf.berkeley.edu Bob Tribble

bveenker@connectus.com Brian Veenker

tanatoes@netcom.com Andrew Wheat

whitema@cig.mot.com Michael White
BATTLEWHEELS, XENOPHOBE, $=NFL FOOTBALL=$

chinatom@clark.net Jesse Wiens
STUN RUNNER, CALIFORNIA GAMES, BLUE LIGHTNING, WARBIRDS, =BATMAN RETURNS=,
!BATTLE WHEELS!, !DRACULA!, !CHECKERED FLAG!, !SHANGHAI!

sean@gordian.com Sean Williams

d-woodard@onu.edu Dan Woodard
CRYSTAL MINES II, DRACULA THE UNDEAD, TODD'S ADVENTURES IN SLIME WORLD,
XYBOTS, APB, !LYNX II!

woodcock@bnr.ca Gregg Woodcock
$=QIX=$, $=DOUBLE DRAGON=$, !ANYTHING!, !LYNX I!

zbytes@interaccess.com William Zandrew

There are now 61 Atari Lynx owners in this list. If you are one of the
first few people without a name, or with part of your name missing, please
take the time to e-mail me so that I can fill in the missing information.
Also, if you want to include any other information, feel free to do so.
I have been thinking of adding something to the end of this list. Perhaps
some type of game review would be useful? I have only played about 10 of
the almost 80 games available for the Lynx. Although I think that Nick's
game ratings are helpful, they do not give a good overview of the reviewed
games. I was thinking about adding some type of overview at the end of the
Lynxlist. I'm not sure what to call it, but that's what it would be about

anyway. Some of you could do quite a few reviews, it looks like. So, do any of you like this idea? The review could focus on 1 or 2 games. You would have your name attached at the bottom of your review, of course. I think I would put Nick's game rating of the game at the top, and then follow that with the review(s) of the game(s). Reviews should be about a paragraph, and tell specifically what you liked or did not like about the game, it's replay value, sound, etc. If enough people write back and think this would be a good idea, I'll incorporate it into the posting of this list.
Hope you enjoyed everything, and I hope you find this list useful. If you sell a game or anything, let me know so I can update the list.

Dan Woodard

1603. Reply...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 03:45:27 UTC
From: wiz@net-works.com
Message-ID: <02051995.194527@net-works.com>
Source record: 252505

Re: Hi Danny

Hey there Royce..yea I am around a little here..Say next time ur in tell Dave (KJ5XV) that You made a contact on Freddie's BBS, may take a while but he will eventually make the connection....Tnx for the reply, and 73

1604. 2meter DXCC guest on 2/12/95 radio show.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 04:26:15 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.337.001570A0@indirect.com>
Source record: 252507

Dave Blaschke, W5UN, will be the guest on Sunday's Ham Radio & More
Show at 6:00pm EST. Dave is the first to get DXCC on 2meters, using,
of course, EME, moonbounce. Dave's antenna array is unbelievable, as
is the radiated power he puts out. If you want to know more about
moonbounce, or how to get DXCC on the 2meter band, don't miss this
show!
73, Len, KB7LPW
more info at our home page, courtesy of the Boston Amateur Radio Club.
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

1605. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 04:26:47 UTC
From: gfiber@halcyon.com
Message-ID: <3h48e7$5fi@news.halcyon.com>
Source record: 252508

In article <3h0ckk$i74@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) says:
>
>Gary P. Fiber (gfiber@halcyon.com) wrote:
>: As for fire, the fuse does not do much good at the radio end. A good
>: installiation will have a big fuse right at the battery in the event the
>: positive radio lead gets groinded.
> ^^^^^^^^
>
>This is a very informative discussion, and I don't want to side track
>it with humor, but the above sounds like it could be awfully painful!
>Think I'll quit laying my microphone in my lap while driving...
>
>Greg
>
Greg,

It appears not to have come out the way I ment it to. I always place a 60 amp fuse
right at the attach point to the battery of the radio positive lead. I also
leave the regular radio fuses intact. So the positive lead itself is fused with a
60 amp fuse in the event it gets grounded to the vehicle body. Most
automobile batteries can supply up to 400 amps of current at any time.
This can weld two pieces of metal together or start a nice fire in the auto.
The radio is still fused by the correct size of fuse the manufacturer requires.

Gary

1606. Re: T-Hunt Mailing List????

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 04:32:25 UTC
From: homingin@aol.com
Message-ID: <3h48op$936@newsbf02.news.aol.com>
Source record: 252509

Yes, there is a T-hunt mailing list. It's called fox-list and is maintained by the Boston Amateur Radio Club. Subscribe in the usual manner, a message to listserv@netcom.com with one-line text "subscribe fox-list" (without the quote marks). Nothing is needed on the subject line. More infor in Homing In column in February 1995 issue of 73 Magazine.

Joe Moell K0OV
HomingIn@aol.com

1607. Database for vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 05:16:01 UTC
From: tigger@prairienet.org
Message-ID: <3h4bah$s5b@vixen.cso.uiuc.edu>
Source record: 252510

Hiya-

I'm considering getting a new call thru the vanity call program. My question is basic: How do I know what calls are available? Surely there must be a better option than going thru the callbook manually and seeing what is and isn't listed.

Also, any idea on how the application process will work? Supposing I want W9XYZ, and somebody else's request for it gets honored first. Will I get bounced to the end of the list, or will I be allowed to list several calls I'd like in order of preference, and they give me the first one that's available?

Thanks for any info. 73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/285 cfmd
Updated: 4 Feb 1995 Latest New One: ZL9GD
Support congressional funding for Public Broadcasting!

1608. Wanted: MOD for Alinco DJ180

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 05:49:43 UTC
From: Ivan.Drzanic@gbcon.g-box.fido.hr
Message-ID: <d4a_9311282203@g-box.fido.hr>
Source record: 252511

Hello,

I'm interested for any MOD for Alinco DJ-180.

Thanks in advance.

73 de Ivan, 9A2GB.

--
| Fidonet: Ivan Drzanic 2:381/102.100
| Internet: Ivan.Drzanic@gbcon.g-box.fido.hr
| Standard disclaimer: The views of this user are strictly his own.

1609. Grove e-mail

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 08:41:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F35E116@smtp>
Source record: 252512

Does anyone know if Grove enterprises has an e-mail address or fax number? I am interested in buying the new edition of Communications satellites (I have the 3rd from) 87 and need to ask them about it.
Thanks for your help,
Peter, KC1QF
pve@dg13.cec.be

1610. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 10:36:49 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.215.000A9D6F@cornell.edu>
Source record: 252437

>Welp, here's another fine example of what lowering standards in the
>hobby has given us. This guy deserves to go to jail. We can't have
>idiots like this out on the bands. Maybe he could volunteer to be a
>poster boy for genetic engineering.

Yoe egotistical elitist anal-retentave moron. (read asshole) How dare you disparage those of us who for reasons being none of your business select to become no-code tech Hams? I will match my radio and electronic skills against yours any day. I choose to be a no-code tech because a hearing problem prevents me being able to sort out code. Does that mean in your world I shouldn't have a license? Being an idiot like the person you posted about has nothing to do with the class of his license if he even had one. What is your excuse?
Carl KB2SGX (ex-jarhead) Semper Fi
"To those who fought for it, freedom has a flavor
the protected will never know"
unknown Marine; Khe Sahn, Viet Nam

1611. Re: TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 10:49:22 UTC
From: bvl@cyberspace.com
Message-ID: <3h4uri$5l0@case.cyberspace.com>
Source record: 252514
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Seems this guy may be fishing for something else.

I sent him a reply and heard nothing back. Corse, was not
too helpful either.

One thing odd, wondering why this kind of message came out
of a mot (motorola???) site....

1612. New Zealand Operation.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 10:49:42 UTC
From: walker_cm@ix.wcc.govt.nz
Message-ID: <3h4us6$psp@golem.wcc.govt.nz>
Source record: 252515

Short term licence/operating information for Visitors to New Zealand adapted from information published by NZART.

Any overseas amateur visiting New Zealand may be permitted to operate while visiting this Country, under the following conditions:

1. Operation is confined to amateur bands above 144 MHz.
2. No application need be made to the Ministry of Commerce.
3. No fee is charged.
4. For a period of not more than four weeks.
5. They should be able, if necessary, to satisfy the Ministry of Commerce, Radio Operations division that they hold a current licence and/or certificate equivalent to the N.Z. Limited or General qualifications, valid for the term of their visit.
6. A copy of their current licence and/or certificate must be carried whilst in N.Z.
7. Usage meets the requirements of the N.Z. Radio Regulations 1987, and conforms to the terms, conditions and restrictions applying to amateur apparatus operating in N.Z.
8. They operate using their home callsign prefixed by ZL1,2,3,4 as appropriate.

NOTE - HF Operation: Visiting amateur radio operators from countries not having formal reciprocal agreements with New Zealand, may also operate HF bands up to twelve months. A permit is necessary from the Ministry of Commerce, Radio Operations division. Application and requirement information is available from the Reciprocal Licensing Bureau.
A two-month lead time is normally required by the Ministry of Commerce to consider your application.

Intending visitors requiring information can do so from:

NZART Reciprocal Licensing Bureau
Russ Garlick ZL3AAA
23 Lydia Street
Greymouth
New Zealand 7801

Visitors are advised to obtain a copy of the NZART Callbook which contains amateur frequencies, band plans, repeater locations, and branch (club) information etc.
N.B. Since publication of the 1994 edition, The Radio Frequency Service (RFS) has been re-named. It's now Ministry Of Commerce - Radio Operations.

The Callbook's available from:

NZART General Secretary
PO Box 40-525
Upper Hutt
NEW ZEALAND

Phone +64 4 528-2170 (Mon-Fri, 2100-0400 UTC)
FAX +64 4 528-2170 (24 Hrs, 7 Days)

(I think it's about NZ$18...Cliff)

Brief note about VHF/UHF in N.Z. Our 2 metre band covers 144-148MHz with repeaters above 147.000 having a +600 kHz split, and 147.000 and below, a -600kHz split. Channel spacing is 25 kHz.
No access tone is required, but a pause of (say) three seconds between overs is customary to give other users access.

Our 70cm repeater band covers 430-440 MHz with repeaters having an offset of -5MHz, the exceptions are some national system access repeaters which have a +5MHz offset and have no tail. Channel spacing is 25 kHz.

The National System comprises a number of inter-linked 70cm repeaters and gives you access to many parts of N.Z. from most major cities and towns - with your handheld or mobile. Great when you're travelling!

That's it from me...If you want more....

email:- walker_cm@kosmos.wcc.govt.nz
packet:- ZL2ALY@ZL2WA#63.NZL.OC

Cliff Walker (ZL2ALY) Wellington, New Zealand.

1613. GB2ATG (February 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 11:29:00 UTC
From: IKENDALL@UNIVERSITY-OF-HUMBERSIDE.AC.UK
Message-ID: <199502061243.FAA27605@news.primenet.com>
Source record: 252513
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

BARTG * GB2ATG * NEWS * BARTG * NEWS * GB2ATG * BARTG
This is the - British Amateur Radio Teledata Group - News Broadcast Service
for all Amateurs and Short Wave Listeners interested in RTTY Amtor, Pactor
and Packet Radio.

This news is broadcast during the first full week commencing Monday each
month, to the following schedule..

Evening transmissions at 20:00 U.K. local time on 3.584 MHz. Mark.
RTTY on Monday-AFSK, Wednesday-AFSK and Friday-FSK.
Pactor-FEC on Tuesday.
Amtor-FEC on Thursday and Saturday.

Morning transmission at 10:00 U.K. local time on 7.041 MHz. Mark.
RTTY on Sunday-FSK.

Both frequencies could be +/- for QRM.

An edited version of this bulletin is available on the Packet network as a
BARTG at GBR. file thanks to: Andy (G3ZYP) BARTG Publicity Officer at
GB7MXM.#36.GBR.EU.

It is also posted on the "INTERNET" system via the INFO-HAMS list on UCSD.EDU.
thanks to Iain (G6ARO) who is available on the "JANET" network as
Iain@HUMBER.AC.UK

News for February 1995. Bulletin No. 026.

BARTG Information.
GB2ATG News Broadcasts.
Please note the change of band for the Sunday morning broadcast.
The Sunday morning transmission is moving to 3.595 MHz. Until conditions on
7 MHz. improve.

RTTY DX Activity. (All times are GMT.)
14 MHz.
VP8CQJ, SU1MB and ZD8DX 0800,
EL2BN/OD, ZD7DP CE8SFG, ZL2RN, JJ2LPV, ZL3ATT and FK8GM 0830,
JD1AMA and VK2BQS 0900, EA6BH 0930, PY2BX 1000,
RA2FB, YV5BXS, T77T, AP2GA and EA8PDT 1100, PJ2MI 1130,
VP29EI and A41LS 1200, YO3CDN and EY8MM 1230, W5RRK and CO2KG 1300,
JW0I and V85GA 1330, SV2ASP/A, DU1HCX, 9H1FA, KP4BJD, A45XC, Z21HD,
EA8/ON8RI and VO1VT 1400, HK3CAA/6, J68BU, VK6GOM, TA2II, YI1BGD,
XE1SRF, LX1DA, LX1TI and EA6PZ 1430,
HS0ZAA, J20UFT, EA6ABO, 4X6UO, VE3WT and VP8CIL 1500,
VP8CKN, A45ZX, A71CW and FG4FI 1530, 9X5EE, CU3EM, C91A, 1600,

9G1BS and J28JJ 1630, WP4Q, VE6JO and AC0M (in SD for WAS) 1700,
FG5FT 1800

14 MHz. Pactor CT3AR 1530. EA8BUY 1600.

During the ARRL RTTY Roundup 7/8 Jan. the following prefixes were workable
from the UK:

3.5 MHz.
DL, EA, F, G, GM, GW, HA, HB9, HH, I, LA, LX, LY, OH, OK, OM, ON,
PA, RU3, RK9, S5, SM, SP, SV, TA2, UT, UX, VE2, VE3, W1, W2, W3, W4,
W5, W0, YL, YU.

7 MHz.
DL, EA, G, GM, GW, HH, I, LA, LZ, OH, OZ, PA, RK9, S5, SM, SP, UT,
VY2, W3, YU, YW, ZL3.

14 MHz.
4X, A4, DL, EA, EA8, ER, GM, HA, HB9, I, J6, KP2, KP4, LA. LY, LZ,
OE, OH, OK, OM, OZ, RK9, RW3, S5, SM, SP, SV, UN, UR, UT, UX, VE3,
VE6, VI0, VP5, VY2, W1, W2, W3, W4, W5, W6, W7, W8, W9, W0, YL, YU,
YV. PLUS IJ7 (IOTA EU-73).

21 MHz.
DL, ER, I, LA, OZ, PW, RK9, RW3, SM, SP, SU, SV, TA2, UN, UT, V3,
VK6, W1, W2, W3, W4, W5.

QSL Information.
VP29EI via I5JHW. EY8MM via DL8WN. J68BU via WA9AKT. J28JJ via F6HGO.
SV2ASP/A CBA. HS0ZAA via KM1R. VP8CQJ via G8XFT.
J20UFT via ARAD Radio Club, Box 1076, Djibouti. JD1AMA CBA.
JW0I to Henry, Box 280115, Berlin 13441, Germany.
YO3CDN via YO3FRI. Box 18-130, Bucharest 71500, Romania.
9X5EE via PA3DLM. Tiny Mahoney Bockstael, Josef Haydnstr 17,
NL-4536 BT Terneuzen, Holland.
A71CW to Chris Dabrowski. Box 22101, Doha, Qatar, Arabian Gulf.

Contests.
The BARTG HF RTTY Contest starts 0200 saturday March 18 until
0200 Monday March 20.
Single Operator and SWL stations permitted a maximum 30 hours operating time.
Rest periods in blocks not less than 3 hours.
Multi-Operator stations may work the full 48 hour contest period.

Categories:
1. Single Operator All Band.
2. Single operator Single Band.
3. Multi-Operator All Band.
4. Multi-Operator Multi-Transmitter.
5. Short wave Listener.

Categories 1, 2 and 3 are Single Transmitter only. No station may enter more
than one category.

Bands:
3.5, 7.0, 14, 21 and 28 MHz. amateur bands.

Message.
The exchange message will consist of:
(A) RST/message number. The number must be a three figure group and start with 001 for the first contact made.
(B) Time GMT. A full four figure GMT time must be sent as part of each message.

QSO Points:
Each completed QSO scores one (1) point. Stations may be contacted again on other bands for QSO credit. All duplicate contacts on the same band must be clearly marked in the log.

Multipliers:
All DXCC countries (including W, VE and VK) and all W, VE and VK call areas count as multipliers on each band.
Note:: Any country or W/K, VE/VO or VK area may be counted again if worked on a different band but continents are counted once only.

Scoring:
QSO points times multipliers times continents (max. 6).

Log Sheets:
Use separate log sheets for each band. Logs must show Band, Date, Time GMT, Callsign, Message Sent and Received, Countries and Points claimed. SWL logs must contain Date and Time GMT of logging, Callsign of station heard, Report sent by that station and Callsign of station being worked.

Summary Sheet:
To show full scoring, times of operation and address for correspondence. In the case of Multi-Operator stations, the names and callsigns of all operators involved with the station operation during the contest.
All logs must be received by May 31 1995 in order to qualify.
Sample log and summary sheets are available from the contest manager.
UK entrants send large (A4) S.A.E. outside UK please send 6 IRC's to cover postage. Computer generated logs containing all specified information are welcomed.

Please send your contest or check logs to:
Contest Manager. John Barber (G4SKA).
P.O. Box 8, Tiverton, Devon EX16 5YU, England.

Trophies will be awarded to category winners. Certificates will be awarded to the top three stations in each category, the top five category 1 entrants and in each continent and to the top category 1 entrant in each W/K, VE/VO and VK area.

Additional notes:
If a contestant manages to contact 25 or more different countries on two-way RTTY during the contest, a claim may be made for the "Quarter Century Award" (QCA) issued by BARTG and for which a charge of 6 US dollars or 30 IRC's is made.

Holders of existing QCA awards may add new countries to their existing records. A separate sheet showing bands, callsigns and countries claimed must be included with the contest log.
Your comments on the contest would be much appreciated.

Notes of Interest:
Guinea Bissau (J5). J55UAB is now QRV again using all bands and modes until January 1996. QSL via F6FNU.

South Shetland Isl. (VP8). VP8CQR and VP8CQS will be the callsigns used from King George Island and not HF0POL as first thought. They are expected to show up on RTTY towards the end of January and are at the base until the end of 1995. IOTA AN-010.
DL7VTS is also expected to be using RTTY from the adjoining Ardley Island with the call DP1KGI until the end of February 1995.

Falklands, (VP8). Jon Carp, VP8CQJ will be leaving for home around the middle of february. His next destination is likely to be Cyprus with the call (5B4ZL) some time in August.

Antarctic (VI0). Eddie continues to be active as VI0ANT from Davis base until the end of March 1995. This is CQ Zone 39. ITU Zone 69.

J20UFT was on Maskali Isl. in the Gulf of Aden. IOTA AF-053.

Thanks this month to..
G3ZYP, GU0SUP, DXNS, ARRL/ARLD.

BARTG caters for all DATA interests with information-components- kits-ready built units and professional software for the P.C. and other computers covering all common data modes.
Members receive a quarterly journal devoted to data modes.
Beginners guides for most data modes are available which are currently being updated.
The group sponsors HF RTTY - Amtor - Pactor contests, administers its own DX and members award schemes and holds an annual rally.

Please address membership enquiries to :-
Membership secretary, Peter Adams (G6LZB), 464, Whippendell Road, Watford, Herts. WD1 7PT. enclosing SASE. Telephone - 01923 220774.

This copy of BARTG News is posted by Iain Kendall (G6ARO) who can be contacted via Internet e-mail at.. iain@humber.ac.uk Items for inclusion in the broadcast may also be mailed to this address, as well as any queries regarding services offered by BARTG.

The news as distributed by G0ARF 950131.

1614. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:09:27 UTC
From: roh033.mah48d@rohmhaas.com
Message-ID: <roh033.mah48d-060295080418@136.141.220.39>
Source record: 252516

In article <sf323f77.003@lan.mcl.bdm.com>, WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) wrote:

> >Welp, here's another fine example of what lowering standards in the
> >hobby has given us. This guy deserves to go to jail.
>
> I have held a Technician class license for a little over a year now and I
> just want to throw in my $.02.
>
> Not all Technicians are bums, but it should also be said that not everyone
> who passes 13 or 20 wpm on CW is the most gifted, best operator on
> the air. I've heard lids with tech calls as well as 2x2 calls.

As a ham for 40+ years, I concur with Warren, and strongly disagree with the original poster. Lowering _entrance_ standards has not, in my experience, hurt ham radio, but rather has breathed a new life into it. A lot of people who viewed learning Morse code as an entrance barrier have entered the activity and, through example have discovered code's not really so hard to learn. A lot of people who are content with the no-code Technician ticket are providing valuable communications expertice for public-service and emergency communications.

C'mon, guys! Let's stop the code/no-code bashing and remember that we're all hams. Everybody contributes something.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

1615. Re: Accu-Keyer won't key IC-7

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:19:44 UTC
From: Grant Youngman <gyoungma@gtetel.com>
Message-ID: <3h57lh$o87@ceylon.gte.com>
Source record: 252517

tom.hammond@woodybbs.com (Tom Hammond) wrote:
>
> RO>I recently pulled out an old Accu-Keyer I built years ago and tried to
> >use it with my Icom IC-720. No go. Plugging in the keyer locked the
> >sidetone on, but the rig wouldn't key. <

Some Icom radios (and I don't know if the 720 is one of them) required the key line to be pulled below 0.4 VDC, or the equivalent of a germanium switch in saturation. The Accu-Keyer (STILL one of my favorite goodies), uses a silicon switching transistor, so it never pulls below 0.7 VDC.

I long ago modified the keyer output to drive a small reed relay rather than key direct. The reed relay is quiet, and eliminates any problem keying anything, with no percepible change in keying characterisitcs.

73 .. Grant/NQ5T

1616. Re: Infamous hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:21:59 UTC
From: mc@shore.net
Message-ID: <3h57pn$278@shore.shore.net>
Source record: 252518

In article <93.22280.7585.0NFB8F1C@woodybbs.com>,
Tom Hammond <tom.hammond@woodybbs.com> wrote:
> >I heard from a ham friend that Bernard Goetz (the guy that attacked the
> >group of thugs on a New York subway because they tried to rob him) is/was
> >a ham. I haven't checked on this myself, however.

Bernie Goetz was not a licensed radio amateur.

He used to show up at the Hosstraders at Deerfield NH and the Charlotte
VT Hamfest quite regularly. I asked him if he was licensed and he said
he was not a radio amateur. He is keenly interested in electronics and
I believe he works as a technician. His main interest was the flea
market and was not particularly happy with his notoriety. But he was
instantly recognizable in the crowd.

/// ///
(o o) (o o)
\-oOO--( )--OOo-** Illigitimati non carborundum **-oOO--( )--OOo-/
| |
| Michael Crestohl, KH6KD/W1 mc@shore.net |
| |
/------------** Don't let the bastards grind you down **-------------\

1617. WHERE's THE FT51 MODS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:33:31 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-0602950733310001@net40.metronet.com>
Source record: 252519

A few months ago I posted the mod to allow expanded receive on the FT-51R. Has ANYONE checked out to see if there are more mods? Is there more expanded receive other than 130-170 and 410-470?

1618. Re: Local NTS person?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:41:51 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3h58uv$snj@acme.freenet.columbus.oh.us>
Source record: 252520

Kevin L. Anderson (kla@helios.augustana.edu) wrote:
: Excuse me for asking, but is there an easy way to
: find out who your local NTS person(s) may be?
: Any kind of "directory" maintained, say with the
: Traffic Manager for a section, to find out?

If nothing else assuming the Traffic Manager is issuing
Official Relay Station appointments(the Section Manager usually
lets the Traffic Manager do that), the Traffic Manager should know
who are the ORS and could give you that list.

: Do NTS people get bothered by any type of traffic,
: say something they might deem to be "trivia" and
: therefore a waste of their time?

Absolutely not. Traffic handlers enjoy passing traffic and
IMHO not traffic is trivial for we are all in practice for
disasters and passing those emergency, priority and health/welfare
messages.

73,
joe
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

1619. Amateur Radio Newsline #912 03 Feb 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:42:49 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <PTYDlGG8yv65078yn@dorsai.org>
Source record: 252521
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Newsgroups: rec.radio.amateur.misc,rec.radio.info,sbay.hams

SB NEWSLIN @ ALLBBS $NLIN.912
Amateur Radio Newsline #912 06 Feb 1995

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Text Version information:
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BBS Networks - Steve Coletti (within the conference/echo) or
bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)

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NEWSLINE RADIO - CBBS EDITION #912 - POSTED 02/05/95

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The following is late news about Amateur Radio for Radio
Amateurs as prepared from NEWSLINE RADIO scripts by the staff of
the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO
NETWORK. For current information updates, please call

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==========
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Seattle..... (206) 281-8455
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GEnie (RTC Bulletin Board)..... m345;1
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In bulletin number 6 of the ham radio conference
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CompuServe/HamNet..... HamNet Library 0
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Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at
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91102.

Thank You
NEWSLINE

(**********

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**********

[912]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* Our support fund administrator, Andy Jarema, N6TCQ says *
(* that there is less than two hundred dollars available in *
(* the account and that at least a thousand dollars is needed *
(* to make the monthly expenses. *
(* As you already know, the vast majority of the donations *
(* goes directly toward paying our monthly phone bills and *
(* electronic mail services. This is how we get the news, *
(* and it is how we deliver it to you. If we loose the *
(* telephone, the E-Mail or both, we will have no way to get *
(* the news and no way to disseminate it to you. *

(* Simply said, we need the assistance of every listener *
(* who appreciates Newsline to help to keep it on the air. *
(* The Newsline Support Fund is separate from the service. *
(* It exists for the single purpose of channeling donations *
(* directly to the those providing services to the Newsline *
(* organization. *
(* The address for the Newsline Support Fund is Post *
(* Office Box number 660937, Arcadia, California 91066. *
(* As always, we thank you for your support. *
(* That ends this weeks closed circuit advisory with *
(* Newsline Report number 912 for release on Friday, February *
(* 3rd, 1995 to follow. *
(* *
(* *

The following is a QST

The ARRL invites repeater coordinators to a league sponsored meeting, Japanese hams rally to provide communications in the earthquake ravaged city of Kobe and another honor for a well known British ham. These stories and more on Newsline report number 912 coming your way right now!

(*****

ARRL BOARD OF DIRECTORS MEETING

Repeater coordinators. Put on your traveling shoes. The ARRL is inviting you to an open meeting later this year. A meeting that the Board of Directors says is to discuss ways of strengthening FCC support of local and regional coordinators, and related issues.
This is only one of many decisions made when the ARRL Board of Directors met in San Antonio, Texas, January 20th and 21st. Here are more of the highlights.
First, the Board adopted a Strategic Long Range Plan that has been in preparation since May of 1994 and has instructed President George Wilson, W4OYI, to begin its implementation. W4OYI appointed three new committees to coordinate the most critical aspects of plan implementation.
Also, a package of legislative goals was adopted, including positions on special call sign and licensing fees, spectrum allocations, liability protection for volunteers, RF susceptibility of consumer equipment, better rules enforcement, and commercial competition for spectrum.
And the cost of being an ARRL member is going up. This after an operational plan and budget for 1995 and 1996 was approved. The dues increase takes effect on April 1st. On the other side of the coin, a fund raising effort in support of the AMSAT Phase 3D satellite project was approved, including a $150,000 matching fund program.
On the regulatory scene, a draft petition for greater

flexibility in spread spectrum operation was revised to limit such operation to bands above 420 MHz, and the General Counsel was instructed to file the petition with FCC.
And the ARRL will file comments supporting participation by radio amateurs in state and local emergency communications operating plans under the new Emergency Alerting System that will replace the Emergency Broadcast System.
Also, the board ordered something many hams have been wanting for several years. Studies were ordered of ways to oppose restrictive covenants that limit amateur operation, and to increase FCC enforcement of its amateur rules. Sometimes called Conditions, Covenants and Restrictions, these are deed restrictions placed on many homes at the time that they are constructed. They also make it difficult for ham radio operators to find new homes.
In other matters, the final report of the Ad Hoc 219 MHz Committee was adopted, in preparation for an expected announcement of an amateur allocation in this band. Also, the Hiram Percy Maxim Birthday Celebration that was so popular in September 1994 was made an annual event.
Finally, Helen Grauer, N0BCI, the widow of ARRL Director Paul Grauer, W0FIR along with and Directors Ed Metzger W9PRN and Frank Butler were elected to three year terms as Directors of the ARRL Foundation.
The complete minutes of the January board meeting will appear in March issue of the League's QST magazine.

(*****
KV4FZ LICENSE RENEWAL DESIGNATED FOR HEARING

An amateur radio operator once considered a hero is now a step closer to losing his license. The FCC has ordered a license renewal hearing for Herbert L. Schoenbohm, KV4FZ.
In 1992, Schoenbohm was convicted in U.S. District Court of fraudulent use of a counterfeit long distance telephone access device. Now, the Commission says that conviction is relevant to evaluating whether Schoenbohm will comply with FCC rules governing amateur radio.
The Commission says it appears Schoenbohm lacks the requisite qualifications to have his Extra class amateur radio license renewed. Schoenbom, who lives in the U.S. Virgin Islands, says he will prevail in court.
In addition to house arrest and two years probation, Schoenbom was ordered to pay a $5000 fine. He says the FCC was asked to hold the license renewal hearing by people who want him off the air.
The next step is for an FCC Administrative Law Judge to set a hearing date. No word yet on exactly when that will happen.
Herbert Schoenbohm is no stranger to controversy. Fifteen years ago, he took on rich yacht owners who paid for radio callsigns and operated illegally while in the Caribbean.

Schoenbohm got the FCC to declare that people operating from U.S. flagged vessels must hold valid amateur licenses and are subject to FCC rules. That victory made him a hero to hams worldwide. More recently, he founded the controversial Better Amateur Radio Federation. Now, the man other hams once looked up to has to prove to the government that renewing his license will serve the public interest. More on this story in future Newsline reports.

(*****
RADIO FREE BERKLEY REPRIEVE

The unlicensed community radio statio Radio Free Berkeley received a temporary reprieve. This, after a federal judge rejected a Federal Communications Commission request for a preliminary injunction to shut down the station.
Free Radio Berkeley is a 20 watt FM station that broadcasts from 9 p.m. to midnight on Sundays. It's operated by Stephen Dunifer who says that he wants to expand the station's hours. But the FCC says that the small alternative station was illegally broadcasting without a license and should be shut down. It argues that there is no constitutional right to operate a radio station. But in an order issued on Friday January 20th, U.S. District Judge Claudia Wilken. Judge Wilken said she questioned the FCC's rules governing small stations like Dunnifers'. She stopped short of ordering the FCC to adopt new rules authorizing the operation of such stations. She did say that the FCC, not the courts, should decide how to regulate "micropower" stations like Radio Free Berkeley, and indicated that the government cannot simply run them off they air.
The FCC says that the ruling was the first time a judge has rejected the FCC's request to shut down an unlicensed radio station. The agency will be appealing the case to a higher court.

(*****
HAM RADIO IN THE KOBE QUAKE

Ham radio was used to aid communications following the January 16th earthquake in Kobe Japan, but only within the borders of that country. Japan declined to declare an international communications emergency. That meant only nations with third party traffic agreements could handle emergency related traffic. But inside the country it's a different story where more than 200 hams are still providing communication in the Kobe area. Amateur Radio is being used to connect relief centers and to exchange information on road conditions and traffic, the health, welfare, and whereabouts of residents, and the availability of water and food, according to the Japan Amateur Radio League. The JARL and the Japan Amateur Radio Equipment Industry Association are conducting the communications effort at the request of the Ministry of Posts and Telecommunications. 200

handheld transceivers for 430 and 1260 MHz, as well as three repeater stations, were supplied by JAIA. Each portable station has been assigned a special call sign, 8J3 series.
But there are still 400 relief centers handling a total of 240,000 evacuees that are still not being served by this communication system. The Japan Amateur Radio League says that it is considering equipping at least half of them with amateur stations, if they can get the hams and the go ahead from the government.
And this reminder to hams in the United States. No bilateral third party traffic agreement exists between Japan and the United States. Since Japan has declined to declare an international communications emergency, it is illegal to send or receive third party messages for stations in Japan. Don't do it unless you want to you want to chance getting a pink slip from the FCC.

(*****
IARU MEMBERSHIP SOUGHT

Still on the international scene. Amateur Radio societies in Turkmenistan and Burkina Faso have applied for membership in the International Amateur Radio Union.
The president of the Turkmenistan Radio Amateur League is Eugene M. Zwontsov, EZ8BO. He says his organization has 24 members with the total number of licensed amateurs in Turkmenistan is 32.
The Association des Radioamateurs du Burkina Faso says it has 29 members, including a number of officials of the Office National des Telecommunications. Its president is Youssouf Kaba, XT2KY.

(*****
WRTC-95

The administrators of the World Radiosport Team Championship 1995 report progress in organizing the event and solicit questions and comments.
WRTC-95 will be held July 8 and 9, 1995, in Washington, DC, in conjunction with the IARU HF World Championship. The Frankford Radio Club has joined the Potomac Valley Radio Club in coordinating applications for operators/participants.
Many other Washington area amateur radio clubs also will help with the arrangements and logistics for WRTC-95.

(*****
HELP WANTED

AMSAT North America says that it is seeking the services of a full-time person to oversee the final assembly and testing of the Phase 3D spacecraft at its Orlando, Florida Integration Facility. The person must have at least 5 years of hands-on experience in the aerospace industry including cable harness design and installation. Both domestic and international travel will be

required.
Also, AMSAT's Phase 3-D project is in need of a volunteer who can read and translate technical Russian. If you can help in either of these projects please contact Dick Jansson, WD4FAB at Amsat NA.

(*****
SOLAR ASSISTANCE

NASA has completed the second of two shipments of solar panel modules, marking delivery of the first U.S. Space Station flight hardware for NASA's cooperative space endeavors with Russia. The hardware shipments each consisted of 45 solar panel modules that were developed for the cooperative solar array project, an effort that brings together NASA's advanced photovoltaic technology with Russia's proven structures and mechanisms.

(*****
DX - LEBANON

In DX, OH1NO says that he will be active from Lebanon as OH1NOA/OD5 until August of 1995. Look for him on 80 through 10 meters including the WARC bands mainly on CW and QSL via OH1MRR.

(*****
DX-KENYA

Also, Kenya is on the air. 5Z4FO has been active on 80 meters CW and SSB below 3800 kHz starting as early as 22:15 UTC and as late as 04:15 UTC. He has also been active on 160 meter mostly CW on 1832 kHz around 01:00 UTC. QSL via KB4EKY.

(*****
ANOTHER BROADBENT HONOR

And finally, a second very high honor has come to Ron Broadbent, G3AAJ, in as many months. A recent GB2RS News Bulletin reports that Ron has been elected a Vice President of the Radio Society of Great Britain. The election was by the RSGB Council with the announcement was made at RSGB's presidential installation dinner on January 14th.
In late December, Ron was awarded an MBE or Member of the British Empire honor in the New Year's Honours List "for services to amateur radio," which decoration he is to receive personally from Queen Elizabeth at Buckingham Palace later this month.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can write to us at Post Office Box 660937, Arcadia, California 91066.

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1620. Re: ARRL e-mail directions- help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:51:01 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3h59g5$13b@acme.freenet.columbus.oh.us>
Source record: 252522

jhschutt@figmnt.tayloru.edu wrote:
: I have the e-mail address for the ARRL. I forgot how to request files
: from them. Can anyone e-mail directions to me? Mine were accidentally
: deleted. Thanks in advance.
: jhschutt@tayloru.edu

send email to info@arrl.org

in body put following:

help
quit

you will then get the help for how to use the server.

the quit is in there so the server will ignore any signature lines.

73,
joe
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

1621. Operating in Bermuda

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 13:51:10 UTC
From: mgsail@cc.bellcore.com
Message-ID: <3h59ge$a7e@prefect.cc.bellcore.com>
Source record: 252523

As a US ham, what permissions do I need and how do I get them to operate VHF and HF on Bermuda? Any info will be appreciated.

Send replies to mgsail@cc.bellcore.com

Thanks.

Marv (N2OWL)

1622. Re: I Wanna get into Ham, but how and how much $

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 14:10:43 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb6.141043.8527@ke4zv.atl.ga.us>
Source record: 252524

In article <3h2tmv$t2h@sparc.occ.uky.edu> jennilr@ndlc.occ.uky.edu (Lane Jennison) writes:
>Hi,
> I recently read about ham radio, and I've heard a bit about before,
>and my friend and I are interested in getting into Ham radio, Beiing 13,
>the stuff looks rather expensive, What would the cheapest amount of money
>i could pay for some decent equipment, Also I Live in owensboro Ky, and
>I'd also like to know how, and what i have to do to get my license

Hello Lane. You won't regret getting into amateur radio. I've spent most of my life involved with it, and it's been great fun, and a real satisfaction. Give Larry Yates, WA4PMA, a call in Owensboro, he'll put you in touch with the local club, and help you get going. Tell him hello for me. He and I got our licenses when we were 14 and had a ball. We were both from Henderson at the time. You can find used equipment for $100-$300 that will serve you very well. Or you can build your own. It's not hard to get started on a small budget. Don't be afraid to pester the old guys, most of them will be flattered and glad to give you a hand.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1623. Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 14:15:30 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199502061418.GAA11219@ucsd.edu>
Source record: 252525

>made in confirming entries in the log. Computerized entries would
>also eliminate lost cards and cards misrouted via postal authorities
>or bureau workers. Computerization should lead to fewer errors,
>and fewer "doubtful" QSLs.

it also removes the ability for someone to supply some baksheesh (sp?) in the
initial request. 8)

bill wb9ivr

1624. Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 14:20:55 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199502061425.GAA11822@ucsd.edu>
Source record: 252526

saw a TV ad for a Chevy vehicle that featured a built in panel for connecting external accessories to vehicle power. example had a guy fishing or camping someplace while his cell radiophone was sending/receiving calls and faxes.

anybody know if they did this "right" for RF uses and did they supply a connector capable of 25-30A in this panel? be way cool it this would spread beyond the "utility/sport" vehicle this apparently was...

bill wb9ivr

1625. Car interference

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 14:28:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F3632BC@smtp>
Source record: 252527

Folks:
I recently tried to get rid of fuel pump noise in my car. According to information in QST, I installed a 1uF capacitor in the line and the noise went away; kindoff. From a S6 down to S3. But it is still there; As I am driving and I turn the engine off, the noise disappears (yes, I am very careful about this test). Does anyone have any more ideas how to fix this problem? Is it possible to get rid of noise totally from a moving vehicle?

Thanks for your help.

Peter, KC1QF

1626. Re: ARLB011 Vanity call sign order

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 14:45:39 UTC
From: tja@netcom.com
Message-ID: <tjaD3L2C3.A72@netcom.com>
Source record: 252428

Penn McClatchey (pmm@safn2.saf.com) wrote:
-> In article <$arlb011.1995@ampr.org>, w1aw@arrl.org writes:

-> Is it just me, or do some of you others think this whole vanity
-> call-sign procedure will be chaotic?
-> I predict many will ignore the gates. I also predict there are
-> quite a few people out there who will try to claim the 1x2 call
-> of their mother's 3rd cousin in Omaha. Who is the gate-keeper
-> who decides whether a request is legitimate?

I was thinking the exact same thing!!!
IMHO, I think the first gate should be for people to reclaim
"THEIR OWN" previous call. And start issuing Club & Military calls.

The 2nd should be for extras only.

The 3rd for advanced to hop in.

The 4th Generals and Techs.

The proposed first gate is a joke and is gonna kill the whole system!

Tom WB1L
ex-WN1TNK
ex-WA1TNK
ex-KA1ZG

Hmmmm... Maybe I'll get my Novice call back!!!

--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

1627. Re: Local NTS person?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 15:16:37 UTC
From: imotion@iu.NET
Message-ID: <199502061522.KAA15984@bb.iu.net>
Source record: 252429

Gerry K8EF@W8CQK.OH.USA.NA wrote:
>Subject:
>
>Kevin L. Anderson (kla@helios.augustana.edu) wrote:
...
>: Do NTS people get bothered by any type of traffic,
>: say something they might deem to be "trivia" and
>: therefore a waste of their time?
...
>a recent QST. Nothing could be too trivial for the NTS.

In fact it goes the other way. It'd be nice if we got fewer sad awful messages to deliver. Without fail, two or three times a year I'm handed NTS containing a report of someone's death.

Woe be upon those too cheap and inconsiderate that they can't make a phone call to pass along such grave news.

Howie N2WX

1628. Requesting comments on Ameritron AL-82 amplifier

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 15:20:17 UTC
From: wstrahl@nwscc.nw.att.com
Message-ID: <D3L3xu.AE4@nntpa.cb.att.com>
Source record: 252430

I have come to the conclusion that an 'instant-on' amplifier might be beneficial compared to the 'three minute warm-up' type that I use now. (That 3 minutes seems like an eternity when a pileup is growing quickly due to Packetcluster!!). Does anyone have any first-hand experience or in depth knowledge of the Ameritron AL-82 amplifier (pair of 3-500Z's). This seems to be the only amp I'm aware of that runs the tubes at over 3500 Volts on the plate which should help achieve the maximum output possible from those tubes. Is the power supply beefy enough for durability under contest operating? How's the output on 10M? How's the blower noise (variable hi/lo speed?) Is the available QSK functional? How's the output on 17 and 12M? I'm leaning toward an amp with a pair of 3-500Z's as probably being the 'best bang for the buck'. All related comments/opinions appreciated.

Wayne Strahl - W9II wstrahl@nwsca.nw.att.com

1629. EOSS-21 Flight Recap (Denver)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 16:10:25 UTC
From: rickvg@usa.net
Message-ID: <8caDlSEHGsEl075yn@usa.net>
Source record: 252431

From the EOSS Home Page:

http://usa.net/~rickvg/eoss.htm

FLIGHT SYNOPSIS OF EOSS-21
---

draft - final in a day or two

LAUNCH DATE: Feb 4, 1994
LAUNCH SITE: Jim White's Place
LAUNCH SITE COORDINATES: 39.5166 deg North, 104.5920 deg West
LAUNCH TIME : 15:45 UTC

Landing Site Coordinates: 38.77233 deg North, 103.84533 deg West
LOS at Ground station: 17:31 UTC

FLIGHT EXPERIMENT: Flight Qualification of Shuttle II
PROJECT INTEGRATOR: Jack Crabtree AA0P, Mike Manes W5VSI

Shuttle II FREQUENCIES:

Telemetry: 144.340 MHz
Beacon: 147.555
ATV: 426.250

Foxhunters:

Pikes Peak FM Association Repeaters 448.450 MHz
Colorado Repeater Association Repeaters 447.150 MHz

FLIGHT LOG:

After suffering through an ordeal by atmosphere last flight, we used this flight to requalify the Shuttle II for use in experimental flight.

Our first problem of the day arose immediately. There were no winds aloft for Denver in the RAOB file on Weatherbank. However, there was a report from Grand Junction. I usually use these winds as a corroborative data set and this time around we had to rely on them exclusively. Another problem with those winds, no data above 54,000 feet. Using data from the previous evening for the 60,000 feet and above winds we estimated the balloon would fly 65 to 70 statute miles on a course of 130 degrees (approximately). In fact, the balloon flew 65 miles on a course of 142 degrees. Hey everyone's entitled to a little luck.

The ground station was having problems commanding the payload prior to lift off. This necessitated a swap of radios at the command position and an abandonment of APRS monitoring at the ground station. The flight was late getting off the ground for this reason.

After the swap, filling the balloon and setting up the payload train proceeded without incident. However, the winds were picking up steadily throughout the setup.

At 15:45 UTC the balloon was released.

Initially all systems were working fine.

As the balloon rose into the sky, the ATV camera fogged up causing less (much less) than perfect video. This is a recurring problem since we switched to the color camera. A few experiments were done to determine the location of the fogging. It is hoped that we can correct this for the next flight.

Occasionally we were unable to command the payload from the ground station. However, a mobile rig in a nearby car served as backup and seemed to have no problems in this regard. We're a little mystified about this as the ground station should have a much better signal into the payload thru our beams. A link analysis is planned to determine the purity of DTMF tones, and the bandwidth of the receiver. More about that later probably.

We lost our ATV antenna on descent. This time the antenna did not detach, just some serious coax degradation that killed any output.

GPS worked GREAT most of the time. We got all of our telemetry from ground to burst. However, we did have some problems on the descent phase. It's thought that some test commands that were sent to the payload intended for other experiments may have had an unintended side effect on the GPS state (navigation, acquisition, loading ephemeris>. This will be looked into also.

Jim White's location was also fantastic. His QTH is almost the highest house in the area, and it certainly offered EOSS an ideal location for a launch. There was quite a crowd there too. Thanks to you Jim and to Diane (his wife) also for putting up with a lot of crazy folks at ungodly early hours!

--

73 -- Rick

****
* Rick von Glahn Edge of Space Sciences, Inc. *
* rickvg@usa.net - Internet (preferred) Promoting Science and Education *
* N0KKZ@W0GVT.#NECO.CO.USA - packet radio through Amateur Radio and *
* http://usa.net/~rickvg/home.htm High Altitude Balloons *
* http://usa.net/~rickvg/eoss.htm for EOSS information *
****

1630. question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 16:50:31 UTC
From: jangus@skyld.grendel.com
Message-ID: <792089431snx@skyld.grendel.com>
Source record: 252432

In article <2a6.5604.545@acenet.com> brian.carling@acenet.com writes:

> Newsgroups: rec.radio.amateur.misc
> From: brian.carling@acenet.com

[more useless drivel from Brian deleted]

Go fuck yourself. Call the sysadmin at grendel.com and get the same answer.
This is usenet, not "Nick at Night".

Jeff Herman is a raving Homophobic (among other things) and requires an
adjustment periodically. Since I have argued with him in the past, some
how or another, you seem to think I'm some sort of raving pervert and/or
homosexual.

You don't like my postings? Put me in your kill file instead of trying to
tell me and others what to do. Take some personal responsibility for your
own life.

In case you missed it, "Go fuck yourself".

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1631. Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 16:52:25 UTC
From: jangus@skyld.grendel.com
Message-ID: <792089545snx@skyld.grendel.com>
Source record: 252433

In article <D3JFK1.E47@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

> Don't become like the pepper spray and amway (oops - amsoft) fellows.

Give it a rest Jeff, you have a specific complaint with Amway products?
Have they posted here?

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1632. The Legacy of the No-Code

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 17:04:37 UTC
From: jangus@skyld.grendel.com
Message-ID: <792090277snx@skyld.grendel.com>
Source record: 252434

In article <2a6.5605.545@acenet.com> brian.carling@acenet.com writes:

> From: brian.carling@acenet.com

> radio too? If so, you are no better than the CBers you driticize.
> Actually worse than most!

I don't criticize the CBers. Get your facts straight if you wish to
impune me.

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1633. Re: Once again, the League shafts Hams (Was: Vanity call sign order)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 17:41:20 UTC
From: Erich Franz Stocker <stocker@spsosun.gsfc.nasa.gov>
Message-ID: <3h5n00$3st@post.gsfc.nasa.gov>
Source record: 252435
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

> In article <3h3mvg$4pr@cat.cis.Brown.EDU>, md@pstc3.pstc.brown.edu
> (Michael P. Deignan) wrote:
>
> > >> Gate One will allow a previous holder of a call
> > >> sign to apply for that call sign or, where the holder is deceased,
a
> > >> close relative could apply, even if he or she is not otherwise
> > >> eligible to hold the call sign.
> >
> > Great. The League shafts amateurs again. Thanks to this gem, we now
> > end up with no-clue CBer's without HF access holding W and K-prefix
1x2
> > calls.

I didn't realize that people with only CB permission were allowed to
get Amateur Radio licenses. I thought amateur radio licenses were only
awarded to individuals who have passed a recognized examination given
by approved volunteer examiners. I guess I have to tell my friends
and colleagues who have CB sets that they are now able to get amateur
licenses.

Erich

****
* Erich Franz Stocker *
* N3OXM *
* stocker@spsosun.gsfc.nasa.gov *
* *
* My ideas are my own and do not represent*
* the opinions of the federal government, *
* NASA or Goddard Space Flight Center. *

1634. Where to buy crystals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 18:08:38 UTC
From: hhaas@saffron.gatech.edu
Message-ID: <3h5oj6$ls0@siberia.gtri.gatech.edu>
Source record: 252436
Cross-posted to:
git.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.swap

I have several Motorola HT220s (and a GE and a Maxon) that I
need to get crystals for. Can anyone suggest a place that sells
crystals for a reasonable price? I also need a line on low cost
batteries for the same radios.

Thanks in advance.

hh
--
--
Harry Haas GTRI/SEAL/RSD/ASB | Georgia Tech Research Institute
Research Engineer II | 225 North Ave.
harry.haas@gtri.gatech.edu | Atlanta Georgia, 30332
Systems and EM Apps. Lab. | RADAR Systems Division

1635. 6 Meter Fm Repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 19:51:35 UTC
From: Keith Little <kittle@kumc.wpo.ukans.edu>
Message-ID: <1995Feb6.135136.84672@kuhub.cc.ukans.edu>
Source record: 252438

Does anyone know if there are any active 6M FM repeaters
in the Kansas City area, Eastern Kansas, or Western Muissouri?
I would be very interested in knowing.
Thanks,
Keith KA0AVJ
klittle@kumc.wpo.ukans.edu

1636. Re: The Legacy of the No-Code

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 20:03:02 UTC
From: wjturner@iastate.edu
Message-ID: <3h5v9m$3fi@news.iastate.edu>
Source record: 252439

In article <792090277snx@skyld.grendel.com>,
Jeffrey D. Angus <jangus@skyld.grendel.com> wrote:
> I don't criticize the CBers. Get your facts straight if you wish to
> impune me.

Looks like someone is having a bad day... (or week, month, year...)

1637. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 20:12:27 UTC
From: jholly@cup.hp.com
Message-ID: <D3LHGr.E2M@cup.hp.com>
Source record: 252440

Heidi Marcelo (hmarcelo@freenet.columbus.oh.us) wrote:

: here's a simple question with wich i keep getting conflicting answers to:
: does electricity flow from positive to negative, or vice versa

depends on your point of view. The engineering texts all use positive
to negative in anaylsis. DeForest put a fly in the oinement when he
invented the tube. The Real (tm) current flow is electrons moving from
negative to positive - or is holes flowing from postive to negative? I
find the negative to positive flow easier to deal with in hollow state
devices (easier to figure out the biasing) and the positive to negative
easier to deal with in solid state devices (lines up with the arrows).

Jim, WA6SDM
jholly@cup.hp.com

1638. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 20:32:29 UTC
From: R0264@info.onet.edu
Message-ID: <1733DDA93S86.R0264@info.onet.edu>
Source record: 252441

In article <"3-Feb-95.16:48:43".*.Paul_M._Butterfield.WBST129@Xerox.com>
Paul_M._Butterfield.wbst129@xerox.COM writes:

>
>Hi gang,
>I am a new ham with a small HT as my first radio. In order to get the most out
>of my 5W, I have mounted a Diamond X200A dual-band antenna on my roof,
>necessarily near the TV antenna. Unfortunately whenever I xmit with this
>setup, I make snow out of the TV picture. Makes the XYL unhappy. At some
>point, I'm going to a higher power xmitter, which will make the really bad snow
>even worse!
>The only TV channels we care about are 8, 10, 13 (180, 192, and 210 MHz) and
>UHF. My radio at present is only 2m (140-150 MHz), so I'm wondering is there
>something I can do about the problem?
>Please don't suggest cable TV. I know that will fix it, but I'd like to
>postpone that expense for a few more years. If there were a cheaper solution I
>would welcome it.

It seems to me that something must be wrong with your gear, either the
HT or TV system, and most likely feedline problems. I have an AR270
dual band mounted right on the same mast as my TV antenna, just above
it, and never get any TVI on any channel, operating 2 m or 70 cm.
I have transmitted only with 5 Watts though. I may be wrong about your
problem, but at least my hunch is a suggestion of things to try.
BTW, my TV feedline is 75 Ohm coax, not twinlead. I think coax is
better able to resist noise from other sources. Also, I have both
coaxes coiled a few turns just below the feedpoints, but don't really
know if that helps any. Anyway, GL in your troubleshooting -- Phil.

1639. RE: ARRL e-mail directions

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 20:33:22 UTC
From: jhschutt@figmnt.tayloru.edu
Message-ID: <1995Feb6.153322.1437@figmnt.tayloru.edu>
Source record: 252442

Thanks for all who responded to my post about contacting the ARRL by e-mail.
I received super directions!!--

John Robert Schutt /\ jhschutt@tayloru.edu
Taylor University- Fort Wayne //\\ (219) 456-9061
1025 W. Rudisill Blvd. ///\\\ FAX: (219) 456-2119
Fort Wayne, IN 46807 ||

1640. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 20:37:39 UTC
From: alanb@sr.hp.com
Message-ID: <3h61aj$81l@canyon.sr.hp.com>
Source record: 252443

Bruce McGregor (brucemcg@actrix.gen.nz) wrote:
: What is the correct method of storing Ni-Cad batteries over say a
: 6 month period. Fully charged or fully discharged??

The answer is it doesn't much matter. Unlike lead-acid batteries, there is no harm in storing nicads uncharged. The battery manufacturer's catalogs I have read actually recommend storing them uncharged, but I don't think it's a big deal.

What IS a big deal is this: After a long period of storage, be sure to charge the battery before use. It is easy for one of the cells to lose more charge than the others over a long period of time. If you use the battery pack without recharging, you risk reverse-charging the low cell, which can destroy it in short order.

AL N1AL

1641. HELP CHAN. ELEM. ALIGN MOTOROLA MITREK

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 20:41:37 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <3h61i1$3a9@hptemp1.cc.umr.edu>
Source record: 252444

I am currently trying to tune a Motorola Mitrek radio to the ham band:

The radio is rated for (146-174Mhz)

It was tuned to 168Mhz.

I have successfully tuned the radio and channel element on the
transmit side to 145.290Mhz.

I am having a big problem getting the channel element (not radio)
on the recieve side to resonate at 144.690Mhz.

Motorola does not produce schemaitic of their channel elements
and I have been told that some components eg. caps. must be replaced
in the element to get it to resonate.

Motorola only has one model of channel element for that radio.
(KXN1088A) TX and (KXN1086B) RX

I was wandering if someone has a schematic or conversion chart pretaining
to the channel element alignment.

Obviously, something besides the crystal must be changed to have a range
of 146-174Mhz.

Any help would be greatly appreciated!!!

Thanks,

Scott Sidener N0WFL sidener@umr.edu

1642. General Internet Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 21:20:05 UTC
From: ultra@crl.com
Message-ID: <3h63q5$bfm@crl4.crl.com>
Source record: 252408

General Internet Survey

This is a real simple survey I'm conducting for a science project
and I would really appreciate it if you respond. These questions are
real general and do not require much thinking. Thank you for your time.

1. Country _____
2. City _____
3. Occupation _____
4. Age _____
5. IBM or Mac user _____

Billy Cordray
ultra@crl.com
Long live Indica!

1643. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 21:24:49 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3h6431$duu@fohnix.metronet.com>
Source record: 252445

In article <D3LHGr.E2M@cup.hp.com>, Jim Hollenback <jholly@cup.hp.com> wrote:
>Heidi Marcelo (hmarcelo@freenet.columbus.oh.us) wrote:
>
>: here's a simple question with wich i keep getting conflicting answers to:
>: does electricity flow from positive to negative, or vice versa
>
>depends on your point of view. The engineering texts all use positive
>to negative in anaylsis. DeForest put a fly in the oinement when he
>invented the tube. The Real (tm) current flow is electrons moving from
>negative to positive - or is holes flowing from postive to negative? I
>find the negative to positive flow easier to deal with in hollow state
>devices (easier to figure out the biasing) and the positive to negative
>easier to deal with in solid state devices (lines up with the arrows).

One other interesting thing. It was thought electrons flowed from
positive to negative until well after TV was invented. Its called
"conventional electron flow".

It was then discovered that electrons flow from negative to positive
and its called "actual electron flow".

Amazing that something as complex as TV was invented and the whole
while they didn't even know which way electricity was flowing!

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. KC5LWF copeland@metronet.com|

1644. Kenwood 940 & others for sale.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 21:27:06 UTC
From: wcoyle@delphi.com
Message-ID: <By277My.wcoyle@delphi.com>
Source record: 252446

The following is for sale....

Kenwood TS-940s/AT in very good condition. I have service
manuals and
original users manual. 9 mil serial number. $1,150. I pay
shipping to lower
48.

Yaesu FT-5200 still under warranty for another 4 months in mint
cond. with
all boxes, wrappers, manuals, ect. $475.00 I pay shipping,
lower 48

If interested in these Items, send me E-mail at.
WCOYLE@DELPHI.COM
Packet: N3OGH@AA3CH.#EPA.PA.USA.NOMA.

Tnx &73 Bill
N3OGH

1645. frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 21:39:14 UTC
From: RGBeckett@lbl.gov
Message-ID: <3h64u2$ihc@overload.lbl.gov>
Source record: 252447

I am teaching a clas for prospective hams. One of the students asked exactly where do the different frequency designations start and stop?. LF, HF, VHF, UHF and VHF?

Thanks,

Rich WB6EEE

1646. Grid location?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 21:42:22 UTC
From: dmgillah@mtu.EDU
Message-ID: <199502062142.QAA15283@rock.me.mtu.edu>
Source record: 252448

Howdy....
I was wondering how you find out your grid location. Mine right now
is EN57RC but I only know that because some one told me. How do you find
out a grid location for anywhere? (or at least the US) are there maps?
tables? Thanks in advance......
--
****
* Talk to ya, Dave Attention all Skydivers: *
* Until you've jumped *
* Michigan Technological University into pitch-blackness *
* Where it's too &@#% cold! at 1250 feet with 80 *
* dmgillah@mtu.edu pounds of combat gear, *
* kb8por@w8yy.#upmi.mi.usa.na YOU'RE STILL A LEG !!! *
****

1647. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 21:57:12 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3h65vo$eks@ixnews3.ix.netcom.com>
Source record: 252449

In <D3LHGr.E2M@cup.hp.com> jholly@cup.hp.com (Jim Hollenback) writes:

>
>Heidi Marcelo (hmarcelo@freenet.columbus.oh.us) wrote:
>
>: here's a simple question with wich i keep getting conflicting answers
to:
>: does electricity flow from positive to negative, or vice versa
>
>depends on your point of view. The engineering texts all use positive
>to negative in anaylsis. DeForest put a fly in the oinement when he
>invented the tube. The Real (tm) current flow is electrons moving from
>negative to positive - or is holes flowing from postive to negative? I
>find the negative to positive flow easier to deal with in hollow state
>devices (easier to figure out the biasing) and the positive to
negative
>easier to deal with in solid state devices (lines up with the arrows).
>
I'll go along with that. I learned on firebottles, so it was always
neg. to pos. (kind of welling up from the ground, and out through the
tops of the tubes). Then in college it was time to learn semi's (I
tried when I was younger, but I could never figure out what voltage to
put on the base....) so with great effort I switched, because as
mentioned above it's so much easier to follow the arrows. Actually, if
I'm looking at a PNP-only circuit, I still think of the current flowing
down into the collectors.

Mike, KK6GM

1648. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 22:01:44 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3h6688$em9@ixnews3.ix.netcom.com>
Source record: 252450

In <3h6431$duu@fohnix.metronet.com> copeland@fohnix.metronet.com (Charles Copeland) writes:

>
>In article <D3LHGr.E2M@cup.hp.com>, Jim Hollenback <jholly@cup.hp.com> wrote:

>One other interesting thing. It was thought electrons flowed from
>positive to negative until well after TV was invented. Its called
>"conventional electron flow".
>
>It was then discovered that electrons flow from negative to positive
>and its called "actual electron flow".
>
>Amazing that something as complex as TV was invented and the whole
>while they didn't even know which way electricity was flowing!
>
Can this really be true? I thought they had this figured out before WWI at least. I know DeForest didn't have a clue, but surely they couldn't have made all those tube developments in the '20s and '30s by thinking that the electrons were flowing off of the plate. The terms I remember used were "conventional current flow" and "electron current flow". Of course, I guess it depends on what date you take for the invention of TV.

Mike, KK6GM

1649. how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 22:11:23 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3h66qb$h3j@godot.cc.duq.edu>
Source record: 252451

I have just started using an iambic key and only use one paddle at
a time (no squeezing) to generate my dih and dahs.

can somebody tell me what the the characters that can take advantage
of squeezing the two paddles ? also, any additional techiniques for
more efficient use.

please email replies if possible
thanks in advance

73 de n3rkd
jerry

1650. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 22:14:11 UTC
From: tomb@lsid.hp.com
Message-ID: <D3Ln3o.58r@hpcvsnz.cv.hp.com>
Source record: 252452

Rich Beckett (RGBeckett@lbl.gov) wrote:
: I am teaching a clas for prospective hams. One of the students
: asked exactly where do the different frequency designations
: start and stop?. LF, HF, VHF, UHF and VHF?

Generally taken as 3*10^n Hz, where n=4 for the LF low end,
n=5 for MF low end (you left that one out...), n=6 (or 3MHz)
for the low end of HF, etc., up to 3GHz for the upper end of UHF.
SHF and EHF above that. VLF, VF (voice frequency) and ELF below

1651. Icom 2M Mobile For sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 22:35:40 UTC
From: blackwells@yvax.byu.edu
Message-ID: <1995Feb6.153540@yvax.byu.edu>
Source record: 252453

```
Icom IC-255a 2 Meter mobile for sale:
Good condition,
25 Watts, great for packet or mobile use
$200

Email if interested
```

1652. Re: Wanted: MOD for Alinco DJ180

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 23:23:06 UTC
From: rhaynes@csc.com
Message-ID: <3h6b0q$gr5@explorer.csc.com>
Source record: 252454

Ivan Drzanic (Ivan.Drzanic@gbcon.g-box.fido.hr) wrote:
: Hello,

: I'm interested for any MOD for Alinco DJ-180.

[snip]

There is a large set of mod for ham radios at oakland.edu. Try :

ftp oak.oakland.edu
cd /pub3/hamradio/mods

there is a directory for most major brands.

Richard N5QXF

1653. IPS Daily Report - 06 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 23:23:11 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb6.232311.27207@ips.oz.au>
Source record: 252455
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 06/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 06 FEBRUARY AND FORECAST FOR 07 FEBRUARY - 09 FEBRUARY

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 05 Feb
Daily Proton Fluence >1 MeV: 8.4E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 1.2E+09 (very high)
X-ray background: A9.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
07 Feb 08 Feb 09 Feb
Activity Low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 07 Feb: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 05 Feb
Learmonth 9 3212 3321
Fredericksburg 10 4
Planetary 8 6

Observed Kp for 05 Feb: 2221 1221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
07 Feb 35 Quiet to unsettled initially, increasing to active to
minor storm levels.
08 Feb 25 Active
09 Feb 10 Quiet to unsettled
COMMENT: IPS Geomagnetic Warning 3 was issued on 3 February and is
current for interval 6-8 February. Geomagnetic storm activity did
not begin on 6 Feb as forecast. Significant activity is still
expected for the next 2 days.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
06 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
07 Feb fair poor poor
08 Feb fair poor poor
09 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
06 Feb 20 near predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
07 Feb 5 Mostly near predicted monthly values, with 10-20%
depressions late in the UT day.
08 Feb -20 10 to 20% below predicted monthly values
09 Feb 20 Near predicted monthly values
COMMENT: IPS HF Communications Warning 4 was issued on 3 February and
is current for interval 6-8 February. Depressions forecast for 6 Feb
did not eventuate, but degraded conditions are still expected over
the next 2 days. Townsville and Hobart frequencies 6 Feb: near
predicted monthly values.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1654. Weather Fax Sources?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-06 23:37:58 UTC
From: jcook@netcom.com
Message-ID: <jcookD3LqzA.4HJ@netcom.com>
Source record: 252456

Wanted:

List of sources for weather fax in the region of Florida/Cuba/Carribean.

My brother is a ham and professional sailing instructor in that region,
and is just starting out with onboard ham. Needs the weather info by fax
or weather map fax (whatever) onboard ship.

Thank you.

James Cook
jcook@netcom.com
--

--

James Cook * Information Professionals List
Internet: jcook@netcom.com * IPN / Information Professionals Network
===

1655. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 00:14:17 UTC
From: ronh@sunriv.UUCP
Message-ID: <232@sunriv.UUCP>
Source record: 252457

In article <3h44ce$e3g@acme.freenet.columbus.oh.us> hmarcelo@freenet.columbus.oh.us (Heidi Marcelo) writes:
>
>here's a simple question with wich i keep getting conflicting answers to:
>does electricity flow from positive to negative, or vice versa

Electrons flow from the negative terminal to the positive terminal.
Current flow is defined as the direction opposite the direction
that electrons flow, so current flos is from positive to negative.

Ronnie D. Hughes, N5CSE | ronh@sunriver.com
SunRiver Data Systems |
Echelon IV, Suite 200 | (512) 346-2447 ext. 118
9430 Research Boulevard | (512) 346-7062 fax
Austin, TX 78759-6543 |

1656. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 00:22:29 UTC
From: gc@universe.digex.net
Message-ID: <3h6eg5$69v@universe.digex.net>
Source record: 252458

In article <3h64u2$ihc@overload.lbl.gov>,
Rich Beckett <rgbeckett@lbl.gov> wrote:
>I am teaching a clas for prospective hams. One of the students asked
>exactly where do the different frequency designations start and stop?.
>LF, HF, VHF, UHF and VHF?
>

They are decade ranges:

LF 30-300 kHz
MF 300-3000 kHz
HF 3-30 MHz
VHF 30-300 MHz
UHF 300-3000 MHz

gc
>Thanks,
>
>Rich WB6EEE
>
>
>

1657. MFJ-1724B

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 00:59:40 UTC
From: kupiec@jvnc.net
Message-ID: <D3LurG.42E@tigger.jvnc.net>
Source record: 252459
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Any comments, both good or bad on this antenna? For one, the price is good at $14.95 each. Email and I'll summarize the responses. Thanks!

--
Bob Kupiec (N3MML) Phone: 1-609-897-7300 GES, Inc. (JvNCnet)
Network Engineering -or- : 1-800-35-TIGER 3 Independence Way
Email: kupiec@jvnc.net Fax : 1-609-897-7310 Princeton, NJ 08540

1658. Code Practice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 01:02:43 UTC
From: jtwilson@acpub.duke.edu
Message-ID: <3h6grj$n5h@news.duke.edu>
Source record: 252460

I am currently a Technician Class operator- passed the exam about 4 years ago and have operated very little since that time...

Well, I miss amateur radio. Also, I now have a sailboat and do a bit of offshore sailing. Seems to me that having a rig on board would be loads of fun and a safety asset to boot.

I would like to upgrade. Have heard that there are computer programs available to "teach" code. Any recommendations? Are any available by ftp? Commercial sources?

Please excuse me if this info is in a FAQ or some such. I'm sort of new at this internet business....

John <jtwilson@acpub.duke.edu>
--
John Wilson
S/V "Shamrock"
Bristol Channel Cutter
jtwilson@acpub.duke.edu

1659. SWR affected by plastic antenna tip!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 01:20:54 UTC
From: gereiswi@nmsu.edu
Message-ID: <3h6htm$knt@dns1.NMSU.Edu>
Source record: 252461

This is a strange one, but one I hope you experts might solve.
I bought a Firestick CB antenna for my car (5/8 wave, top loaded
3' fiberglass). As I was setting up the SWR meter, I noted that it read
about 3:1...not good. After goofing around to try to figure out what I
had done wrong, I took a little vinyl sleeve off the tip of the antenna,
whcih is only about 1" long. Suddenly the SWR reads 1.3:1.
Continuing with the experiment, I wrapped some thin cardboard
around the tip. Again, the reading plummeted to better than 3:1.
What gives? I guess I'll leave the tip off, but why would a
material that is purportedly transparent to EMF affect the SWR?
Thanks in advance!

++
| George S. Reiswig E-mail: greiswig@crl.nmsu.edu |
| Department of Psychology Office: (505) 646-5789 |
| Graduate School Statistical Assistant Office: (505) 646-4485 |
| New Mexico State University Home: (505) 521-0363 |
++

1660. Re: ARRL e-mail directions- help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 02:02:57 UTC
From: Bill@halcyon.com
Message-ID: <3h6nsf$3nb@news.halcyon.com>
Source record: 252463

> I have the e-mail address for the ARRL. I forgot how to request files
> from them. Can anyone e-mail directions to me? Mine were accidentally
> deleted. Thanks in advance.
> jhschutt@tayloru.edu

Send a message to info@arrl.org
Leave the subject line blank
in the body put a single line of help for the first line
for the second line in the body put index
finish with a third line of quit

This will get you all of the info you want and an index of the files they have.
If you know the file name you can put a two lines in the body as follows:

send <filename>
quit

Hope that helps.

Bill

1661. Re: Wanted: MOD for Alinco DJ180

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 02:17:13 UTC
From: jjmartin@world.std.com
Message-ID: <D3LyCp.95s@world.std.com>
Source record: 252464

In article <3h6b0q$gr5@explorer.csc.com>, Richard Haynes
<rhaynes@csc.com> wrote:
>Ivan Drzanic (Ivan.Drzanic@gbcon.g-box.fido.hr) wrote:
>: Hello,
>: I'm interested for any MOD for Alinco DJ-180.

>[snip]

>There is a large set of mod for ham radios at oakland.edu. Try :
[snip]

Correct me if I am wrong but if you do the transmit mods on the DJ-180
and transmit out of band...it'll be the last thing your DJ-180 does....
as the microprocessor don't like modification.

There may be more radios in that boat but the DJ-180 is one radio that
is strictly for two meters and two meters only.

So I'm told by those I work with and for.

73 de wk1v
-jim-

1662. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 02:52:08 UTC
From: mullaneb@mccc.edu
Message-ID: <D3Lzyw.5Bs@mccc.edu>
Source record: 252465

What remote-control car racers do with their ni-cads is
to put a resistor across the leads to completely drain the cells
just leave it on for a day or 2, and the cells should be
(almost) good as new

later,
Brian
--
Brian Mullaney | NRA N-SSA | bmullane@pluto.njcc.com
KB2TIS

1663. Classes, VE stuff, and Part 97 on the Web

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 03:04:53 UTC
From: scotte@ccs.neu.edu
Message-ID: <3h6o0l$t8p@narnia.ccs.neu.edu>
Source record: 252466

I've incorporated the Eastern Mass. ham radio class list, national ARRL
VE listing, and a true hypertext version of Part 97 into the ARRL Web page.

The URLs are as follows:

For the classes: http://www.acs.oakland.edu/barc/arrl/classes-ema.html

For the VE sessions: http://www.acs.oakland.edu/barc/arrl/ve.html

For Part 97: http://www.acs.oakland.edu/barc/arrl/part97.html

What I ask of you -

Since the ARRL's Web page is for EVERYBODY, not just Massachusetts/New
England, I want class listings for across the country!

Let's help make the ARRL's Web page work for everybody.

Various clubs have created locally-oriented Web pages. The ARRL is a
national organization, so let's take advantage of that!

Help me develop the ARRL Web page into something we can all benefit from!

Your help is wanted, needed, and encouraged! (So that's a little redundant).

73,
--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

1664. Need ideas for swapfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 03:09:13 UTC
From: mcaffrey@nyx.cs.du.edu
Message-ID: <3h6o8p$2jh@nyx.cs.du.edu>
Source record: 252467

I have perhaps foolishly volunteered to be the chair of the local (Boulder, CO) swapfest, which will be held in late September. I was wondering what neat or unusual ideas the hams reading this group have seen or done for swapfests, or ideas that you would like to see. Our swapfest does not aspire to be Dayton, but I would welcome any ideas that people would like to see, and I am sure that there are other swapfest organizers that are in the same boat.

de KF0JA

1665. CSU Chico?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 03:35:43 UTC
From: RedFive@ix.netcom.com
Message-ID: <3h6pqf$mm4@ixnews2.ix.netcom.com>
Source record: 252468

I am enrolled as a Freshman at Chico state for next fall, and was wondering if CSUC has an amateur radio club. I have not seen any listings for one, yet...Also, does anyone happen to know how many repeaters I would have to go through, using an ht, to get to Sacramento from Chico?

Thanks in advance,
Eric
KE6OYT

1666. Re: 1x1 calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 04:10:43 UTC
From: pmarsh@metro.mccneb.EDU
Message-ID: <9502070410.AA01686@metro.mccneb.edu>
Source record: 252469

Here's the next-to-latest on vanity calls:
> 1x1 calls will not be available. No calls with the prefix A#
> will be available because they are not assigned to the United
> States.
Here's the latest:
W7A K0G etc., don't count?
Paul Marsh N0ZAU Omaha pmarsh@metro.mccneb.edu

1667. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 04:21:04 UTC
From: s2202629@np.ac.sg
Message-ID: <3h6sfg$31d@nova.np.ac.sg>
Source record: 252470

In article <791768267snz@waltd.demon.co.uk>,
Walt Davidson <walt@waltd.demon.co.uk> wrote:
>I feel a much more progressive approach would be to take the first steps
>towards eliminating QSL cards altogether! The cost of materials, printing

8(- I happen to enjoy collecting these cards... I recall the day I got my
first card... It was about 3 weeks ago... 8)

To date, I've got 3... And you want to start eliminating them?

I think they're nice... And I sure won't like to have them removed/replaced.
Have ya ever read the story of N0QSL?

8)

1668. Re: Local NTS person?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 04:23:59 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3M480.Bv1@zeno.fit.edu>
Source record: 252471

In article <199502061522.KAA15984@bb.iu.net>,
Howard Goldstein <imotion@iu.NET> wrote:
>
>In fact it goes the other way. It'd be nice if we got fewer sad awful
>messages to deliver. Without fail, two or three times a year I'm handed NTS
>containing a report of someone's death.

yeah, but since we live in "God's Waiting Room", it's the price we pay
for only 40 deg. lows over night....
>
>Woe be upon those too cheap and inconsiderate that they can't make a phone
>call to pass along such grave news.

i guess they don't know about the new 1-800-he's-dead collect calling
service...(seriously, there must be a lot of bums around for the LD telcos
to advertise collect calling -- if i called my girlfriend collect just to
chat, i'd be dead meat at phone bill time...)
>

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1669. Re: new ticket...want dual band

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 04:27:44 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3M4E9.Byo@zeno.fit.edu>
Source record: 252472

limited budget? radio shack htx-202 from merrimac.

also check out the local radio clubs...if they have a club station
to operate, that can be a way to get a station to use for less money
than one of your own will cost...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1670. Re: ARLB011 Vanity call sign order

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 04:34:24 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3M4pD.C5z@zeno.fit.edu>
Source record: 252473

In article <tjaD3L2C3.A72@netcom.com>, T.J. Alessi <tom@stamford.com> wrote:
>Penn McClatchey (pmm@safn2.saf.com) wrote:
>-> In article <$arlb011.1995@ampr.org>, w1aw@arrl.org writes:
>
>-> Is it just me, or do some of you others think this whole vanity
>-> call-sign procedure will be chaotic?

so what else is new?

>-> I predict many will ignore the gates. I also predict there are
>-> quite a few people out there who will try to claim the 1x2 call
>-> of their mother's 3rd cousin in Omaha. Who is the gate-keeper
>-> who decides whether a request is legitimate?

suppose they'll have to supply supporting documentation if it's not
immediately obvious...
>
>I was thinking the exact same thing!!!
>IMHO, I think the first gate should be for people to reclaim
>"THEIR OWN" previous call. And start issuing Club & Military calls.

before a club station can get a vanity call, they first have to get
a call from the standard list -- i ordered the copies of 610B today
so i could have 'em ready to file ASAP so we can get a call so we
can evaluate if we want a vanity call.

i'll have to reread the R&O..i don't recall seeing much in there on
"military recreation stations..."
>
>The proposed first gate is a joke and is gonna kill the whole system!

is that just because you (and the others) didn't comment and so left the
FCC with the impression that people want old calls of relatives back
in a big way?

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1671. ICOM 3230A

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 04:55:02 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD3M5nr.9I@netcom.com>
Source record: 252474

Unit in Good Condition with PL board.Also modified for MARS or CAP applications. 375 dollars or best offer. This is the 25 watt 2mtr and 440 band.

1672. Re: T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 05:39:39 UTC
From: rickmcm@delphi.com
Message-ID: <9502070037591.The_Win-D.rickmcm@delphi.com>
Source record: 252475

> Just got a 6 meter amp from mirage. The TR went crazy because there were
> various cold solder joints and an undocumented mod in the TR section. I
> was using it in the VHF test. Fortunately one of the other ops was a
> great tech who managed to get it working quite well by doing surgery to
> return it to the circuit in the schematic.
>
> - Paul, N6DN
>

Paul,

Good luck with your Mirage amp. I recently blew up a Mirage D1010 ATVN amp.

It was still under warranty. I sent it back for warranty repair, and they refused to fix it. I asked to speak to the owner. He called me on the phone, and started yelling at me. He ended up telling me that I obviously didn't know what I was talking about and hung the phone up on me.

The amp that I had was the ATV model. I was running it on FM at 80 watts output when the T/R relay went up in a ball of fire and smoke.

Mirage claimed that you can not run their ATV amps at full power or near full power in the FM mode. They say that if you do, that they will go into oscillation and self destruct like my amp had done.

I looked at the instruction manual that came with it, and could not find any warning like that. I looked at their sales brochure and could not find any warnings about FM either.

Their brochure and their instruction manual said:

Mode: ATV, FM, CW, SSB

Input Power: 3 to 15 watts

Output Power: 100 watts

I will never buy another Mirage product.

I was going to send a letter along with a copy of the letter from their repair tech to their advertisers. However, I could not find any magazine that they advertise in.

Let this be warning to anyone considering a Mirage amplifier, if it breaks, don't
expect Mirage to repair it for you.

Good Luck

Rick

1673. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 05:57:09 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3M8J9.BJJ@news.hawaii.edu>
Source record: 252476

In article <3h64u2$ihc@overload.lbl.gov> rgbeckett@lbl.gov writes:
>I am teaching a clas for prospective hams. One of the students asked exactly where do the different frequency designations start and stop?. LF, HF, VHF, UHF and VHF?
>
>Thanks,
>
>Rich WB6EEE

Hi Rich, The limits are powers of 10 meters:

Wavelength Frequency
LF 10 - 1 km 30 - 300 kHz
MF 1000 - 100 m .3 - 3 MHz
HF 100 - 10 m 3 - 30 MHz
VHF 10 - 1 m 30 - 300 MHz
UHF 1 -.1 m 300 - 3000 MHz

Back in the Good Old Days wavelength was the standard unit of measurement with regard to the radio spectrum.

Jeff NH6IL (ex-WA6QIJ, and ex-NMO on 600 meters)

1674. Cushcraft

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 06:06:39 UTC
From: Milan.Bandur@mimi.g-box.fido.hr
Message-ID: <17e_9311281631@g-box.fido.hr>
Source record: 252477

Hi!

I would be grateful if anyone knows Cushcraft's fax number and adress.
Please reply here or e-mail me. Thank you.

Greetings, MIMI
--
| Fidonet: Milan Bandur 2:381/102.9
| Internet: Milan.Bandur@mimi.g-box.fido.hr
| Standard disclaimer: The views of this user are strictly his own.

1675. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 06:10:35 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3M95n.CHr@news.hawaii.edu>
Source record: 252378

In article <792089431snx@skyld.grendel.com> jangus@skyld.grendel.com (Jeffrey D. Angus) writes:
>
>In article <2a6.5604.545@acenet.com> brian.carling@acenet.com writes:
>
> > Newsgroups: rec.radio.amateur.misc
> > From: brian.carling@acenet.com
>
> [more useless drivel from Brian deleted]
>
> Go fuck yourself. Call the sysadmin at grendel.com and get the same answer.
> This is usenet, not "Nick at Night".
>
> Jeff Herman is a raving Homophobic

Homophobic = Fear of homos. That's not an accurate discription of me,
Angus. Try Homodisgusted or Homonauseated (tm).

We now return to you the ravings of Jeff Angus:

>(among other things) and requires an
> adjustment periodically. Since I have argued with him in the past, some
> how or another, you seem to think I'm some sort of raving pervert and/or
> homosexual.
>
> You don't like my postings? Put me in your kill file instead of trying to
> tell me and others what to do. Take some personal responsibility for your
> own life.
>
> In case you missed it, "Go fuck yourself".
>
>
>
>--
>"1935 will go down in history. For the first time, a civilized nation has
>full gun registration. Our streets will be safer, our police more efficient,
>and the world will follow our lead into the future." - Adolf Hitler
>
> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
> US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

Whew! Glad that's over. We can always count on Jeff Angus for a cool-headed,
logically-reasoned response with impeccably chosen language.

Jeff NH6IL

1676. Re: CSU Chico?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 06:40:02 UTC
From: rwilkins@ccnet.com
Message-ID: <3h74k2$g0t@ccnet3.ccnet.com>
Source record: 252379

Eric (RedFive@ix.netcom.com) recently wrote in <3h6pqf$mm4@ixnews2.ix.netcom.com>:

: I am enrolled as a Freshman at Chico state for next fall, and was
: wondering if CSUC has an amateur radio club. I have not seen any
: listings for one, yet...Also, does anyone happen to know how many
: repeaters I would have to go through, using an ht, to get to Sacramento
: from Chico?

Many of the Chico repeaters can be worked in Sacramento while mobile.
Many of the Sacramento repeaters can be worked in Chico as well. You
really have many choices. Just pick the right one from either end.

You shouldn't have any problem finding any local club activity on 2
meters or 440 , just tune for activity.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

1677. Database for vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 06:41:11 UTC
From: rickmcm@delphi.com
Message-ID: <9502070140591.The_Win-D.rickmcm@delphi.com>
Source record: 252380

In article <3h4bah$s5b@vixen.cso.uiuc.edu>, tigger@prairienet.org (Sean E. Kutzko) writes: >

> Hiya-
>
> I'm considering getting a new call thru the vanity call program. My
> question is basic: How do I know what calls are available? Surely there
> must be a better option than going thru the callbook manually and seeing
> what is and isn't listed.
>
> Also, any idea on how the application process will work? Supposing I want
> W9XYZ, and somebody else's request for it gets honored first. Will I
> get bounced to the end of the list, or will I be allowed to list several
> calls I'd like in order of preference, and they give me the first one
> that's available?
>

Sean,

In the report and order issued by the FCC on the new vanity call signs, it says:

The applicant must request that the call sign shown on the current license be vacated and provide a list of up to 25 call signs in order of preference.

The first assignable call sign from the applicant's list will be shown on the license grant. When none of those call signs are assignable, the call sign vacated by the applicant will be shown on the license grant.

Hope that helps.

Good luck with your new call sign.

Rick, WB7UGZ rickmcm@delphi.com

1678. Grove E-Mail

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 06:44:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F371722@smtp>
Source record: 252381

To all of those that provided information on Grove's E-mail and fax addresses, Larry van Horn called me last night, so the problem is solved!
Thanks to all.
Peter, KC1QF

1679. Shuttle

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 06:49:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F371892@smtp>
Source record: 252382

As a satellite enthusiast, I am amazed and trully impressed about the Nasa Video images, which is currently on TDRSS 41 degrees W, 4000MHz C band. I was mesmerized watching the rendevous with the MIR space station. What a treat!
Thanks to Columbia Satellite Corp. for rebroadcasting NASA select on TDRSS (pron: Tee-dresss) in the space available transponder (preemptied by APTV). Pity that European stations cant rebroadcast it for the benefit of most viewers (who dont necessarily have C band); I mean the whole day when the channels arent even on, they just show the test cards! It would be better if they showed NASA video; after all it's free!
Peter, KC1QF/ON9CGV Brussels

1680. Re: RACES GROUPS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 08:54:32 UTC
From: nstacey@crl.com
Message-ID: <3h7cg8$ih4@crl10.crl.com>
Source record: 252383

William Coley Richardson (William.Coley.Richardson@f1.n328.z1.fidonet.org) wrote:
: From: wrich@whale.st.usm.edu (William Coley Richardson)
: Date: 27 Jan 1995 03:03:29 GMT
: Message-Id: <3g9nq1$a0s@server.st.usm.edu>

: I need information on RACES groups, how they are formed, activities and
: all the other things needed to know. We are trying to start a local
: group on the request of the Civil Defense. They do not seem to know much
: about it, and we do not know much either. If you can help please write!!!
: Billy Richardson
: wrich@whale.st.usm.edu

1681. Re: TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 09:17:08 UTC
From: nstacey@crl.com
Message-ID: <3h7dqk$ikp@crl10.crl.com>
Source record: 252384
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

P22407@email.mot.com wrote:

: I am running a chase vehicle for a off-road race team. I perfer NOT to
: pay the inflated prices race-radio companies charge for inferior
: equipment. I instead would perfer to get my licence and buy a radio I
: can also use for 2-meter. Here are some questions:

: Can a good 2-meter radio (Kenwwod, Icom, etc.) be modified to transmit in
: the 150 to 154mhz range? Do I need a permit (you dont even need a licence
: to use a race radio!)?

: What is MARS/CAP use?

: If I get a handheld, can I get an amp that operates on 12vdc to boost my
: signal? In a typical race, the car may be as far away as 50+ miles over
: rough terrain.

: Can a 2m base station antenna be easily tuned to 152mhz?

: Thank you in advance for any advice in this area. I have contemplated
: getting into amateur radio for a long time, and this may just push me in!

: --
: Dave Andrews P22407@email.mot.com
: Motorola GSTG Scottsdale, AZ
: --

1682. Radio Shack Scanner for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 09:22:07 UTC
From: pbkd6aw@powergrid.electriciti.com
Message-ID: <pbkd6aw.24.00095EA9@powergrid.electriciti.com>
Source record: 252399

For sale - Radio Shack model 2026 scanner for sale. Has 100 channels 29-54
108-174 406-512 806-823 851-868 and 896-956 krz. Scanner is perfect and
like new and includes the manuel. Price $125. postpaid by ups. Please inquire
via e mail. pbkd6aw@powergrid.electriciti.com

Thanks,
Paul Babcock KD6AW

1683. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 09:32:06 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3h7emm$3qk@cat.cis.Brown.EDU>
Source record: 252385

In article <cjs9.215.000A9D6F@cornell.edu>,
Carl Steckler <cjs9@cornell.edu> wrote:

>Yoe egotistical elitist anal-retentave moron. (read asshole) How dare you
>disparage those of us who for reasons being none of your business select to
>become no-code tech Hams?

Please keep the ad hominem attacks to alt.flame where they belong.

>I choose to be a no-code tech because a hearing
>problem prevents me being able to sort out code. Does that mean in your
>world I shouldn't have a license?

Yes. As the Nike commercial says "just do it". There are completely
deaf people passing the Extra-class cw exam. HandiHams has loads of
information. Of course, the no-code tech license provides a convenient,
lazy excuse not to.

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1684. Mods for TH-27E

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 09:40:26 UTC
From: apaulin@public.srce.hr
Message-ID: <3h7f6a$8ek@nippur.irb.hr>
Source record: 252386

Does Any one know about Mods for KENWOOD TH-27E(European version)
I am intrested in RX 108-136 MHz in Amplitude modulation(AM)
AirCrafts
Please e-mail me:apaulin@oleh.srce.hr
Thanks in advance Tony

1685. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 10:05:22 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D3MK11.MDM@hpqmoea.sqf.hp.com>
Source record: 252387

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Well, David, I expect your Land Rover is made considerably differently
: from a typical Detroit vehicle. A "welded steel monococque" indeed. :-)
: I'm afraid Detroit vehicles don't meet that criteria in any way
: meaningful to the mounting of radios. Let me give as example my
: 1987 Jeep Commanche.

My L-R "Discovery" isn't typical of most cars round here. It has a
reinforced steel inner shell with removable aluminium outer panels. The
whole thing sits on rubber mounts on a separate chassis. The steel shell
gives an excellent ground path (for want of a better name)
Most European normal (IE non 4x4) cars are a single steel shell
assembled on a monstrous robotic alignment and spot-weld jig. Front
panels, bumpers and wings (fenders to you?) are often bolt-on jobs, but
the rest of the shell is an excellent conductor. low R and low L.
This is normally termed "monococque" construction (as opposed to
separate chassis construction)

: The exposed dash is completely plastic, so the radio mounting bracket
: won't be connected to metal at all. The nearest body metal is the
: firewall, or the floor pan, depending on the exact mounting position
: chosen. These are parts of the main cab which is mounted to the frame
: via rubber bushings. The firewall has a single #16 wire bonding it
: to the frame. All parts are painted before assembly.

Er, yes, I can see why it should give you problems. The antique
series 1,2,3 Land Rovers were similarly a set of painted parts bolted
together, sitting on the chassis, as were a lot of large trucks.
Electrical work was always fun. I thought that the Jeep cherokee and
grand cherokee were "unit construction" and relied on shell strength as
they had no separate chassis.

: When I bought the truck, I noticed that the instrument lights would
: dim in time with the turn indicator. Investigation showed that the
: instrument cluster was "grounded" to the firewall by a single #16
: wire. The firewall connection used a star washer to bite through
: the paint on the firewall, but not very well. After some sanding,
: I got a better bond, but the instrument lights still dimmed a bit

And I thought "Joseph Lucas, prince of darkness" was a popular joke
amongst brit car owners in the USA ;-)

: [Note: the truck started and ran fine. Investigation showed
: that the battery negative lead attached via the same *unpainted*
: bolt to the frame as the engine block ground strap. The bolt carried

: the current, not the frame.]

Well, they got something electrical right!

: Meanwhile through all of this, the 2 way radios worked fine
: because they used the "2 wires makes a light" philosophy and
: were wired directly to the battery via two fused heavy leads.
: I don't recomend using "chassis" as a path for any electrical
: current demand in a vehicle unless you own a body sander and
: stock in a star washer company.
: Gary

Or all the vehicle metalwork is held together with thousands of spot-welds. In your case, virtually nothing else would have worked.

On a typical Euro-Nippon tin box, you can get an excellent body ground, provided you are cautious about removable wings (fenders?) in the cab, everything seems plastic but hard ground points can be found under the dash by tracing back the steering column mounting brackets. With my to-the-rear-of-the-centre-console location, the seatbelt mount bolts were handy.

Glassfibre cars like Lotus and TVR have to be the worst to put a good radio installation into. I recall having to remove cab headlinings (means removing all windows in some cases) to glue in an aluminium foil groundplane on the underside of the roof. It either doesn't stick, or the glue drips into your hair.

Some brit cars and light vans have their batteries in the boot, under rear seats etc and simply use the bodyshell for the negative connection. The engine unit just has a meaty braid strap to a nearby bit of the bodyshell.

On a non-automotive subject:

A company made PC boards. They had a big 4-headed numerically controlled drilling machine that drilled 4 stacks of 3 boards simultaneously, and automatically changed drill sizes, as commanded by a paper tape operated control box. Occasionally it used its servos to send the X-Y table to an extreme position, while the drills were in the boards. Bye-bye 4 solid carbide drills, bye-bye a dozen boards, back to square one. Of course, it was heavily investigated by various people Eventually they got mad and bought a new one (Of a different make, of course). They advertised the old one and a dealer in second hand machines came to collect it. "Where's the big ground strap?" "What?" "It's a dirty great thick lump of copper braid that connects the control console to the machine. If it's not connected tightly, they sometimes make their servos go berserk..... Oh" (I heard this second-hand from the man who said "What?")

Cheers
David

1686. Wanted to buy Bencher Paddle

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 10:15:00 UTC
From: pbkd6aw@powergrid.electriciti.com
Message-ID: <pbkd6aw.25.000A405A@powergrid.electriciti.com>
Source record: 252403

Wish to buy a Bencher keyer either BY-1 By-2 By-3 or BY-4 in mint condition.
Please reply by e mail pbkd6aw@powergrid.electriciti.com

Thanks,
Paul Babcock KD6AW

1687. Re: Dental Fillings and Radio Frequency Signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 10:29:08 UTC
From: andyneal@ocf.berkeley.edu
Message-ID: <andyneal-0702950229080001@sharkbite.hip.berkeley.edu>
Source record: 252388

In article <3gvv75$9at@news.primenet.com>, dgbart@primenet.com (David Bartholomew) wrote:

> In article <01FEB95.18236531.0056@SEMOVM.SEMO.EDU>, GT83STU@SEMOVM.SEMO.EDU
> said...
> >
> >Would appreciate any information anyone has about persons receiving
> >R.F. signals on dental fillings or appliances. References to
> >published materials especially appreciated as are personal ancedotes.
> >Thanks in advance for any information. GT83STU@SEMOVM.SEMO.EDU

Friend of mine who used to work in college radio told me just last night that once, when she was working, a woman called her up and said the radio signal was coming through her toaster. Well, may not be that verifiable, but the concept is still pretty funny.

--A

1688. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 12:36:53 UTC
From: ehare@arrl.org
Message-ID: <1995Feb7.123653.23764@arrl.org>
Source record: 252389

David R Tucker (drt@world.std.com) wrote:

: And now some news: My wife, Angela, a quite intelligent woman, gave up
: her entire weekend to study for the exam, and is now officially N1UEZ.
: She won't be using the radio much, but she'll be legal when she does.
: Therefore, in her honor, I hereby ban, enjoin, and entirely forbid all
: derogatory comments about "clueless" Technician licensees throughout
: USENET! :-)

I would enjoy USENET even more than I do if all of the inflammatory comments
about different classes of people were lost in the bit bucket. If this is
an opportunity to vote, I vote in the affirmative!!!

73, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

1689. Looking for ARRL

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 13:05:10 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.138.0045D15E@mindspring.com>
Source record: 252344

Can someone give me a site for the ARRL? Email me if you will or leave it here. Thank you....

Don Simpson

1690. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 13:18:31 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Feb7.081831@miavx3>
Source record: 252390

In article <3h44ce$e3g@acme.freenet.columbus.oh.us>, hmarcelo@freenet.columbus.oh.us (Heidi Marcelo) writes:
> here's a simple question with wich i keep getting conflicting answers to:
> does electricity flow from positive to negative, or vice versa

Yes!

Electrons flow from a greater concentration (negative) to a point of lesser concentration (positive).

"Positive charges" flow from a point of greater concentration (positive) to a point of lesser concentration (negative).

Now all we have to do is agree "What is electricity?".

The electron tube proves the "electron theory"; magentic laws and the right-hand rule proves the "conventional" theory; now what?

73 >< Carl
K8NHE

1691. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 13:56:42 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb7.135642.12639@ke4zv.atl.ga.us>
Source record: 252345

In article <3h44ce$e3g@acme.freenet.columbus.oh.us> hmarcelo@freenet.columbus.oh.us (Heidi Marcelo) writes:
>
>here's a simple question with wich i keep getting conflicting answers to:
>does electricity flow from positive to negative, or vice versa

That depends on the majority carrier in the material. For most materials, wires, resistors, vacuum tubes, etc, the majority carrier is the electron, and electrons flow from negative to positive. For some semiconductor materials, and some gas filled tubes, the majority conductor is the hole, and holes flow from positive to negative. (It can be argued that the hole is the displacement of an electron, and thus even in that case current really flows from negative to positive.)

Back in the days before the electron was discovered, people decided, arbitrarily, that current flowed from positive to negative. They didn't know what was actually going on, but could write equations about the results of current flow and needed a way of indicating current flow direction. Well, they picked wrong, and it's stuck in physics and engineering texts to this day.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1692. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 14:27:26 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb7.142726.12780@ke4zv.atl.ga.us>
Source record: 252346

In article <D3K49v.7zI@actrix.gen.nz> brucemcg@actrix.gen.nz (Bruce McGregor) writes:
>What is the correct method of storing Ni-Cad batteries over say a
>6 month period. Fully charged or fully discharged??

The self-discharge rate is such that after 6 months of storage the
cells will be fully discharged anyway. The battery manufacturers
recomend storing NiCads discharged, and that's the way they'll be
shipped to you.

NiCads are extremely intolerant of being reverse charged. That can
easily happen with cells in *packs*. The weakest cell will fully
discharge first, and current flowing from the other cells in the
pack will reverse charge the weak cell, usually damaging or destroying
it. That's why you never attempt to fully discharge a NiCad *pack*.
The final voltage of a pack should never be allowed to drop below
the number of cells in the pack, IE if it has 6 cells, discharging
should stop when the pack voltage drops to 6 volts.

Individual cells, however, can safely be fully discharged to zero volts,
and will self-discharge to that point anyway if stored for a number of
months, so that's the best condition in which to store them.

Some professional NiCad packs are assembled so that the cells can
be discharged *separately* for conditioning or storage. Amateur
packs typically cannot have their cells individually discharged.
That's why the "run it all the way down" method of removing NiCad
"memory" from packs is so dangerous. NiCad memory is a very rare
condition that can only happen under very specific conditions. The
cell must be repetitively discharged to *exactly* the same point
several hundred times for it to get a "memory". This rarely happens
in practice.

What we typically see in practice is *voltage depression*. This is a
different condition which *appears* like "memory", but has a different
cause (extended overcharging at a low rate). It can also be cured by
fully discharging and charging a cell. Again, you can't do that *in the
pack* unless it's one of the special professional packs with provisions
for discharging individual cells *separately*.

The best course is to take care of your NiCads so that they don't
develop "memory" or voltage depression. The best way to do that
is to recharge them at random terminal voltages so that memory
will not occur, and to use a pulse charger that senses the voltage
droop at full charge and stops charging. The slow charger can damage
a partially charged cell, and should be avoided. The fast charger
that works on time can cook a partially charged NiCad, and should

also be avoided. You want to be able to bring the charge back up
to full from any random partial charge state and then *stop*.
That'll give a longer battery life than fully discharging each
of the cells of the pack and then fully recharging them each
cycle. Typical NiCad cells are good for 500 full charge cycles,
or several thousand properly controlled partial cycles. So
partial cycling is best for long cell life.

Gary
--
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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1693. YEASU SALE:2m/440 handheld "modified"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:03:52 UTC
From: ghoda@aurxcgaur.alcatel.com
Message-ID: <3h824o$pmg@aurns1.aur.alcatel.com>
Source record: 252391

Hi I have a YEASU 2m/440 handheld for sale for $400 which includes charger
new battery pack, case, rubber duck antenna, all the instructions...

It can receive/send 110-180MHZ and 410-480 and can't send but receive
800-999 MHZ

write me back to ghoda@aur.alcatel.com or call me at:

1-800-767-8147 ext:3567

1694. Re: Code Practice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:04:28 UTC
From: rhaynes@csc.com
Message-ID: <3h825s$s6a@explorer.csc.com>
Source record: 252347

I think that you can find several code practice programs at one of
two sites. I don't remember which one is which but both have ham radio
files.

Try an anonymous ftp to "SunSITE.unc.edu" and look in the
/pub/academic/agriculture/agronomy/ham directory. This is a real file path as strange as
it looks.

Also ftp to "oak.oakland.edu" and look in the /pub3/hamradio directory.
There are a large number of things there also.

Richard Haynes (rhaynes@csc.com)

John T. Wilson (jtwilson@acpub.duke.edu) wrote:

: I am currently a Technician Class operator- passed the exam about 4
: years ago and have operated very little since that time...

: Well, I miss amateur radio. Also, I now have a sailboat and do a bit
: of offshore sailing. Seems to me that having a rig on board would
: be loads of fun and a safety asset to boot.

: I would like to upgrade. Have heard that there are computer programs
: available to "teach" code. Any recommendations? Are any
: available by ftp? Commercial sources?

: Please excuse me if this info is in a FAQ or some such. I'm sort
: of new at this internet business....

: John <jtwilson@acpub.duke.edu>
: --
: John Wilson
: S/V "Shamrock"
: Bristol Channel Cutter
: jtwilson@acpub.duke.edu

1695. ICOM-2AT 2m handheld for $170

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:18:25 UTC
From: ghoda@aurxcgaur.alcatel.com
Message-ID: <3h8301$pmg@aurns1.aur.alcatel.com>
Source record: 252392

I've got a 2m handheld ICOM 2AT..
it comes with all instructions a 13.5v battery pack
wall charger and parts... for $170

write me back at: ghoda@aur.alcatel.com

or call: 1-800-767-8147 ext: 3567

1696. Re: T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:22:21 UTC
From: andrewd@ozemail.com.au
Message-ID: <3h837d$4ng@oznet03.ozemail.com.au>
Source record: 252393

In article <3h1shh$ds8@newsbf02.news.aol.com>, pauls90212@aol.com (PaulS90212) says:
>
>Just got a 6 meter amp from mirage. The TR went crazy because there were
>various cold solder joints and an undocumented mod in the TR section. I

Had similar experience with a mirage 6m amp.
On the other hand TE amps for 2m and 70cm worked perfectly out of the box all throughout a field day contest here in January. Nice gear.
VK1DA

1697. Re: SWR affected by plastic antenna tip!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:22:33 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb7.152233.13094@ke4zv.atl.ga.us>
Source record: 252394

In article <3h6htm$knt@dns1.NMSU.Edu> gereiswi@nmsu.edu (George S. Reiswig) writes:
>
>This is a strange one, but one I hope you experts might solve.
> I bought a Firestick CB antenna for my car (5/8 wave, top loaded
>3' fiberglass). As I was setting up the SWR meter, I noted that it read
>about 3:1...not good. After goofing around to try to figure out what I
>had done wrong, I took a little vinyl sleeve off the tip of the antenna,
>whcih is only about 1" long. Suddenly the SWR reads 1.3:1.
> Continuing with the experiment, I wrapped some thin cardboard
>around the tip. Again, the reading plummeted to better than 3:1.
> What gives? I guess I'll leave the tip off, but why would a
>material that is purportedly transparent to EMF affect the SWR?

The velocity factor of an RF carrying wire is a function of the
dielectric constant of the material surrounding the wire. Vacuum,
and air, are roughly 1, IE no effect, but other materials have a
greater dielectric constant. A material with a dielectric constant
of 2.45 slipped over the wire would have the effect of electrically
lengthening the wire. So what's happening is you are tuning the
antenna to a lower frequency with the vinyl sleeve. This will,
of course, increase the VSWR at the original frequency.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1698. Re: Car interference

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:29:13 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb7.152913.13186@ke4zv.atl.ga.us>
Source record: 252395

In article <2F3632BC@smtp> pve@dg13.cec.BE (VEKINIS Peter) writes:
>
>Folks:
>I recently tried to get rid of fuel pump noise in my car. According to
>information in QST, I installed a 1uF capacitor in the line and the noise
>went away; kindoff. From a S6 down to S3. But it is still there; As I am
>driving and I turn the engine off, the noise disappears (yes, I am very
>careful about this test). Does anyone have any more ideas how to fix this
>problem? Is it possible to get rid of noise totally from a moving vehicle?

You need to give the noise a little more encouragement to take the
capacitor impedance as its preferred path to ground. Put a series
choke in the power lead before the capacitor and pump. This will
raise the RF impedance seen looking out from the pump toward the
power source, thus making the capacitor look even better to the
noise. IE

```
power----))))))--x---pump
|
=
|
GND
```

Secondarily, the residual noise may be cross coupling to the radio
via the common chassis ground impedance, IE classic ground loop.
You might want to improve the ground path with strategic copper
jumpers, even the infamous negative lead run straight to the
battery.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1699. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 15:40:07 UTC
From: horak@convex.com
Message-ID: <3h848n$7rm@eugene.convex.com>
Source record: 252355

In <1995Feb7.135642.12639@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>(It can be argued that the hole is the
>displacement of an electron, and thus even in that case current really
>flows from negative to positive.)
>Back in the days before the electron was discovered, people decided,
>arbitrarily, that current flowed from positive to negative. They didn't
>know what was actually going on, but could write equations about the
>results of current flow and needed a way of indicating current flow
>direction. Well, they picked wrong, and it's stuck in physics and
>engineering texts to this day.

>Gary

This kind of reminds me of that old "dark sucker" file I saved once.......

A Humorous Interlude stolen from a local BBS, original source unknown:

A Light In The Dark

Bell Labs Prove Existence of Dark Suckers
(Reprinted from the Bell Labs Newsletter)

For years it has been believed that electric bulbs emit light.
However, recent information from Bell Labs has proven otherwise.
Electric bulbs do not emit light, they suck dark. Thus they are now
called dark suckers. The Dark Sucker Theory, according to a Bell Labs
spokesperon, proves the existence of dark, that dark has a mass
heavier than that of light, and that dark travels faster than light.

The basis of the Dark Sucker Theory is that electric bulbs suck
dark. Take for example the dark suckers in the room where you are.
There is less dark in the immediate area of the dark suckers than
there is elsewhere in the room. The larger the dark sucker, the
greater its capacity to suck dark. Dark suckers in a parking lot have
a much greater capacity than the ones in this room. As with all
things, dark suckers don't last forever. Once they are full of dark
they can no longer suck. This is proven by the black spot on a full
dark sucker. A candle is a primitive dark sucker. A new candle has a
white wick. You will notice that, after the first use, the wic turns
black -- representing all the dark which has been sucked into it. If
you hold a pencil next to the wick of an operating candle, the tip
will turn black because it got in the way of the dark flowing into the
candle.

Unfortunately, these primitive dark suckers have a very limited
range. There are, fortunately, portable dark suckers. The bulbs in

these cannot handle all of the dark by themselves, and require the use of additional dark storage units. When the dark storage unit, referred to by some as a battery, is full it must either be emptied or replaced before the portable dark sucker can operate again. In fact, if a full battery is cracked open, its contents will appear very dark.

Dark has mass. When dark goes into a dark sucker, friction from this mass generates heat. Thus it is not wise to touch an operating dark sucker. Candles present a special hazard because the dark must travel in the solid wick instead of through glass. This generates a large quantity of heat, which makes it inadvisable to touch an operating candle.

Dark is also heavier than light. If you swim deeper and deeper you notice that it slowly gets darker and darker. When you reach a depth of aproximately 80 meters, you are in total darkness. This is because the heavier dark sinks to the bottom of the water and the lighter light floats to the top. The immense power of dark can be utilized to humankind's advantage. Dark which has settled to the bottoms of lakes can be pushed through turbines to generate electricity. In this way dark can be forced into the oceans where it can be safely stored.

Prior to the invention of the turbine it was much more difficult to get dark from rivers and lakes to the oceans. The Indians recognized this problem and tried to solve it. When on a river in a canoe traveling in the same direction as the flow of dark, Indians paddled slowly, so as not to stop the flow of dark. When they traveled against the flow of dark they paddled quickly to help push the dark along its way.

Finally, it becomes clear that dark is faster than light. If you stand in an illuminated room in fromt of a closed, dark closet you notice that, as you slowly open the closet door, light slowly enters the closet. However the dark moves so quickly that you are not able to see the dark leave the closet.

In conclusion, scientists from the Bell Labs have noted that dark suckers make our lives easier and more enjoyable. So the next time you look at an electric bulb remember that its function is actually that of a dark sucker.

1700. *FOR SALE* Dual Band Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 16:07:10 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950207110451.28799C-100000@umbc8.umbc.edu>
Source record: 252396

Kenwood TW 4100A
with tone board and voive module.
asking $325.00 postage paid.
-G N3OYR

1701. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 16:41:56 UTC
From: george@news.epix.net
Message-ID: <3h87sk$qk5@grape.epix.net>
Source record: 252397

I suggest removing the fuse from the tv set. I did that here and it
cleared the TVI difficulties right up!
Serriously try moving the transmitter antenna away from the tv areal. I
have found in my own home that some TV sets are much more prone to TVI
from 2 meters than others. All of the usual provissios will apply.
Ground the set ground your rig make sure there is no rf in the shack
filters on the radio and on the set.
GC

Paul_M._Butterfield.wbst129@xerox.COM wrote:
: Hi gang,
: I am a new ham with a small HT as my first radio. In order to get the most out
: of my 5W, I have mounted a Diamond X200A dual-band antenna on my roof,
: necessarily near the TV antenna. Unfortunately whenever I xmit with this
: setup, I make snow out of the TV picture. Makes the XYL unhappy. At some
: point, I'm going to a higher power xmitter, which will make the really bad snow
: even worse!
: The only TV channels we care about are 8, 10, 13 (180, 192, and 210 MHz) and
: UHF. My radio at present is only 2m (140-150 MHz), so I'm wondering is there
: something I can do about the problem?
: Please don't suggest cable TV. I know that will fix it, but I'd like to
: postpone that expense for a few more years. If there were a cheaper solution I
: would welcome it.
: Please copy me in on your responses as I receive list output via a
: retransmission.
: 73... KB2TCG
: Paul
: butte.wbst129@xerox.com

--
****
* George Cook AA3JU Bangor, PA FN21 *
* george@peach.epix.net AA3JU@N3IQD.EPA.USA.NA *
****

1702. Mobile phone - help needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 16:54:27 UTC
From: debic@olimp.irb.hr
Message-ID: <1995Feb7.165427@olimp>
Source record: 252348

Hi everybody,

I have a question, I don't know whether this is the right place
to post it but I'll give it a try anyway :)

I have a friend who wants to buy a mobile phone and would like to
use it in Europe. Namely Austria, Germany, Switzerland.

He heard that there are at least 3 different standards out there?
So he would like to know which model (standard) to buy and what
would be the approximate price?

Thanks in advance for any hints. Boris.

1703. Re: Mobile phone - help needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 16:59:52 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <792176392snz@microvst.demon.co.uk>
Source record: 252350

In article <1995Feb7.165427@olimp> debic@olimp.irb.hr writes:

> I have a friend who wants to buy a mobile phone and would like to
> use it in Europe. Namely Austria, Germany, Switzerland.
>
> He heard that there are at least 3 different standards out there?
> So he would like to know which model (standard) to buy and what
> would be the approximate price?
>
> Thanks in advance for any hints. Boris.

Get a phone on the GSM system which is Europe-wide. Buy at any cellular phone dealer in the country where one wishes to be billed. Ask about present coverage to ensure it is already adequate in required locations.

Price about $500 with connection contract for a fancy lightweight model.

Heavier models cost less. Sets without connection contracts cost more.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

1704. Need AZDEN RF Amp

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 17:12:39 UTC
From: md_hill@CAM.ORG
Message-ID: <3h89m8$sd0@stratus.CAM.ORG>
Source record: 252398

The final RF amp (module) in my AZDEN PCS-3000 has bit the dust. AZDEN no longer stocks the part (p/n 78-000040-01 and carries the reference Q301). It would seem that someone else had the same problem before since the module thats in there is a Toshiba S-AV7.

Does anyone have either of these parts available or know of a source ?

Thanks,

Mark VE2HVW

1705. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 17:13:20 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <792177200snz@microvst.demon.co.uk>
Source record: 252349

In article <3h848n$7rm@eugene.convex.com> horak@convex.com "David Horak" writes:

> This kind of reminds me of that old "dark sucker" file I saved once.......

I shamelessly stole the following from someone else's sig.
(yup, over 4 lines!)

I don't know if you have to be British .... ?

The only things known to go faster than ordinary light is monarchy,
according to the philosopher Ly Tin Weedle. He reasoned like this: you
can't have more than one king, and tradition demands that there is no gap
between kings, so when a king dies the succession must therefore pass to
the heir *instantaneously*. Presumably, he said, there must be some
elementary particles -- kingons, or possibly queons -- that do this job,
but of course succession sometimes fails if, in mid-flight, they strike an
anti-particle, or republicon. His ambitious plans to use his discovery to
send messages, involving the careful torturing of a small king in order to
modulate the signal, were never fully expanded because, at that point, the
bar closed.
-- (Terry Pratchett, Mort)

73.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

1706. Re: TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 17:42:18 UTC
From: P22407@email.mot.com
Message-ID: <1995Feb7.175004.22151@schbbs.mot.com>
Source record: 252400
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Sender: news@schbbs.mot.com (SCHBBS News Account)
Nntp-Posting-Host: 137.162.7.206
Lines: 12

In-Reply-To: <1995Feb2.172608.20328@schbbs.mot.com>

> What does a race radio cost?
>
> Garry(WB0NNO)
>

The LEAST expensive radio I have found has 9 crystal controlled
channels, a squelch knob, and a volume knob, and it costs about
$600.00!

1707. Re: TX 150 to 154mhz range?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 18:01:01 UTC
From: P22407@email.mot.com
Message-ID: <1995Feb7.183017.22971@schbbs.mot.com>
Source record: 252401

Sender: news@schbbs.mot.com (SCHBBS News Account)
Nntp-Posting-Host: 137.162.7.206
Lines: 24

In article <9502022352591.The_Win-D.rickmcm@delphi.com>, <rickmcm@delphi.com>
writes:
> Holey Mackeral!! I can't believe you work for Motorola and ask questions
like
> that.
>
> What do you do for Motorola? Must not be anything to do with their radio
> division.
>
> The company you work for makes some of the best radios in the world. I'm not

(snip)

> Rick
>

Motorola has over 100,000 employees worldwide, and a very small percentage of
that has anything to do with radios! I do finacial work for a group that does
mechanical engineering of DoD equipment.

Assuming I have a technical knowledge about amateur radios because I work for
Motorola would be like assuming that everyone that works for General Motors
would know the specifics of a GP40 locomotive (since GM makes locomotives).

1708. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 18:07:06 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.792180426@melpar>
Source record: 252402

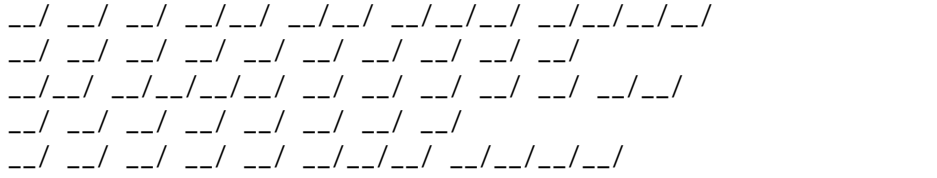
More than likely, you're just overloading the front end of
the TV set. If the feedline is coax, insert a T in the coax
before the set (or before the booster amp, if you use one) and
install an open-ended coax stub made from the same coax you use
for the feedline. Make it about 18" long and gradually trim it
off with a set of diagonal cutters, 1/4" at a time, until the
interference disappears or is minimized.

If you're using twin-lead for the TV feedline, there are similar
twin-lead stubs that can be made and inserted in parallel with the
twin-lead screws at the back of the TV set (or input to the booster
amp, if used). Check the ARRL Handbook for exact dimensions; it's best
to make it a little long and trim it to maximize the attenuation.

In either case, what you are creating is a quarter-wave stub tuned
to the 2-meter band; since the far end is open, at the resonant
frequency it reflects a short circuit across the transmission line.
I don't notice any significant degradation in TV reception, although
I'm sure the upper VHF channels (7-13) may be slightly attenuated since
they start at 174 MHz and the stub is tuned to about 146 MHz.

My TV antenna feeds a 20-dB gain booster amp in the basement through
coax, and I put the stub right at the input to the amplifier.
I run 140 watts CW & SSB, and only see faint lines on the screen when
my antenna is pointing directly at the TV antenna, which is 20' away.
Otherwise, the XYL can't tell I'm on the air. :-)

73 DE K4MSG



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

1709. Re: Is there any good study guides on the net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 18:45:41 UTC
From: lockhart@mothra.nts.uci.edu
Message-ID: <3h8f4l$oq8@news.service.uci.edu>
Source record: 252404

In article <533_9502010108@trisoft.com>,
Jelly <Jelly@f1.n328.z1.fidonet.org> wrote:
>From: curtis28@astro.ocis.temple.edu (Jelly)
>Date: 27 Jan 1995 15:56:56 GMT
>Message-Id: <3gb549$ing@cronkite.ocis.temple.edu>
>
>I'm interested in getting an amateur license and am looking for a good Mac
>program that caan prep me for the test.
>
>I've had different responses in the past, but the end result was that I
>couldn't locate the software.
>
>Thanks from a long time shortwaver!
>

No guarantee this will work. I copied it down a while ago. See the
body of the material for its origin.

~jack_

LATEST VERSIONS: Novice v3.3, Technician v3.5, General v2.3,
Advanced v2.3, Extra v2.3

This is another announcement about the MacIntosh HamStacks which I have
created. If you are not interested, press 'n' now.

I have created five HyperCard stacks to help people practice for the
written Amateur Radio tests. There is one stack for each of Novice,
Technician, General, Advanced and Extra questions. Each stack is an
interactive multiple-choice test, created from the entire question pool
for that class of license. The test is randomly generated, using the
algorithms provided for each of the tests from ARRL, so this is a real-
live simulation of the tests you will get in front of a VE. There are
some print capabilities (you can print a test with a separate answer
key, but it's slow. you can also print your results of how well you
did, along with the accompanying correct answer key) and at the end of
each test, it will tell you how well you did, allow you to review the
missed questions, and allow you to take another randomly generated test.
If you can consistently score over 90 on the tests, it's almost a sure
guarantee that you will be able to take and pass the VE proctored test.

Note that these stacks will only work on a MacIntosh computer.
HyperCard version 1.2 or later is required; they were generated with
HyperCard version 1.2. Because HyperCard data is NOT stored in any
ASCII form, there is no way that this data can be used on other
computers, including IBM PCs, so please don't ask for the impossible.

Also, I do NOT have access to email these stacks over the computerwaves, nor do I have ftp capability. There are a couple of sites which are supporting these stacks via ftp, as follows:

These stacks are supported by ftp by Charley Kline, c-kline@uiuc.edu. To access the files, type "ftp vixen.cso.uiuc.edu", log in as "anonymous", with your email address as the password. Type "binary" at the prompt, then type "cd pub/ham-radio". The five hamstacks are (eg): novice-v3.2.hqx.Z, technician-v3.3.hqx.Z, general-v2.2.hqx.Z, advanced-v2.2.hqx.Z, and extra-v2.2.hqx.Z (or similar names). To retrieve one of the files, (for example, the Novice one), type "get novice-v3.2.hqx.Z". When you're finished retrieving all the files you want, type "quit" to exit ftp. Each file must be uncompressed before moving it to the Mac: "uncompress novice-v3.2.hqx.Z". You need to use Kermit to transfer the files to the Macintosh. The files must then be un-binhexed by UnStuffit, then unstuffed by UnStuffit.

The latest versions of the stacks are shown below, and are compressed with Stuffit Classic. UnStuffit is included on the diskette. These versions include modifications for NoCode (very minor changes from v3.0 or v2.0).

Novice version 3.3
Technician version 3.5
General version 2.3
Advanced version 2.3
Extra version 2.3

If you wish to receive these PUBLIC DOMAIN stacks from me, please send me a SASE (self addressed STAMPED envelope - 2 ounces postage = .52) and 800K diskette. I will no longer send out the stacks unless the envelope has sufficient postage for return mail (in general, that means .52-.98, depending on size of envelope) and for those who send a standard business envelope, I take no responsibility for the condition of the diskette through USnail.

Thank you for your attention.

Diana L. Carlson
3 Spruce Street
Hudson, NH 03051
Internet: dls@genrad.com

1710. Space Shuttle and Satellites

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 19:12:10 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf377f1f.092@lan.mcl.bdm.com>
Source record: 252405

With all of the excitement surrounding the rendezvous with MIR, I have taken another look at working the shuttle and using satellites. If anyone has any information or help, i'd be grateful. Also, are there any satellite tracking programs that I could ftp?

tnx in advance.

Warren Whitby
wwhitby@aol.com - Home
wwhitby@lan.mcl.bdm.com - Work
73s de KE4ITL

1711. Surplus parts?? Albany, where??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 19:22:34 UTC
From: balmap@jec3210-04.its.rpi.edu
Message-ID: <3h8h9q$dk@usenet.rpi.edu>
Source record: 252406

Does anyone know of a good surplus electronics store in the Albany New York area, or are there any upcoming hamfests?? Thanks for the info.

1712. Re: how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 19:36:02 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Feb7143603@rinhp750.gmr.com>
Source record: 252407

In article <3h66qb$h3j@godot.cc.duq.edu> SYJERRY@duq3.cc.duq.edu (Sy Jerry) writes:
I have just started using an iambic key and only use one paddle at
a time (no squeezing) to generate my dih and dahs.

can somebody tell me what the the characters that can take advantage
of squeezing the two paddles ? also, any additional techiniques for
more efficient use.

Any character that has one or more elements (dit or dah) surrounded by
the other element will qualify. Examples are
C dah-dit-dah-dit dah pressed first and released first
F dit-dit-dah-dit hold dit, tap dah after second dit starts
K dah-dit-dah hold dah, tap dit after dah starts
... and so on...

There doesn't seem to be a 'standard' for paddle wiring. Some folks
have dits on the thumb, some want dahs there. Some folks send right
handed, some left handed. Do whatever seems 'right' to you. I prefer
to hold a pencil in my right hand (I'm right handed) and send with
my left hand. I believe my left thumb is less responsive than my
left index finger, so I key the dahs with the thumb. I believe most
people prefer a different style, but this one works for me.

FWIW: I've tried to use a straight key and it sounds HORRIBLE. I learned
on the paddles (implies a keyer does my character element generation)
and never developed the timing for a straight key.

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

1713. Re: Sked for the following states!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 19:51:00 UTC
From: bcoleman@hayes.com
Message-ID: <1995Feb7.155101.9687@hayes>
Source record: 252409

In article <sdarragh-310195144225@mrobles-mac.cisco.com>, sdarragh@cisco.com (Scott Darragh) writes:
> I need the following states to finish my WAS I only need 9 more please
> help. If you can help me out please do? I would like to do it on a
> weekend.
>
> North Dakota > Minnesota > Wisconsin > Missouri > Delaware > Vermont
> Maine > Rhode Island > New Hampshire

If you can wait until the forth weekend in June, you can easily work all 50 states on both CW and SSB in one weekend.

Or, if you miss a couple, you can wait until the CW or SSB Sweepstakes in November.

Either way, working all 50 in a contest weekend isn't really difficult.

Don't overlook radio contests in your quest for awards. They can produce contacts you might never otherwise complete.

Besides, they are a lot of fun!

--
Bill Coleman, AA4LR ! Internet: bcoleman@hayes.com
Principal Software Engineer ! AppleLink: D1958
Hayes Microcomputer Products, Inc. ! CIS: 76067,2327
POB 105203 Atlanta, GA 30348 USA !
Disclaimer: "My employer doesn't pay me to have opinions."
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

1714. New Atlanta Hamfest - HamRadio 95 - April 7,8,9

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 19:56:29 UTC
From: w4qo@atl1.america.net
Message-ID: <w4qo.792186300@atl1>
Source record: 252410

A new hamfest called HamRadio 95 is coming to Atlanta on April 7-8-9,1995. To be held at the North Atlanta Trade Center off I-85 and Indian Trail, the show promises to be a good one with major commercial exhibits and hundreds of flea market spaces. To be held concurrently will be DXPO 95, a DXers delight sponsored by the Southeastern DX Club. A full track of forum speakers includes Al Hernandez, VP8SGP who will just have returned from South Georgia Island. Many other famous DXers will be speaking and in attendance. Gordon West will be the featured speaker at the Saturday evening banquet and Bob Grove will be a featured speaker at a Saturday SWL forum as well. Other forums include a QRP forum with Paul Carr-CQ author, and Packet with Buck Rogers, also of CQ fame. This ARRL section convention will host a number of representatives from the ARRL including Rick Palms and Frank Butler. QCWA, MARS, the FCC, ATV, and the SE Antique Radio Society will also be topics of discussion and presentation. For further information, call 404-518-7376 or fax 404-642-9035. Dogwoods will be in bloom, so join us for HamRadio 95!

1715. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 20:03:15 UTC
From: z61535@muskat.NoSubdomain.NoDomain
Message-ID: <3h8jm3$ptc@clavin.uprc.com>
Source record: 252538
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <9265@raven.ukc.ac.uk>, jmk@ukc.ac.uk (J.M.King) writes:
|> >
|> >> "England's not a bad country ... it's just a mean, cold, ugly, divided,
|> >> tired, clapped out, post-imperial, post-industrial slag-heap covered in
|> >> polystyrene hamburger cartons." -- Margaret Drabble.
|> >
|>
|> Didn't they make her a Dame? That was a bad decision!
|>
|> James.
|>
|>
|>
I suppose. Here in America, "Dames" are self-made!
--

A priest asked: What is Fate, Master?
And he answered:
It is that which gives a beast of burden its reason for existence.
It is that which men in former times had to bear upon their backs.
It is that which has caused nations to build byways from City to City
upon which carts and coaches pass, and alongside which inns have come
to be built to stave off Hunger, Thirst and Weariness.
And that is Fate? said the priest.
Fate ... I thought you said Freight, responded the Master.
That's all right, said the priest. I wanted to know what
Freight was too.
-- Kehlog Albran, "The Profit"

1716. Re: The legacy of the no-code tech license

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 20:19:32 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf378ef5.018@lan.mcl.bdm.com>
Source record: 252411

>>Gate One will allow a previous holder of a call
>>sign to apply for that call sign or, where the holder is deceased, a
>>close relative could apply, even if he or she is not otherwise
>>eligible to hold the call sign

>Great. The League shafts amateurs again. Thanks to this gem, we now
>end up with no-clue CBer's without HF access holding W and K-prefix
>1x2 calls.

I started in scanners, worked a little 11m but left because of the lewd language and profanity. I became a Technician and am proud not to have heard any profanity in over two years of listening, except for one occasion over a repeater. The gentleman who let that word slip immediately appologized to the person he was speaking with and anyone who may have been listening. I purchase a shortwave receiver and listen to 20m and 80m phone. I was shocked to hear the same kind of trash and horrible operating practices that could be plainly heard on the CB band. What kind of incentive is that to upgrade? It would be like stepping from the curb into the gutter.

BTW, I don't hear any "no-code" technicians on HF. If we are wrecking amateur radio as the gentleman claims, why are parts of the HF band sewers without us?

Warren Whitby
wwhitby@lan.mcl.bdm.com
73s de KE4ITL
"Technician class and proud to be a ham"

1717. ARLB012 Allocations at 2400 MHz

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 20:37:28 UTC
From: w1aw@arrl.org
Message-ID: <$arlb012.1995@ampr.org>
Source record: 252412
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB012
ARLB012 Allocations at 2400 MHz

ZCZC AG78
QST de W1AW
ARRL Bulletin 12 ARLB012
From ARRL Headquarters
Newington CT February 7, 1995
To all radio amateurs

SB QST ARL ARLB012
ARLB012 Allocations at 2400 MHz

Allocations at 2400 MHz

The FCC has reallocated 50 MHz of spectrum, including 2390 to 2400 and 2402 to 2417 MHz, from government use. The Commission made these segments available for unlicensed, low-power devices including wireless LANs. At the same time, the FCC elevated Amateur Radio's status in those segments from secondary to primary. This means that amateurs will not have to protect any other user of those bands, and amateur stations are entitled to protection against interference.

The Commission made available 2390 to 2400 MHz for use by unlicensed Personal Communications Services (PCS), and provided for continued use of 2402 to 2417 MHz by traditional unlicensed ''Part 15'' electronic devices.

The unlicensed PCS devices, which include wireless networking and data transfer devices, will be governed by the same rules that apply to PCS devices operating in the 1910 to 1920 MHz band.

The FCC said it believes these allocations will provide for the continued development and implementation of a new generation of advanced communication devices and services, including a new ''on ramp'' to the information superhighway.

The remainder of the 50 MHz of allocated spectrum is at 4660 to 4685 MHz, to fixed and mobile services, an allocation not directly affecting amateurs. (Action in ET Docket 94-32.)
NNNN
/EX

1718. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 20:56:07 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D3nE5J.D32@nctams1.uucp>
Source record: 252413

One of my instructors in my Navy 'A' school put it this way:
I'd like to see one of those wholes jump across that gap
in that tube.

(For you Queen's English speakers, substitute valve for tube in
the above... :)

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

1719. test

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 20:56:51 UTC
From: nacec@millcomm.com
Message-ID: <3h8mqj$spc@news.millcomm.com>
Source record: 252414

Hello all, Just TESTING......

Have a good day.

Edward
Minneapolis

1720. Vanity Callsign Humor

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 20:59:40 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <3h8mvs$j2g@agate.berkeley.edu>
Source record: 252415

> > ''starting gates.'' Gate One will allow a previous holder of a call
> > sign to apply for that call sign or, where the holder is deceased, a
> > close relative could apply, even if he or she is not otherwise
> > eligible to hold the call sign.
> I wonder what the definition of "close relative" is? My mother's
> brother (ie my uncle) was a ham in the 30's in Washington state.
> He let his license lapse, but his call was never reissued.
> I have a different last name. Can I claim his call if I have his
> son's permission? (assuming I want to...I can't decide if I want
> to be a W7 in 4-land....)
[stuff deleted]
> Is it just me, or do some of you others think this whole vanity
> call-sign procedure will be chaotic?
> I pred t many will ignore the gates. I also predict there are
> quite a few people out there who will try to claim the 1x2 call
> of their mother's 3rd cousin in Omaha. Who is the gate-keeper
> who decides whether a request is legitimate?
>

Well, I don't want to sound morbid, but how long will it take before
hams start killing off their least favorite ham relatives just to
get a coveted callsign?

[Name and address withheld due to weirdness of the preceeding]
PS - I did not add the following text - it's from the anon service.

Shipley found us 45 pounds of dynamite. If they chop down another tree
then we'll blow it up.

For more information about this anonymous posting service,please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.
This message contains automatically generated keyword blocks
that have been designed to resemble a threat. These blocks
are not a statement of intent by the remailer operator or anyone else.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 5 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
====Encrypted-Sender-End====

1721. Help decoding Mitrek radio...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 21:34:20 UTC
From: dj1@vax1.mankato.msus.edu
Message-ID: <1995Feb7.163420.1@vax1.mankato.msus.edu>
Source record: 252416

Hello,

I just got hold of a Motorola Mitrek radio and have some questions..

It is model# T53JJA1900AK from my manual, it is a 60 watt radio, 4 channel, with CSQ. My question is the AK.. what exactly does this mean? It isn't listed in my manual. Also the chassis numbers and the power amp board #'s aren't shown in my manual. Chassis #HUD1012A and Power Amp #HLD4022A3. Could this just be a running revision or ???? I just bought the manual for my other Mitreks and they are listed. Many thanks for you time in helping me.

Sean / N0PBA @ N0PBA.#SCMN.MN.USA.NOAM / DJ1 @ VAX1.MANKATO.MSUS.EDU

1722. Audio problem with HR2510/Lincoln

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 21:42:06 UTC
From: lakki@krksun.krk.fi
Message-ID: <1995Feb7.214206.1289@krk.fi>
Source record: 252417

Can someone help me with my HR-2510 ...

It makes a terrible POP sound when squelch closes and when you press the PTT.
And when you talk on AM or SSB your speech can be heard from the loudspeaker

Have anyone faced the same problems? I am using this radio with a transverter,
it works fine! Only these small details bother me.

Mail to lakki@krk.fi

/Erik
--
E r i k F i n s k a s O H 2 L A K
=---=
InterNet: Lakki@krk.fi -=- Sammalkalliontie 4 E 40
AX.25: OH2LAK@OH2RBJ.FIN.EU -=- FIN - 02210 Espoo 21
AmprNet: OH2LAK@OH2LAK.AMPR.ORG -=- GSM: +358-(9)40-500 6800
=---=
H A M R A D I O - T H E R E A L T H I N G

1723. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 21:47:49 UTC
From: lenny.carwile@richcon.com
Message-ID: <9502071801276603@richcon.com>
Source record: 252354

I sligltly disagree with you..CW is a skill, but a personnal one..
If you really want to talk to someone in HONG KONG just call them on the telephone..No real skill in doing this is it..But to communicate with someone who speaks a different language (but the same CW language) is a skill..To copy someone sending CW when its about five other stations on the same freq or close to it is a skill..Sure all modes have skilled operators but to copy a station and send to him without a amp or beam and get thru a pileup on CW is also a skill..(and dont forget the bad sunspot cycle at this time)..I admit I am Bias a little but I only use a barefoot transceiver and a vertical and I can not fathom any other mode but CW that I could have 300 countries confirmed..Maybe someday I will invest in some expensive antennas and ampes and TNC's and computers. Maybe it could be fun..After all thats what Ham Radio is about anyway is fun..(I do ask myself sometimes why would anyone sane stay up half the night just to get a 599 from a new one) N4RUM Virginia

1724. Shortwave Broadcast Intership

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 21:48:48 UTC
From: mdaless@eis.calstate.edu
Message-ID: <3h8ps0$j5@eis.calstate.edu>
Source record: 252418

Everybody-
At our high school, seniors are required to get an internship at
an company or organization outside our school. Members of our school
amateur radio club have expressed an interest in working at a shortwave
broadcast station. These students have advanced class amateur radio
licenses and are knowledgable of basic radio and electronics principles.
They are willing to learn, and most importantly, work for free. If
anybody out there knows people who work for a shortwave broadcast station
anywhere in the world, please respond to my e-mail (mattd@branson.org).
Internships in any aspect of the shortwave broadcast industry would be a
fantastic opportunity for these students.

--
Matthew A. d'Alessio
/\/\d'A

1725. seeking classes in SF bay area

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 22:02:33 UTC
From: NFullagar@ccgate.apl.COM
Message-ID: <9501077921.AA792194814@ccgate.apl.com>
Source record: 252419

I know at least one person, probably more, who would like to find novice/tech classes soon in or near San Francisco. Any known?

BTW, Mt. Diablo ARC started classes - all levels - last Tuesday in Pleasant Hill. Due to some publicity confusion, probably some people will be coming for the first time tonight. Unfortunately, the person looking for a novice/tech class can't come to this one...

Anyone with information, please email me direct. Thank you.

Neil KE6NCX
nfullagar@ccgate.apl.com

1726. Re: Code Practice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 22:13:48 UTC
From: drr@dana.ucc.nau.edu
Message-ID: <3h8ras$am2@ruby.ucc.nau.edu>
Source record: 252420

John T. Wilson (jtwilson@acpub.duke.edu) wrote:

: I would like to upgrade. Have heard that there are computer programs
: available to "teach" code. Any recommendations? Are any
: available by ftp? Commercial sources?

I recently upgraded to tech plus. In my opinion, it is easier to first
learn code from tapes and then increase your speed using a computer
program. The program I use is called Super Morse (filename sm*.zip).
Dennis

--

Dennis Rice drr@dana.ucc.nau.edu
NAU Flagstaff KC7FQD
Northern Arizona Young Life NAU Amatuer Radio Club

1727. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 22:22:41 UTC
From: c21rag@kocrsv01.delcoelect.com
Message-ID: <3h8rrh$j4@kocrsv08.delcoelect.com>
Source record: 252421

In article <3h64u2$ihc@overload.lbl.gov>, RGBeckett@lbl.gov (Rich Beckett) writes:
> I am teaching a clas for prospective hams. One of the students asked
> exactly where do the different frequency designations start and stop?
> LF, HF, VHF, UHF and VHF?
>
> Thanks,
>
> Rich WB6EEE

VLF 3-30 Khz
LF 30-300 Khz
MF 300-3000 Khz
HF 3-30 Mhz
VHF 30-300 Mhz
UHF 300-3000 Mhz
and I think 3-30 Ghz is SHF.

Anything over that is GDHF. :)

Roger Grady K9OPO c21rag@kocrsv01.delcoelect.com
Delco Electronics Corp. Kokomo, IN
"All information and opinions are strictly personal."

1728. Re: 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 22:35:52 UTC
From: seront@seism1.ess.sunysb.edu
Message-ID: <3h8ou4$n8i@adam.cc.sunysb.edu>
Source record: 252422

robert.brandon@camel.com (ROBERT BRANDON) wrote:
>I'll be travelling in France in September and would like to take my HT.
>Two questions: Has anyone gone through French permit process lately?
>Is it a hassle, expensive, etc.? Also, I've read somewhere that
>European repeaters use a 1750 Hz tone burst. Is this common in France?
>If so, it would probably be a hassle to use my Kenwood TH-22AT. Thanks,

In France all the repeaters are opened by a 1750 Hz tone burst. CTCSS or DTMF codes to access
repeaters are forbidden (!) This means that all the repeaters are open. Phone patch is also forbidden.

Do not forget that the 2 m band is 144 to 146 only in France (although there is quit a lot of illegal traffic
between 146 and 147, including packet bbs!).

I have no idea on how to obtain a visitor permit, as I got my license in the us.
If you want a map of the repeaters, let me know i will try to fing one in a French magazine,
and send you a scanned version.

Have fun
Bernard , KB2TGH.

1729. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 22:52:22 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <D3nJJB.4tF@cherokee.nsuok.edu>
Source record: 252423

<3gfm4h$oio@news.halcyon.com> <3goaro$7jj@mercury.wright.edu>

I really like my call, KG5TV. It is fitting because I am a
satellite television enthusiast/hobbyist.

But what's REALLY fun is that I have my ham call license
plates (in Oklahoma $2 per year). You would not believe
the special treatment I get from everyone from parking
valets to the McDonald's drive in girls because they think
I'm some big shot television executive. HI HI HI

73 de Charles (KG5TV) veith@cherokee.nsuok.edu

1730. City Of Phoenix Jobs

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 22:57:25 UTC
From: mike@ramp.com
Message-ID: <3h8tsl$o2v@taz.ramp.com>
Source record: 252424

Two employment lists are currently open for application:

Communications Tech II $33,426 - $39,437

Communications Tech I $25,917 - $33,426

If you are a resident of Maricopa County and have a valid Arizona
driver's license, you can apply at :

City of Phoenix Personnel Department
Employment Services Division
135 North Seconds Avenue
Phoenix, Arizona 85003-2018
602-252-JOBS

The list is valid for ONE YEAR. During that time, any City department
seeking this type of employee *must* hire from the list.

If this notice goes beyond Arizona, please disregard. I made every
attempt to limit its scope.

--
| Mike Carter N7GYX | Experimentation and testing is called research.
+----------------------+ Failure and success is called knowledge.
| MAD ROCKET SCIENTIST | Banning and prohibition is stupidity and fear.

1731. Re: SWR affected by plastic antenna tip!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 23:08:48 UTC
From: rzaa80@email.mot.com
Message-ID: <rzaa80-070295160848@jungle.sps.mot.com>
Source record: 252425

In article <3h6htm$knt@dns1.NMSU.Edu>, gereiswi@nmsu.edu (George S. Reiswig) wrote:

>
> This is a strange one, but one I hope you experts might solve.
> I bought a Firestick CB antenna for my car (5/8 wave, top loaded
> 3' fiberglass). As I was setting up the SWR meter, I noted that it read
> about 3:1...not good. After goofing around to try to figure out what I
> had done wrong, I took a little vinyl sleeve off the tip of the antenna,
> whcih is only about 1" long. Suddenly the SWR reads 1.3:1.
> Continuing with the experiment, I wrapped some thin cardboard
> around the tip. Again, the reading plummeted to better than 3:1.
> What gives? I guess I'll leave the tip off, but why would a
> material that is purportedly transparent to EMF affect the SWR?
> Thanks in advance!

I noticed the same problem when tuning the CB in my truck while using a 3' Firestick. I just did the measurements with the plastic cap on, removed it to tune, then replaced it and measured it again. I'm guessing your antenna has the little threaded slug under the end cap? After enough iterations, I was able to tune it in with the cap in place. Not sure why a little piece of plastic affects the antenna so much.

--
Jim Chott Motorola Dust Devils 4WD Club
KC7BXT 1995 Jeep Cherokee Sport
rzaa80@email.mot.com 1985 Toyota XtraCab SR5 4WD pickup
Tempe, AZ 1972 Pontiac LeMans Sport Convertible

1732. The legacy of the no-code tech license

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 23:46:41 UTC
From: jangus@skyld.grendel.com
Message-ID: <792200801snx@skyld.grendel.com>
Source record: 252426

In article <sf378ef5.018@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM writes:

> BTW, I don't hear any "no-code" technicians on HF. If we are wrecking
> amateur radio as the gentleman claims, why are parts of the HF band
> sewers without us?

Shhhhh.... You're not supposed to ask that question. It ruins their agenda.

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1733. IPS Daily Report - 07 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 23:53:52 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb7.235352.11107@ips.oz.au>
Source record: 252427
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 07/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 07 FEBRUARY AND FORECAST FOR 08 FEBRUARY - 10 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 06 Feb
Daily Proton Fluence >1 MeV: 1.4E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 2.7E+08 (moderate)
X-ray background: A5.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Feb 09 Feb 10 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Feb: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 06 Feb
Learmonth 6 3222 1112
Fredericksburg 12 10
Planetary 7 8

Observed Kp for 06 Feb: 2222 2322
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
08 Feb 5 Quiet
09 Feb 5 Quiet
10 Feb 5 Quiet
COMMENT: Geomagnetic activity forecast for 6-8 Feb has not
eventuated. Active levels are possible 12-13 Feb, due to a
coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
07 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Feb normal normal normal
09 Feb normal normal normal
10 Feb normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
07 Feb 31 near predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
08 Feb 25 Near predicted monthly values
09 Feb 25 Near predicted monthly values
10 Feb 25 Near predicted monthly values
COMMENT: Degraded conditions forecast for 6-8 Feb have not
eventuated. Townsville frequencies 7 Feb: some night-time
enhancements. Hobart frequencies 7 Feb: near predicted
monthly values.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1734. motorcycle to motorcycle ham helmets?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-07 23:56:35 UTC
From: graef@comtch.iea.com
Message-ID: <3h91bj$huk@krel.iea.com>
Source record: 252328

[No readable article body recovered]

1735. Re: The legacy of the no-code tech license

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 00:50:27 UTC
From: jeff@NH6IL
Message-ID: <D3np03.FC6@news.hawaii.edu>
Source record: 252329

In article <sf378ef5.018@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:

> I purchase a shortwave receiver and
>listen to 20m and 80m phone. I was shocked to hear the same kind of
>trash and horrible operating practices that could be plainly heard on the
>CB band. What kind of incentive is that to upgrade? It would be like
>stepping from the curb into the gutter.

Hi Warren,
I invite you to tune in to the CW portion of any HF band. Everyone is
a gentleman (or lady); there's an ocassional kook that'll pop up but
instances like that are rare.

Jeff NH6IL

1736. WANTED: MANUAL FOR HICKOK OSCILLOSCOPE, MOD.677

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 01:07:47 UTC
From: radio@postoffice.ptd.net
Message-ID: <D3npsz.FAs@postoffice.ptd.net>
Source record: 252330

If anyone has a manual for the Hickok oscilloscope Model 677 please
contact me at radio@postoffice.ptd.net.
I need schematics in order to repair. Any reply would be greatly
appreciated.....73...N3MXG

1737. IPS Daily Report - 07 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 01:09:58 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb8.010958.12005@ips.oz.au>
Source record: 252331
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT

REVISED EDITION - SEE GEOMAGNETIC
FORECAST AND COMMENT IN SECTION 2

ISSUED AT 08/0100Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 07 FEBRUARY AND FORECAST FOR 08 FEBRUARY - 10 FEBRUARY

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X-ray background: A5.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Feb 09 Feb 10 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Feb: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 06 Feb
Learmonth 6 3222 1112
Fredericksburg 12 10
Planetary 7 8

Observed Kp for 06 Feb: 2222 2322
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
08 Feb 20 Unsettled - Active
09 Feb 10 Quiet - Unsettled
10 Feb 5 Quiet
COMMENT: Geomagnetic activity increased very late in the UT day

on 7 Feb, with unsettled-active levels now expected over the next
24 hours. This activity was previously forecast to begin 6 Feb.
Active levels are possible 12-13 Feb, due to a coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
07 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Feb normal normal normal
09 Feb normal normal normal
10 Feb normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
07 Feb 31 near predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
08 Feb 25 Near predicted monthly values
09 Feb 25 Near predicted monthly values
10 Feb 25 Near predicted monthly values
COMMENT: Degraded conditions forecast for 6-8 Feb have not
eventuated. Townsville frequencies 7 Feb: some night-time
enhancements. Hobart frequencies 7 Feb: near predicted
monthly values.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1738. Re: Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 01:11:38 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3npzF.Ft0@news.hawaii.edu>
Source record: 252332

In article <3gl2pn$1bp@newsbf02.news.aol.com> imsusan@aol.com (IM SUSAN) writes:
>It looks like a small few would like to speak for the majority. I for one
>will speak for myself. Leave the ham radio autors alone, and take your
>spams & flames to some other usenet. Hams who create and offer something
>for other hams should be allowed to speak about the product they create.
>You are not the FCC and this is not the amateur radio band. Commercial
>discussion is NOT prohibited here.

You're entirely right, IM:

I'm going to start a business offering visiting hams to Hawaii
sailing and scuba diving lessons. They can operate maritime
mobile from my sailboat, and while diving (waterproof pouch for your
HT included free with each lesson!). And I'll provide Morse code
instruction during the sailing lessons for those wishing to upgrade.

With your permission I'll do all my advertising right here.
To heck with the accepted peer customs that have been in place
for years. This is the I'll-do-what-I-please generation so it's
okay to break from tradition.

Is that alright with you, IM?

And each of the estimated 30,000 readers to this newsgroup can do
the same. I'm sure every one of them can think of a ham-related business
to run on here. 30,000 ads per week. Better than QST+73+CQ!

73 from beautiful Hawaii,
Jeff NH6IL

1739. Icom IC-2340 Mods, anyone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 01:17:18 UTC
From: X32KB@CUNYVM.CUNY.EDU
Message-ID: <95038.201718X32KB@CUNYVM.CUNY.EDU>
Source record: 252333

Hi, does anyone have or know where i can find, any mods to the Icom IC-2340 dual band mobile. It's a fairly new rig and it's not on any of the ftp sites i checked. Thanks. Please e-mail me.

Moshe, N2ORH
x32kb@cunyvm.cuny.edu

1740. Re: Tesla Coil Info?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 01:45:27 UTC
From: gc@universe.digex.net
Message-ID: <3h97nn$afr@universe.digex.net>
Source record: 252334

In article <3gut5l$jqp@s-cwis.unomaha.edu>,
Kevin Barton <kbarton@cwis.unomaha.edu> wrote:
> This may not be the most appropriate group, but I believe it is
>the best informed group for this request. I need technical info on succes-
>sful designs. Specific designs for largish TC's (> than 200kV) would
>be best, but good complete theoretical treatment would be helpful as well.

I have no experience with Tesla coils myself (but have seen
some impressive demonstrations). But the following two items
might be of interest:

There is a Tesla coil builders society. Unfortunately, I don't have
their address, but they set up a table at the Richmond, VA hamfest.
Maybe someone else reading this will remember an address.

There is a "TESLA" file on the ARRL server. The info on the file is:

TESLA 8k 930916 Where to get info about Tesla coil - construction
article

To get this file send Email to info@arrl.org with the one line
command:
send TESLA

For more information on the info server send commands:
index
help

gc

1741. Re: Looking for ARRL

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 01:58:32 UTC
From: Bill@halcyon.com
Message-ID: <3h9bsp$s8@news.halcyon.com>
Source record: 252335

>
> Can someone give me a site for the ARRL? Email me if you will or leave it
> here. Thank you....
>
>
> Don Simpson

Hi Don,

You can reach the ARRL by sending a message as follows:

info@arrl.org
leave subject blank
Put the following lines in the body of the message
help
index
quit

Hope that helps.

Bill

1742. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 02:06:12 UTC
From: fsrla@aurora.alaska.edu
Message-ID: <1995Feb7.170612.1@aurora.alaska.edu>
Source record: 252336

In article <791859811snx@skyld.grendel.com>, jangus@skyld.grendel.com (Jeffrey D. Angus) writes:
>

> Rest of the rant deleted. Hey Mike, why do you have to carry on like
> an asshole over in this group. You don't act like this in biz.sco.
>
> You suffering from CB-itis? (Instant asshole, just add mmicrophone)
>
Hrrrmmmmm.....fight bigotry with bigotry???? That's an interesting one.

> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
> US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

Roger Asbury : "So, Can you destroy the Earth?" |
fsrla@aurora.alaska.edu : "Egad, I hope not. That's where I keep all |
WL7NT : my stuff!" ~~The Tick~~ |

1743. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 02:42:08 UTC
From: gc@universe.digex.net
Message-ID: <3h9b20$cmp@universe.digex.net>
Source record: 252337

In article <3h44ce$e3g@acme.freenet.columbus.oh.us>,
Heidi Marcelo <hmarcelo@freenet.columbus.oh.us> wrote:
>
>here's a simple question with wich i keep getting conflicting answers to:
>does electricity flow from positive to negative, or vice versa

Yes, either (or both)!

If you learned to think of the flow of electricity as being like
water flowing, the answer to this question might be a little strange,
because it could be either direction.

The "conventional current flow" (which someone already mentioned) is
the direction of flow of positive charge. Positive charge flows
from the positive terminal of the power supply, through the circuit
and back to the negative terminal.

The electron flow is, of course, the direction electrons are flowing.
Since they have negative charge they flow from the negative
power supply (or battery) terminal through the circuit to the positive
terminal.

You might wonder why anyone would use conventional current flow
since it is actually negatively charged electrons flowing through
the wires. For many purposes it doesn't matter what the charge
is being carried by. When you are working with capacitors, inductors,
resistors, transformers and motors you can work with positive
current flow and you don't have to know that there are electrons in the wire.
In fact, there is no way to tell.

Vacuum tubes are a bit harder to understand unless you know about
electrons flowing from the cathode to the anode (plate).

Bipolar transistors add a bit to the discussion. They have both
negative charges (electrons) flowing from negative to positive
and positive charges (holes) flowing from positive to negative.
A hole is just a place in the silicon crystal structure where
an electron _isn't_ but normally would be.

gc

1744. DJ-180TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 02:50:40 UTC
From: RedFive@ix.netcom.com
Message-ID: <3h9bi0$7p2@ixnews3.ix.netcom.com>
Source record: 252338

I'm interested in purchasing this ht, used, and would like some remarks towards or against it. If anyone has one and can tell me about it or tell me if it's missing something that it should have, please let me know :)

Thanks in advance,
Eric
KE6OYT

1745. ****For Sale: 2 Meter Mobile cheap!****

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 04:18:19 UTC
From: blackwells@yvax.byu.edu
Message-ID: <1995Feb7.211819@yvax.byu.edu>
Source record: 252339

I still have an ICOM IC-255a 2 Meter Mobile for sale. It is about 6 years old and runs 25 watts. It is in good condition and has only been used on an autopatch - not seen a lot of travel.

Will sell for $180 firm.
Need to sell to finance a new baby. (Hmmm...I guess that sounds right!)
Steve
blackwells@yvax.byu.edu

1746. Houston Tx VE Exams

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 04:21:11 UTC
From: biekert@phoenix.phoenix.net
Message-ID: <3h9h1o$88@gryphon.phoenix.net>
Source record: 252340

The Clear Lake ARC will hold its monthly ARRL VE Exams Saturday Feb 11

WHEN: Sat Feb 11, checkin 9am, tests start at 9:30am

WHERE: Clear Lake Prebyterian Church 1511 El Dorado Blvd. Enter the WEST side of the old church and follow the signs

WHAT: Bring;
* Original AND copy of most current license
* Original AND copy of any valid CSCEs
* 2 forms of ID, one photo
* Current test fee $5.90

We have 610 forms and people to help you get registered.

Contact our VE team lead Jim Heil jheil@phoenix.net 486-2032 for more information

73 de Bob KA5GLX

Bob Biekert Houston, Texas KA5GLX Join the Clear Lake ARC

1747. Re: SWR affected by plastic antenna tip!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 05:28:52 UTC
From: cjds@ix.netcom.com
Message-ID: <3h9kqk$ao7@ixnews3.ix.netcom.com>
Source record: 252341

Also, remember that some types of plastic, specifically PVC are RF sponges, and some have been known to melt at relatively low power levels. That means the energy is going somewhere and doing you no good. Maybe the BEST thing is to remove the cap. Also, for the antenna you describe, if it is a loaded 1/4 wave, the end will be at a very high voltage potential, another potential location for RF to be sucked up, and SWR measurements out of sight!

Bill Horger, KC0IO

1748. Re: Uhh, what happened?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 06:40:03 UTC
From: gills@ix.netcom.com
Message-ID: <3h9p03$1c9@ixnews1.ix.netcom.com>
Source record: 252342

In <marke-0702952057200001@pm141.smartdocs.com> marke@smartdocs.com
(Mark Allin Economou) writes:

>
>In article <3h65ae$62n@usenet.srv.cis.pitt.edu>, szekeres+@pitt.edu
(Greg
>J Szekeres) wrote:
>
>> In article <3h5ma9$h40@newstand.syr.edu>,
>> Lost in a FOG <mtwoodwa@mailbox.syr.edu> wrote:
>> ->Um... Did Amateur Radio just up and die recently?
>> ->I can't beleive no one is posting to rec.ham-radio!
>> ->
>> -> - just another Ham
>> ->
>> ->
>> i'm still here....
>>
>> Greg N6GS
>
>Guess I'm here too, I'm spending too much time on the radio and not on
the
>computer!
>
>*****************************
>Mark A. Economou
>marke@smartdocs.com
>FAA, ATC (SMO)
>_____________________________
>

I just got here but I'll check back again to see if this News Group
grows.

Ron
NV4U

1749. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 08:06:24 UTC
From: Phil <mir@delphi.com>
Message-ID: <BuyZD5I.mir@delphi.com>
Source record: 252292

Hi Larry,
I have an R-7 and also have no idea what the Ferrite Beads would do, other than create a mis-match in your feed line.

With any antenna, if located very near the equipment and not well grounded the potential for RF feed back will increase greatly.
3kw anntena tuner with the antenna on my roof
20 feet above ground on the opposite side of the house from my station and have not had any feed back problems. The tuner keeps a nice flat SWR and the ant. works very well. I have had it for about four years and there is a problem that seems to develop in all R-7's. After a few years the rivit that holds the main bottom section into the fiber glass boot at the base of the antenna tends to get loose. After a few years there is a lot of play. Some guys have been known to drill a hold right through the fiber glass boot and antenna base, then insert a small bolt and nut for extra protection in case the rivit gives way... When you look at the antenna contruction you will understand what I'm saying. Other than that, my R-7 has done very well living through 3 northeast winters. wind, snow, ice and all!!!
Have fun with your R-7 and follow the instructions regarding the feed line. RG-8 will do fine!!!
In the meantime, 73, de Phil
WB2DHY

1750. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 09:17:00 UTC
From: adamn7vew@aol.com
Message-ID: <3ha26c$e7t@newsbf02.news.aol.com>
Source record: 252293

I owned an R7 and worked 150 countries on 100 watts in less than 6 months on it. It has a great low angle of radiation for DX. However, the gentleman who spoke about RFI was correct. I would recommend running at the very least a good ground bus and antenna ground, as well as a low-pass filter (B&W makes a nice one, as does NYE) before the feedline leaves the shack. An omnidirectional antenna is just naturally prone to creating more interference on TVs and phones than is a beam or a quad.

Adam N7VEW

AdamN7VEW@aol.com

1751. Febuary RAD-COM Misprint??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 09:30:41 UTC
From: robin@ayjen1.enet.dec.com
Message-ID: <3ha301$n9i@nntpd2.cxo.dec.com>
Source record: 252343
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

I read the Feb RAD-COM article on the INTERNET with interest and tried
to subscribe to one of the mailing lists detailed.
it was the one for FT1000,FT900 users. printed as
900-info@xyzoom.info.com

However I have tried various combinations of this with no-luck, the
demon and xyzoom keeps bouncing with unknown address.

Does anyone know of the correct address for this list.

Thanks

Robin

1752. Re: Where is S51OI located?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 10:49:09 UTC
From: walt@waltd.demon.co.uk
Message-ID: <792240549snz@waltd.demon.co.uk>
Source record: 252296
Cross-posted to: rec.radio.amateur.misc,triangle.radio

In article <3gsuj5$2om@news0.cybernetics.net>
ab4el@cybernetics.net "Stephen Modena" writes:

> I worked S51OI the other night on 3.785 MHz (me running QRP)
> and I'd like to know where he is.

He is in Slovenia, which is the northern part of former Yugoslavia.
Quite a nice catch for you on 75m with QRP!

Congrats .... 73!
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1753. QST on the Newsstands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 11:16:52 UTC
From: andy@clark.net
Message-ID: <3ha974$r6u@clarknet.clark.net>
Source record: 252297

A long time ago, the ARRL announced that QST would be available on the newsstands. Since then, I have never once seen the magazine on the dozens of stands I periodically visit. Has anyone ever seen the magazine? Once, I bought a copy of what I thought was CQ magazine, but when I got home and put my reading glasses on, it turned out to be "GQ" instead, which I thought was odd since the photos showed quite the opposite of what fellow hams dress like at a typical hamfest. ;-)

andy-k4adl

1754. Webersat

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 11:28:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F38AB4B@smtp>
Source record: 252279

CAN ANYONE PUT ME IN TOUCH WITH THE PEOPLE WHO CONTROL AND CAN SUPPLY
INFORMATION ON Webersat please.
Thank you,
Peter, KC1QF
pve@dg13.cec.be

1755. SATELLITES AND TRACKING ETC

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 11:32:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F38AC43@smtp>
Source record: 252280

All,
I have ben using a wonderful programme to track satellites which is so good, Johnson Space Center uses it for tracking purposes as well as Nasa, INtelsat and others..
It's called STSPLUS and has a myriad of features including doppler shifts for ham satellites, ground tracking, can track up to 16 objects at a time, has zoom, many more features and needs a POWERFUL system (386 and up, plus math coprocessor (included in the 486 chips).
It's easy to get. Call 310 5417299 (2400-14.4kb/s) and download files SOP9445A.ZIP and SOP9445B.ZIP to get the latest version. It's written by Dave Ransom, an ex-JSC specialist who also runs the BBS. It is also available (I believe in NASA's WWW).
Enjoy!
Peter

1756. Re: Weather Fax Sources?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 11:46:13 UTC
From: rwlade@gate.net
Message-ID: <3haau5$1at7@tequesta.gate.net>
Source record: 252299

In article <jcookD3LqzA.4HJ@netcom.com>, jcook@netcom.com (James Cook) says:
>
>
>Wanted:
>
>List of sources for weather fax in the region of Florida/Cuba/Carribean.
>
>My brother is a ham and professional sailing instructor in that region,
>and is just starting out with onboard ham. Needs the weather info by fax
>or weather map fax (whatever) onboard ship.

Contact: WLO Mobile Marine Radio, Inc.
7700 Rinla Ave
Mobile, AL 36619-1199
(205)666-5110

They transmit WEFAX for the Gulf at least 4 times a day. It's the best WEFAX
for this area. Covers down to Cuba and Yucatan Pensula. They have an
excellent manual "User's Information Guide". Ask for it. Good Luck.

Bob Lade, W9UCR

1757. Beam Stacking Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 12:30:13 UTC
From: bobjf@aol.com
Message-ID: <3hadgl$ett@newsbf02.news.aol.com>
Source record: 252300

I am planning on putting my 2 meter/7element beam above a 70cm 12 ft boom length yagi. What is the proper spacing between them to minimize interaction? Thanks for any information anyone can provide.

1758. Once again, the League sh

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 12:34:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5780.545@acenet.com>
Source record: 252351

Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.policy
From: brian.carling@acenet.com

MPD>>> Gate One will allow a previous holder of a call
MPD>>> sign to apply for that call sign or, where the holder is deceased, a
MPD>>> close relative could apply, even if he or she is not otherwise
MPD>>> eligible to hold the call sign.

MPD>Great. The League shafts amateurs again. Thanks to this gem, we now
MPD>end up with no-clue CBer's without HF access holding W and K-prefix 1x2
MPD>calls.

MPD>Utterly ridiculous. If you want a corpse's call, fine. But you should at
MPD>least hold an equivalent license class or above.

Gag me with a spoon!
WHY WHY WHY didn't someone with some smarts think of this BEFORE
the goons acted?

Now the only thing a 1X2 or a 2X1 indicates is that someone had more
disposable income! Some "incentive licensing system" eh?

Bloody pathetic, to say the least... de AF4K

~ SLMR 2.1a ~ Pine trees: God's way of saying "put up antennas!"

1759. Re: T-Hunt Mailing List??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 12:34:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5781.545@acenet.com>
Source record: 252352

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

HO>Yes, there is a T-hunt mailing list. It's called fox-list and is
HO>maintained by the Boston Amateur Radio Club. Subscribe in the usual
HO>manner, a message to listserv@netcom.com with one-line text "subscribe
HO>fox-list" (without the quote marks). Nothing is needed on the subject
HO>line. More infor in Homing In column in February 1995 issue of 73
HO>Magazine.

Thank you Joe! I got it!

~ SLMR 2.1a ~ Pine trees: God's way of saying "put up antennas!"

1760. KENWOOD 950SDX

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 12:49:31 UTC
From: drin@concerto.valrho.cea.fr
Message-ID: <drin-0802951349310001@193.48.14.32>
Source record: 252353

Is there anay undocumented fonctions for 950SDX? .For example I would like
to use the antenna tuner in RX mode (as TS50S) . Any suggestions ?

1761. Re: QST on the Newsstands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 13:35:32 UTC
From: tls@gate.net
Message-ID: <3hahb4$14g9@tequesta.gate.net>
Source record: 252301

I've seen QST at several newsstands.

--
Terry Steinford
tls@gate.net

1762. Re: 2meter DXCC guest on 2/12/95 radio show.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 14:28:08 UTC
From: pauls90212@aol.com
Message-ID: <3hakdo$fh7@newsbf02.news.aol.com>
Source record: 252303

What network is the show on?

- 73 Paul, N6DN

1763. Re: 6M SSB/CW radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 14:32:10 UTC
From: pauls90212@aol.com
Message-ID: <3hakla$fi8@newsbf02.news.aol.com>
Source record: 252304

Try Down East Microwave (any QST or CQ) and Kanga US (419) 423-5643. I have an old ICOM IC502 that I wouldn't part with cuz I can drag it anywhere. Course it only puts out 3 watts but ...
GL & CU on the Magic Band 73 - Paul, N6DN

1764. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 15:30:45 UTC
From: rph@sq.sq.com
Message-ID: <1995Feb8.153045.12636@sq.sq.com>
Source record: 252282

dmlee@cris.com (David Lee) writes:
>Maybe (as usual) the news media confused a CB'er with a HAM??

Well at least we're not alone. The other day I was informed
by the news on TV that STS-63 and MIR were going to communicate
to each other via CB radio...
--
Pontus Hedman Voice: +1 416 239-4801x236
rph@sq.com AX25: VE3RPH @ VE3OGS.#SCON.ON.CAN.NOAM

1765. Re: Accu-Keyer won't key IC-730

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 15:50:37 UTC
From: bfrause@elgin.com
Message-ID: <bfrause-0802950750040001@198.190.221.72>
Source record: 252307

In article <D3FsB8.AAq@ceco.ceco.com>, sufana@ceco.ceco.com wrote:
I think your trouble has to do with the type of key jack you are using to
connect to the IC-720. I am not at home now to look in my Icom book but I
think you need to use a stereo jack. Anyway if you need further help
e-mail me at my home bfrause@aol.com 73's Gud Luck

> Robert,
> I use the Accu-keyer and you must make sure that the keying is proper.
There is a
> a way to switch between positive and negative keying, but I use a better
way. Among
> the many mods for that keyer was one that made a universal keyer
output. It doesn't
> matter which way the rig wants to work, all electronic. If you want a
copy of the
> mod or of the entire keyer, let me know, I have a complete file.
>
> 73s,
> Charlie AJ9N sufana@ceco.ceco.com
>
>
>
> In article uuout@camel.com, robert.brandon@camel.com (ROBERT BRANDON) writes:
> > I recently pulled out an old Accu-Keyer I built years ago and tried to
> > use it with my Icom IC-720. No go. Plugging in the keyer locked the
> > sidetone on, but the rig wouldn't key. Hitting the keyer paddles made a
> > little AC hum come through the speaker to the rhythm of my keying, but
> > the rig wouldn't key.
> >
> > I hooked to keyer up to my ohm meter and the needle moves to dead
> > short as I key. The rig keys fine with my straight key. Any
> > ideas? I no longer have any documentation on the Accu-Keyer and all my
> > manual on the rig says is be sure the keying voltage is less than 0.4
> > VDC. I don't read any voltage on the output of the keyer. Thanks,
> > Robert WD5AAT

1766. Kenwood 950SDX

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 16:02:01 UTC
From: drin@concerto.valrho.cea.fr
Message-ID: <drin-0802951702010001@193.48.14.32>
Source record: 252306

Is there any undocumented fonctions of the 950SDX. For example I would like to use the antenna tuner in RX mode (as the TS50 does). Any suggestions?

Tnx and 73

1767. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 16:12:04 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.792259924@melpar>
Source record: 252311

cA21rag@kocrsv01.delcoelect.com (Roger Grady) writes:

At the low end, add:

ELF 30-300 Hz
VF 300-3000 Hz ("VF" stands for "voice frequency")

>VLF 3-30 Khz
>LF 30-300 Khz
>MF 300-3000 Khz
>HF 3-30 Mhz
>VHF 30-300 Mhz
>UHF 300-3000 Mhz
>and I think 3-30 Ghz is SHF.

Yes, it is. And add

EHF 30-300 GHz ("E" stands for "extremely;" same with ELF)

Reference: ITT "Reference Data for Radio Engineers"

* Paul H. Bock, Jr. * Principal Systems Engineer
(|_|) * E-Systems/Melpar Div. * Telephone: (703) 560-5000 x2062
| |) * 7700 Arlington Blvd. * Internet: pbock@melpar.esys.com
* Falls Church, VA 22046 * Mailstop: N203

"Imagination is more important than knowledge." - Albert Einstein

1768. FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 16:31:56 UTC
From: gamma7@ix.netcom.com
Message-ID: <3harls$kj9@ixnews2.ix.netcom.com>
Source record: 252308

Bought my FT-530 at Dayton (new) last year and I lost the darn manual.
Must have (xyl?) thrown the thing away.

Can anyone copy theirs or send theirs to me so I can copy? I will pay
for copying; will promptly return your manual and will reimburse you for
postage.

Can anyone help?

Regards,

Duffy - WB8NUT

1769. Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 16:57:33 UTC
From: bobr@on-ramp.ior.com
Message-ID: <3hat5t$rpa@on-ramp.ior.com>
Source record: 252356

Can anyone give me some details on what a gin pole is and how it is used?
I understand this can be used to help me put up my tower? Thanks.

--

```
+--------------------+-----------------------+-------------------------+
| Robert J. Raymond | Spokane, Washington | bobr@on-ramp.ior.com |
| Patricia Raymond | Amateur Callsign KG7WC | http://www.ior.com/~bobr|
+--------------------+-----------------------+-------------------------+
```

1770. Motorola Mocom 70/repeater conversion

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 16:58:46 UTC
From: wb7cky@vnet.ibm.com
Message-ID: <D3oxtz.1y6B@austin.ibm.com>
Source record: 252357

Would like to convert a motorola mocom 70 for 440 repeater
use.
Can this be done within a reasonable cost?
Does anyone have the info to do this?
Should i look at getting a micor uhf and converting it?

1771. Re: Dental Fillings and Radio Frequency Signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 17:02:26 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <D3oy03.7wA@cherokee.nsuok.edu>
Source record: 252358

<3gvv75$9at@news.primenet.com>
<andyneal-0702950229080001@sharkbite.hip.berkeley.edu>

A good friend of mine, Bob (KG5OE) lived for a short time within several blocks of KOMA, a 50,000 watt am transmitter in Oklahoma city.

You could hear the radio station when you opened up the refrigerator door. Telephone interference was a problem as well until he installed brute force rfi filters on his lines.

The radio also could be heard from the electric baseboard heaters dispersed around the wall. It was especially annoying when trying to sleep and the normal daytime background noise fell off.

He told me about this situation and I really thought he was pulling my leg. I became a believer while visiting him and witnessing these queer events myself. Obviously some peculiar forms of rectification.

73 de Charles (KG5TV) veith@cherokee.nsuok.edu

1772. Tx/Rx Computer R/C info on net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 17:12:03 UTC
From: dha@planet.bt.co.uk
Message-ID: <1995Feb8.171203.15391@planet.bt.co.uk>
Source record: 252309

Hi All,

Does anyone have to hand details of the Kenwood, Yaesu, Drake
or any other manufacturers data on what is sent and received
on the computer interface for each set? Is there a site other
than UCSD I should look? I'm putting together some C++ classes
to encapsulate transceiver R/C and wanted to cover as many as
possible. If some replies I'll summarise to the group.

Thanks in advance for any help,

Darren

==
Darren Hatcher - G7BKO - dha@planet.bt.co.uk - hatcher_d@bt-web.bt.co.uk
BT Labs, Martlesham Heath, Ipswich, Suffolk, IP5 7RE - Voice: +44 1473 646569
==

1773. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 17:47:03 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3hb02o$oad@news.CCIT.Arizona.EDU>
Source record: 252359

In article <BuyZD5I.mir@delphi.com> Phil <mir@delphi.com> writes:
>Hi Larry,
>I have an R-7 and also have no idea what the Ferrite Beads would do, other
>than create a mis-match in your feed line.

Ferrite beads placed on a feedline do nothing for the match, and will NOT create a mis-match. What they CAN do is choke off unwanted currents flowing on the outside of the shield. (I'm taking your comment literally, and out of context, and my comment may thus not be directly appropriate to yours.)

Howard Lester KE7QJ

1774. Re: GB2RS News 29th January 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 17:53:39 UTC
From: zcapl34@ucl.ac.uk
Message-ID: <1995Feb8.175339.43968@ucl.ac.uk>
Source record: 252310

David.Hough@f1.n328.z1.fidonet.org (David Hough) writes:

>Every year, RSGB Headquarters at Potters Bar has an Open Day so that
>members and non-members can see the HQ of the organisation which
>represents amateur radio in the UK. This year's open day is on Saturday,

This sounds like fun... I wanna see the bin that all complaints go into.

Red, GW0TJO

1775. Re: Beam Stacking Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 17:57:48 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3hb0ms$832@oak.oakland.edu>
Source record: 252360

I have virtually the exact set-up. A pair of M-Squared yagis, 7 el on
2M and 18 on 432MHz.

They are spaced four feet apart and seem to work fine.

73 =paul= wb8zjl

1776. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 18:05:00 UTC
From: tomb@lsid.hp.com
Message-ID: <D3p0wD.5u7@hpcvsnz.cv.hp.com>
Source record: 252361

Heidi Marcelo (hmarcelo@freenet.columbus.oh.us) wrote:

: here's a simple question with wich i keep getting conflicting answers to:
: does electricity flow from positive to negative, or vice versa

And now for a completely different view:

I like to think of current like I would current in a river. That is, current is the flow of something: water in a river, or charges in an electrical circuit. This matches my dictionary definition of "current." In this way, current does not flow; current exists. If you can accept that, then you should have little trouble with "which way" since it's not the current that's flowing.

Clearly, negative particles like electrons or negative ions are pulled by an electric field in a direction from negative to positive, and positive particles are pulled by an electric field from positive to negative. But consider something like a generator with a resistor load. Electrons are going from positive to negative in the resistor, but from negative to positive in the generator. That's because there is another force besides the electric field operating on them, pushing them that way--in this case, it's a changing magnetic field. But it could also have been chemical energy, in a battery, or it could be mechanical work, pulling the plates of a capacitor further apart.

So--charged particles flow in response to things like fields. The rate of flow depends on the type of particle and the material through which it is moving. Current is measured quantitatively by the amount of charge which passes a point per unit time, and is taken to be positive, generally, if the charge is moving in the direction that the electric field causes the particles to move.

(Yes, you can get deeper into this and start asking questions like, "If there is a current here, how long will it be till there is a current over there?" When you start talking about how currents change over time and space, then you might be justified in talking about currents "flowing." But by that time, you might better be served thinking in terms of "waves.")

73, K7ITM

1777. Re: The legacy of the no-code tech license

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 18:13:06 UTC
From: jas@smoke.hr.att.com
Message-ID: <D3p19u.MBC@nntpa.cb.att.com>
Source record: 252362

In article <D3np03.FC6@news.hawaii.edu>, <jeff@NH6IL> wrote:
>In article <sf378ef5.018@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:
>
>> I purchase a shortwave receiver and
>>listen to 20m and 80m phone. I was shocked to hear the same kind of
>>trash and horrible operating practices that could be plainly heard on the
>>CB band. What kind of incentive is that to upgrade? It would be like
>>stepping from the curb into the gutter.
>
>Hi Warren,
>I invite you to tune in to the CW portion of any HF band. Everyone is
>a gentleman (or lady); there's an ocassional kook that'll pop up but
>instances like that are rare.
>
>Jeff NH6IL

So its OPERATING CW not passing a CW test that ensures
gentlemanly behavior.
Personally I have never been able to correlate on the air
behavior with the class of license.
John K4BNC
--
John Siegel
jas@hrolie.hr.att.com

1778. how to change my address in the callbook

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 18:28:59 UTC
From: holica@biotop.umcs.lublin.pl
Message-ID: <holica.5.2F390D6B@biotop.umcs.lublin.pl>
Source record: 252363

I need e-mail for callbook editor. My address in callbook is a little wrong.
in callbook: SP8EMO ... ul. Sympatyczna 1/24
My real address: SP8EMO ... ul. Sympatyczna 1/34

I'like to mail for correction
Marek
P.S. If anyone sent me qsl for new country or new prefix on 80 meters and
didn't get answer plese look for this part of address.

1779. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 18:49:37 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb8.184937.20061@ke4zv.atl.ga.us>
Source record: 252364

In article <1995Feb7.081831@miavx3> clmorgan@miavx3.mid.muohio.edu (Carl Morgan) writes:
>
>The electron tube proves the "electron theory"; magentic laws and the
>right-hand rule proves the "conventional" theory; now what?

The right hand rule is a *consequence* of "conventional current"
theory. It does not prove it.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1780. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 19:04:47 UTC
From: little@iamu.chi.dec.com
Message-ID: <3hb4kf$5hl@jac.zko.dec.com>
Source record: 252365

In article
<"3-Feb-95.16:48:43".*.Paul_M._Butterfield.WBST129@Xerox.com>,
Paul_M._Butterfield.wbst129@xerox.COM writes:
|>Hi gang,
|>I am a new ham with a small HT as my first radio. In order to get the most out
|>of my 5W, I have mounted a Diamond X200A dual-band antenna on my roof,
|>necessarily near the TV antenna. Unfortunately whenever I xmit with this
|>setup, I make snow out of the TV picture. Makes the XYL unhappy. At some
|>point, I'm going to a higher power xmitter, which will make the really bad snow
|>even worse!
|>The only TV channels we care about are 8, 10, 13 (180, 192, and 210 MHz) and
|>UHF. My radio at present is only 2m (140-150 MHz), so I'm wondering is there
|>something I can do about the problem?
|>Please don't suggest cable TV. I know that will fix it, but I'd like to
|>postpone that expense for a few more years. If there were a cheaper
|>solution I would welcome it.

Paul, you first need to determine how the interference is getting into your
TV set. Although it may be through the antenna, that is easily verified
by disconnecting the antenna at the TV and see if you can detect any change
in the picture when you key up the radio. If you still see some change in
the picture, then the interference might be through the case of the
TV (I've had this happen in hotel rooms when operating an HT!). That can
be a difficlt problem to solve as shielding the TV set case is difficult.
A conductive spray on paint might do the job. Make sure to run a conductor
from the case to ground before spraying.

It may also be coming from the power lead. A clip on ferrite core such as the
kind sold by Radio Shack may be of help there.

If the interference is coming from the antenna lead (most likely), then you
need to determine if it is travelling along the shield or the center
conductor. Assuming you are using coax for the TV antenna (if
not, that is the first thing to change, i.e. use good quality 75 ohm
coaxial cable and a 75 ohm to 300 ohm transformer if necessary) then
wrap a number of turns of the coax around a large ferrite core. If
the interference problem gets better or disappears then you probably
probably can cure the interference just by increasing the number of turns
of coax.

If the interference is entering the TV set by way of the inner conductor, then
you need to connect a band stop filter to the back of the TV set where the
antenna connection is made. In fact, one at the antenna and one at the TV
set would even be better. The simplest and cheapest band stop filter is a
quarter wave section of coax. To calculate the length of coax needed, you

need to consider the frequency of operation and the velocity factor of the coax. For true RG-6 it should be 75%. The length is calculated as:

Length in inches = (2951 * velocity factor) / frequency in MHz

So for 146 MHz you end up with 15 5/32 inches of coax. Connect one end to the back of the TV set in parallel with antenna coax (or add a connector and use a T connector.)

73 es gl,
Todd
N9MWB

1781. Re: Stupid Question / duplexers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 19:12:09 UTC
From: Bill Bennett <wbennett@tisc.com>
Message-ID: <3hb529$nv0@wiggum.bc.tisc.titan.com>
Source record: 252366

I built a 6meter duplexer based on the arrl handbook duplexer for 2
meters i get around 100dB of isolation. Lots of work though.
bill kc6yox

1782. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 19:17:56 UTC
From: "F. Kevin Feeney" <fkf1@cornell.edu>
Message-ID: <3hb5d4$ard@newsstand.cit.cornell.edu>
Source record: 252367

In article <phb.792180426@melpar> Paul H. Bock,
phb@syseng1.melpar.esys.com writes:
> More than likely, you're just overloading the front end of
>the TV set.

Or maybe the amp up at the antenna. If he has an outside antenna I won't be surprised if there is an amp up there too. If you have an antenna mounted amplifier, my experience - at least with the RS ones - is that they don't take kindly to strong RF sources. The sherrif's repeater about a half mile away used to do a job on mine. My local gear really wiped it out. Fortunately I either operate OR watch TV. Not both.

Kevin

1783. Surplus joints

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 20:10:46 UTC
From: cfishman@fsac3.pica.army.mil
Message-ID: <9502081510.aa20808@FSAC3.PICA.ARMY.MIL>
Source record: 252368

I will going to Chicago soon...I am looking
for surplus electronic places to roam around.

I am mostly interested in RF, audio, analog stuff

used PC's are a bore to me...

let me know where the action is....

73, Clark Fishman WA2UNN cfishman@pica.army.mil

1784. Re: GB2RS News 29th January 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 20:47:39 UTC
From: walt@waltd.demon.co.uk
Message-ID: <792276459snz@waltd.demon.co.uk>
Source record: 252369

In article <1995Feb8.175339.43968@ucl.ac.uk>
zcapl34@ucl.ac.uk "Redvers Llewellyn Davies" writes:

> >Every year, RSGB Headquarters at Potters Bar has an Open Day so that
> >members and non-members can see the HQ of the organisation which
> >represents amateur radio in the UK. This year's open day is on Saturday,
>
> This sounds like fun... I wanna see the bin that all complaints go into.

You better believe it! I wrote two letters of complaint to Peter Kirby,
the RSGB's General Manager, in December 1994. I have still had no reply
to either! He said in the preface to this year's Annual Report, "Complaints
are now almost non-existent". Easy to say if they bin 'em as soon as
they arrive!

I have been an RSGB member since 1958, but am seriously considering not
renewing my subscription this year as they treat their members with
such contempt.

--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1785. JA reciprocity

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 21:12:49 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <1995Feb8.211249.7971@liberty.uc.wlu.edu>
Source record: 252370

Stupid question. I don't have a copy of the rulebook handy.

Does the United States have a reciprical (sic) operating agreement
with Japan??

Rich Ki6ZH

1786. Re: FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 21:15:23 UTC
From: philip@wv.mentorg.com
Message-ID: <3hbc9b$4p2@hpbab.wv>
Source record: 252371

In article <rsine.5.000E59F7@cybernetics.net>, rsine@cybernetics.net (Richard L- Sine SLIP) writes:
|> In article <opp-0202950127420001@204.117.218.104> opp@worldweb.net writes:
|> >Subject: FT-530
|> >From: opp@worldweb.net
|> >Date: Thu, 02 Feb 1995 01:27:42 -0300
|>
|> >Like to hear the upside and downside of the FT-530. Best and worst
|> >features. If u have one and love it, let's hear why. If you have (or had)
|> >one and hate(d) it, let's hear from you too.
|>
|> I won one at our club Xmas party, and have used it continuously since. I find
|> it to have good range ... much of my 2M operating is simplex. I can hit a 440
|> repeated from within my auto about 12-15 miles out. No outside antenna, just
|> r/duck.
|>
|> Have really learned little about the MANY features, although those I learned
|> and use seem to work well. No complaints.
|>
|> It is a little hard to operate with gloves on ... but, I don't do a whole lot
|> of that anyway.
|>
|> No complaints. Nothing that REALLY stands out, other than the nice reports I
|> get.

I agree with all of this. Trying to put my feelings about mine
into tabular form:

Pluses: - Small physical size
- Lots of "features"
- Produces good sounding signals
- Is fairly sensitive

Minuses: - Wide open front-end (lots of break-through from
local high power signals).
- Lots of "features", remembering how to use them
is a pain.

Philip

1787. Re: 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 21:21:34 UTC
From: philip@wv.mentorg.com
Message-ID: <3hbcku$4p2@hpbab.wv>
Source record: 252372

In article <8A2D46A.00CB0023C3.uuout@camel.com>, robert.brandon@camel.com (ROBERT BRANDON) writes:
|> I'll be travelling in France in September and would like to take my HT.
|> Two questions: Has anyone gone through French permit process lately?
|> Is it a hassle, expensive, etc.? Also, I've read somewhere that
|> European repeaters use a 1750 Hz tone burst. Is this common in France?
|> If so, it would probably be a hassle to use my Kenwood TH-22AT. Thanks,
|> Robert WD5AAT

Yes, French (read European) repeaters use a 1750 Hz tone burst to
open up the repeater. Depending upon how pedantic the repeater builder
was, and how good you are at whistling, it is often possible to bring up
a repeater by whistling at it.

Many (most ? all ?) repeaters also use the tone burst to re-set the timers.
So although you *can* work someone if they open up the repeater, you run
the risk of it timing out on you if you don't have a tone burst.

Now, the licensing procedure ...
I didn't want a temp. license, I wanted a reciprocal license.
It took a *LONG* time, and required a good knowlege of French.

Call the French consulate for information about the reciprocal license.
But beware that they will give you a 900 number to call.

Philip

1788. Prospective HAM needs advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 21:24:01 UTC
From: aecaslin@news.epix.net
Message-ID: <3hbcph$rss@grape.epix.net>
Source record: 252373

I think that you HAM's have an interesting hobby going here. I'm
a middle age guy who could use a little divergence and wonder if amateur
radio could fit the bill. I'd like to learn more about how one gets
started. Is there anything on Internet which gives a good overview of
what licenses are needed and what type of equipment I should be looking
for? I will appreciate your comments, advice and/or direction. Thanks.

1789. VHF-FM uTrans Schematics?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 22:06:26 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Feb8.160626.7031@driftwood.cray.com>
Source record: 252375
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.scanner,sci.electronics

Would anyone happen to have a schematic for a low power VHF-FM micro transmitter? (Or know of a web/ftp site where I could find one?)

Thanks-in-advance.

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

1790. Re: WHERE's THE FT51 MODS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 22:21:29 UTC
From: danb@acme.csusb.edu
Message-ID: <3hbg59$39t@news.csus.edu>
Source record: 252374

Marc B. Grant (marcbg@metronet.com) wrote:
: A few months ago I posted the mod to allow expanded receive on the
: FT-51R. Has ANYONE checked out to see if there are more mods? Is there
: more expanded receive other than 130-170 and 410-470?

I posted this a while back, but here it is again...

YAESU FT-51R

Expanded Transmit 140-174 MHz, 420-470 MHz

MARS & CAP MODIFICATION

This information is authorized for distribution only to
individuals who are members of the U.S. Military Affiliate Radio System,
Civil Air Patrol, or other government agency services specifically
permitted by the FCC to use non-Type-Accepted equipment such as that
utilized in the Amateur Radio Service. Release of this information to
individuals not bearing a license in the MARS, CAP, or other such
government service is not authorized by Yaesu U.S.A.

* Remove Antenna and Battery

* Remove (6) black screws in rear plastic cover plate
(where the battery would normally fit)

* Remove the (1) small black screw in the battery slide switch
(see figure 1 below for screw locations)

* Loosen (but don't remove) the (4) black screws on the upper
back of rear case and slightly separate the rear radio
case.

* Remove the "L" type plastic cover

CAUTION: Watch out for the delicate ribbon cable

* Locate and unsolder jumper pad #6 (see Figure 2 below
for jumper locations) (Pads 1,7 should now be jumpered)
(Stock, Pads 1,6,7 only)

* Reinstall the "L" type plastic cover

* Tighten the (4) case screws on rear case

* Re-install the (6) black screws in rear plastic cover
plate.

* Re-install the (1) small black screw with the battery
slide switch

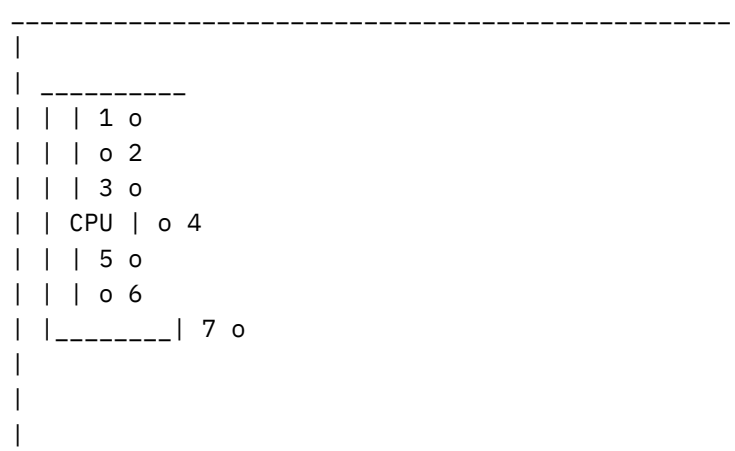
* Now attach the antenna and battery

* Turn off Radio... Press and hold both UP & Down Arrows
Keys (right side) while turning on the Radio

* Modification now complete!

(Figure 1 not rendered; my ASCII art skills aren't that good)

Figure 2: Jumper locations. For European tone burst, add solder
to jumper 4.



--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

1791. alt.radio.amateur.tenten

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 22:23:49 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <3hbg9l$du1@mozo.cc.purdue.edu>
Source record: 252718
Cross-posted to: alt.config,rec.radio.amateur.misc

I am proposing the creation of alt.radio.amateur.tenten.

Purpose: for members of the Amateur Radio Organization known as Ten-Ten International to discuss events and issues related to their participation in Ten-Ten and useage of the 10-Meter radio band as it reflects on the organization, and vice-versa. Also to eventually have officers of the organization who have internet connections participate, if possible, in a wholly non-profit manner.

I brought this issue up in rec.radio.amateur.misc several times over the course of the last year or so, and while there didn't seem to be enough interest *currently* to justify going through the whole RFD and CFV etc for a rec.* group, there was some positive interest in forming an alt.* group FIRST, and if the interest grows, seeing about moving it to the rec.* heirarchy.

There may well be other Amateur Radio organizations that wish to form similar groups, OR, at some later date to combine together for something like rec.radio.amateur.orgs or something like that.

In the meantime, I invite those who emailed me after reading my original posting to rec.radio.amateur.misc to discuss my proposal with the alt.config folks and see if it will fly.

Duane Mantick
WB9OMC
wb9omc@harbor.ecn.purdue.edu

1792. Re: R7 Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 23:22:32 UTC
From: jholly@cup.hp.com
Message-ID: <D3pFLK.CCy@cup.hp.com>
Source record: 252376

Howard Lester (hlester@nemo.as.arizona.edu) wrote:
: In article <BuyZD5I.mir@delphi.com> Phil <mir@delphi.com> writes:
: >Hi Larry,
: >I have an R-7 and also have no idea what the Ferrite Beads would do, other
: >than create a mis-match in your feed line.

: Ferrite beads placed on a feedline do nothing for the match, and will NOT
: create a mis-match. What they CAN do is choke off unwanted currents
: flowing on the outside of the shield. (I'm taking your comment literally,
: and out of context, and my comment may thus not be directly appropriate
: to yours.)

: Howard Lester KE7QJ

Your right on target Lester. Since the R7 is feeding the high impedance
end of a half wave, currents can flow on the shield. If the box on the
R7 is any thing like the box on the R5, there is also a transformer in
the box, along with the choke.

Ferrite is a hams best friend.

Jim, WA6SDM
jholly@cup.hp.com

1793. VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 23:28:13 UTC
From: dave@eram.esi.com.au
Message-ID: <3hbk2d$fj0@eram.esi.com.au>
Source record: 252377
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

VK2 DIV PRESIDENT'S MESSAGE

This is Michael Corbin VK2PFQ

Well that was the worst week on record...No, not for the Institute but for my business. I'd be a liar if I said that the W.I.A. wasn't wearing a little thin at 80 Lalor Rd., Quakers Hill. Anyhow it's surely a case of "If you can't stand the heat...don't come into the kitchen" I'll bore you no further with my personal problems, but once again appeal for people to do some painting, electrical work and general cleaning up of our downstairs premises in preparation for leasing.

Perhaps as an added incentive, we should offer one years free membership to anyone who helps. Anything to get the job done. On a more positive note, after 4 full days on the job running backwards and forwards from Quakers Hill to Parramatta (via Seven Hills), we have at last sent the last letter, or rather copy of letters, to the politicians as well as all affiliated Clubs. Indeed, if you fall into this category, you should receive your letter on Monday or Tuesday. I've also sent copies to AR & ARA Magazine It will be interesting see how our Federal President handles this one....Perhaps you should reserve your copy of ARA now!

My thanks must go to CESAR MIRANDA VK2TCM for the time that he has put into this exercise. So that The Minister and all his confreres would gain an appropriate impression of the Wireless Institute of Australia NSW Division it was necessary that our submission was produced in a professional manner. The previous Council used to PAY for the privilege...Nobody knew this at the time...But more of that in the Annual Report. To continue... Cesar offered his time and his fancy Laser Printer...The result....A more than Professional job. I only hope that it will impress those to who it was sent!!! I'm sure that this will spur the opposition's Minister for propaganda into print. I refer of course to Cesar's involvement NOT the professional job. You know, come to think of it....He hasn't had very much constructive to say lately

Again once more I appeal to people, who have not written to do so. If you think that the licence issue has been won, think again. I will shortly read a letter, which has been written by Ms. Christine Goode, the Manager of the Spectrum Management Authority on behalf of the Minister to a fellow Amateur. Listen carefully. She is quite clear in her statements that the fee increases are here to stay. There does however seem to be an admission, that the politicians have

the last say....So, once again, if you have not written -- write now!!!

This weekend the Federal Councillors meet in Victoria. The agenda is not clear at this stage. A full report next week. I have yet to see any positive input from the Federal Office, save for criticism of this Division for giving them a hard time. I don't withdraw or apologise from this position. This Division has put in our submission. Where's the one from Federal....Talk, talk, talk that's all we have heard from them. Oh yeah, I understand, I have not seen it yet, that there is an insert in AR this month. This Division offered to do this, but our offer was only met with a call from a chap in VK5, who told us that he had been empowered by the Federal President to do it instead. Oh well...at least it was done.
I wonder why we weren't allowed to do it....funny mob those Federal people or perhaps there's some outside influence !!!!?!* Since writing this epistle I have been informed by Peter Kloppenburg VK2CPK, our Federal Councillor, that I was to be the first item on the agenda after lunch....Perhaps someone else ought not to go into the kitchen unless.....etc. etc

Well here's the letter which was written by Ms. Christine Goode, on behalf of the Minister, for Communications and the Arts, Mr. Michael Lees. Listen carefully, it's not very encouraging, but remember there has, as yet, been no vocal presentations by any overweight ladies -- you're not allowed to say... "the shows not over till the Fat Lady Sings" anymore...anti vilification Laws and all that....Now on to that letter. Please pay careful attention to the WORDS used by M/s Goode.... Note that she continually refers to FEES as TAXES!!!!! Hmmmmmmmmm!!!!

SPECTRUM MANAGEMENT
AGENCY (Letter head)
3 February, 1995

Dear Mr. .....So & So.....and I quote...

Thank you for your letter of 3 January 1995 to the Minister for Communications and the Arts, the Hon. Michael Lee MP, concerning the proposed changes in licence fees for Amateur Radio Licences. The Minister has asked me to reply on his behalf.

Firstly, I want to stress that there is no new tax being proposed for users of the radiofrequency spectrum. The fees which you and other users (such as those with landmobile systems or fixed link) now pay are in fact taxes. The taxes are levied under the Radiocommunications (Transmitter licence tax) ACT 1983. The overall level of revenue collected from current licenses is not being varied. There will, however, be a fairer sharing of the fees/taxes amongst all categories of licensee. Some will pay more and some will pay less.

The Spectrum Management Agency (SMA) has just completed a review of all aspects of apparatus licensing including the structure of radiocommunication

license fees. The review concluded that there should be a more equitable and efficient method of calculation of fees (ie, taxes) for all licencees. In future the license fees will more accurately reflect the extent of actual spectrum use by each licensee. Further, within the total fee/tax, the cost recovery component will be identified.

In the specific case of amateurs the proposal are, that fees will be increased from between $8 and $34 depending on the category. The highest level of fees (Unrestricted Amateur) will be $71 which we regard as quite reasonable in comparison with other license fees and the large amount of spectrum available for amateur use.

The SMA will publish an information paper shortly on the outcome of its inquiry into apparatus licensing, including more detail on fees and recovery of SMA costs. We propose to then have detailed consultations with representatives of licensees who are substantially affected by the changes. These consultations will take place over the next six weeks or so. Indeed the information we passed to the Wireless Institute of Australia was advance information for the specific purpose of obtaining their comments and to assist further consultation.

I want to assure you that the SMA appreciates the good work done by amateur radio enthusiasts in providing services at various times to assist the community. I am also aware of the benefits in encouraging young people to learn about radio technics. These aspects do not, however, affect the basic principle that amateurs who use the radio frequency spectrum should meet their share of the costs of managing the spectrum for the benefit of all users.

I understand that some amateurs are concerned that the SMA is imposing charges which are not made in other countries. The approach taken overseas varies widely with some countries not charging fees to any users of the radiofrequency spectrum. However the most common approach is for fees to be charged for spectrum use, although the level of fees varies widely.

Some amateurs have compared amateur use of the spectrum with that of CB operators, which is now covered by a class license. We see amateur and CB as quite different services. Amateur services require greater co-ordination both nationally and internationally for frequencies and call signs, with amateurs other than novices having access to vastly more spectrum than CB operators. The SMA also applies significant resources to handling problems of interference involving amateurs, mainly in cases where amateurs cause interference to other services. In the submissions to our public inquiry, the weight of opinion was against class licensing for amateurs.

I have attached copies of a recent media release and a brief information sheet which gives further details.

Thank you for your interest in this matter.

Your sincerely,

CHRISTINE GOODE,
SPECTRUM MANAGER.

Included with this letter was a copy of the Press Release I read out for you a few weeks ago, as well as a Resume of the History of the whole matter. I'll now read that for you now.

INFORMATION PAPER

INQUIRY INTO THE APPARATUS LICENSE SYSTEM BY THE SPECTRUM MANAGEMENT AGENCY (SMA)

...and I quote...

The SMA, as a result of its inquiry into the apparatus license system, is proposing to make a number of changes. The key proposals involve restructuring license fees. There are over 250,000 licenses on issue with annual fees ranging from $18 (marine rescue) to $734,132 per MHz (PMTS). Under the proposed restructure there would be a consistent, more equitable approach to fees. They would be based on SMA costs, and the amount and relative scarcity of spectrum used by each licensee. As the current fees have been largely developed on ad hoc basis over many decades without major review, the proposal would mean that some fees would increase but many fees would decrease. Consultations are to be held with a number of key industry organisations and others. An information paper is to be published by mid January 1995.

INTRODUCTION

On 8 December 1993, the Minister for Communications at the time directed the SMA to hold a public inquiry into the apparatus license system.

The apparatus license system enables the SMA to provide access to the radiofrequency spectrum to individual users by way of a license to operate devices. The SMA may determine the type of Transmitter licences and receiver licenses it may issue under the apparatus license system. Licence types are specified in determinations made by the Spectrum Manager. There are currently 94 types of transmitter license and 10 types of receiver license. There are currently about 250,000 licenses on issue (including approximately 20,000 amateur licences).

The aim of the inquiry was to develop a more streamlined and simplified apparatus license system incorporating a transparent equitable and efficient fee methodology, consistent with the objectives of the new ACT. The terms of reference are attached.

INQUIRY PROCESS

In accordance with the terms of reference specified in the Minister's direction, the SMA developed a proposal of reform. These were published in a discussion paper, Inquiry into The Apparatus License System, released in January 1994.

The SMA held public seminars during February and March 1994 in each of the 14 centres where the SMA has offices. They attracted more than 900 people.

Public submissions on the discussion paper totalled 422. They covered a wide range of issues and provided a mix of views on how the apparatus license system could be improved. Submissions were made by individuals and a range of organisations. A report was provided to the Minister for Communications and the Arts on 31 May 1994.

IMPLEMENTATION

The SMA is now working towards implementing the proposals. The major areas of activity are:

1. the development of new apparatus license types (to number around 20);

2. a system to allow for the transfer of license between users;

3. a system to provide for different license periods up to the statutory limit of five years;

4. a system to allow licences to choose between paying for license fees up front (ie at the time of license issue) or by annual instalments;

5. concessions on annual license fees be provided to private, ,volunteer non-profit organisations involved in the safety of human life; and

6. The restructuring of annual license fees to incorporate three components:

i. a component to cover the cost of issuing the licence;

ii. a component to cover the spectrum maintenance costs of the SMA, and

iii. a spectrum access component to provide a return to the Commonwealth Government for the use of a community resource taking account of the spectrum and geographic location of the spectrum access, and the bandwidth and area of coverage of access.

All licence fees are taxes and the revenue from license fees is passed onto the Government. The proposed restructure does not mean changes in the level of revenue flowing to the Government from users of the spectrum. It is simply a restructure of the fees.

Licence fees would be levied on a more equitable basis, as they would be based on SMA costs, and the amount and relative scarcity of spectrum used by each licensee. By incorporating SMA cost recovery components, licensees will be able to identify SMA costs and there contribution to the costs. In addition, the fees include a spectrum access component so that licensees with large spectrum holdings in high demand areas would pay higher fees than other licensees. Some fees would increase but many fees would decrease.

The SMA is commencing consultations with a number of key industry organisations and others. The SMA has met with the WIA and explained the new proposals. An information paper on the outcomes of the inquiry is being prepared and is expected to be published by mid January 1995.

The proposals are intended to coincide with the establishment of the SMA's new computer system, RADCOM, in April 1995.

Spectrum Management Agency
3 January 1995.

Well that's it for another week. Could I please have someone to do the electrical work and painting. If I hear nothing by Monday, we will just have to pay someone to do it! If anyone wishes to have a copy of this information..... Indeed, any information contained in any of my Broadcasts...Just ask

See you next week

VK2 LETTER TO COMM. C'TEE MEMBERS

WIA LETTERHEAD.......

Hon. Leo McLeay, MP 31st January 1995
PO Box 324
KINGSGROVE NSW 2208

Dear Sir,

Enclosed herewith please find a copy of a submission I have made to The Minister for Communications and the Arts, and The Minister for Tourism The Hon. Michael Lee MP concerning an increase in fees for Amateur Radio Licence holders. I have taken this step as you are a member, indeed Chairman, of this Committee.

I ask that you read this submission before any final decision is made on the matter of increased charges. I take issue with a recent Press Release issued by the Opposition Shadow Minister in which he stated that "proper Consultation" had not taken place. Indeed it seems that some Consultation did take place....It was unfortunately with persons from our Federal body who perhaps lacked the necessary drive and application.

Your attention is particularly drawn to the final paragraph of our letter to The Minister where we suggest that the Administration of the Licencing system be handed over to The Wireless Institute of Australia. Currently our Organisation conducts qualification examinations. This function was formerly under the care of the old Department of Communications.

If you are in need of any further information on this subject I would be only too pleased to any answers you may require. Please contact me on my home telephone number (02) 626 9288 or by Fax on (02) 626 6066.

Yours Sincerely

Michael B. Corbin
PRESIDENT

Encl. Copy of our Submission

VK2 DIV LETTER TO PAUL KEATING

(WIA letterhead)

31 January, 1995

THE HON. PAUL JOHN KEATING, MP
Prime Minister of Australia,
Suite MG8,
Parliament House
CANBERRA ACT 2600

My Dear Prime Minister,

Enclosed herewith please find a copy of a submission I have made to The Minister for Communications and the Arts, and The Minister for Tourism The Hon. Michael Lee MP concerning an increase in fees for Amateur Radio Licence holders. I have also circulated this information to all members of your Transport, Communications and the Arts Committee.

I ask that you read this submission before any final decision is made on the matter of increased charges. I take issue with a recent Press Release issued by the Opposition Shadow Minister in which he stated that "proper Consultation" had not taken place. Indeed it seems that some Consultation did take place....It was unfortunately with persons from our Federal body who perhaps lacked the necessary drive and application to influence any outcome.

Your attention is particularly drawn to the final paragraph of our letter to The Minister where we suggest that the Administration of the Licencing system be handed over to The Wireless Institute of Australia. Currently our Organisation conducts qualification examinations. This function was formerly under the care of the old Department of Communications.

If you are in need of any further information on this subject I would be only too pleased to provide any answers you may require. Please contact me on my home telephone number (02) 626 9288 or by Fax on (02) 626 6066.

Yours Sincerely

Michael B. Corbin
PRESIDENT

Encl.

VK2 LETTER TO MICHAEL LEE RE: FEES

(WIA letterhead)

30 January, 1995
The Hon. Mr Michael Lee MP,
Minister for Transport,
Communications and the Arts, and
Minister for Tourism.
P.O. Box 525,
The Entrance NSW 2261.

Mr. Minister,

RE: SUBMISSION CONCERNING THE PROPOSAL TO INCREASE
FEES FOR RADIO AMATEUR LICENSES.

I am taking the opportunity that has been provided, to send to you a submission concerning the proposed level of fees to be incurred by Radio Amateurs in the future. In this regard it is appropriate to note that this submission is a reflection of considerable dissatisfaction expressed to me by many members of the Wireless Institute of Australia New South Wales Division.

The attached statement has been prepared by a small committee of members and chaired by one of the Councillors of the Division. It is noteworthy that the committee has had access to virtually all of the membership of the Institute in this State via the Amateur computer based "Packet Radio" network. In this regard some hundreds of messages concerning the proposed fees scale have been available for perusal and reference.

The salient points of this statement are as follows:

1. The revenue already collected by the Spectrum Management Agency from the licensing of operators of radio equipment apparently exceeds the costs of administration of the "Spectrum" in the ratio 2 to 1.

2. On the basis of long-standing international treaty concerning the exclusive use of certain parts of the spectrum, the concept of "spectrum denial" is seen as irrelevant to the allocation of space to the Radio Amateur service.

3. Unlike commercial users and Citizen Band Operators, Amateur Radio operators are prevented by the terms of their licenses, based upon international agreement, from recovering any of the cost of their license fee for use of the "spectrum". The U.H.F. segment of the Citizen Band is used extensively for "Business Purposes"....Hardly equitable when one compares the costs of licenses to each group.

4. Late last year, the Spectrum Management Agency elected to forego license revenue from Citizen Band operators amounting to nearly $6.4 million dollars. By contrast the proposed increase in Amateur Radio operators license fees will amount to approximately 5% of the possible total revenue available from licensing all Citizen Band operators. This is seen as both irrational and inequitable.

5. There are major community benefits deriving from Amateur Radio activity, particularly associated with emergency support services. In l955 my late

father, the then President of the W.I.A. N.S.W. Division, was awarded the M.B.E. This was in recognition of the work done by Amateur Radio operators during the floods which ravaged most of N.S.W. Amateur Radio operators ran the entire rescue operation. More recently your attention is drawn to the Cyclone Tracy Disaster....The Newcastle Earthquake....Certificates of appreciation from the Lord Mayor of Newcastle adorn many amateur radio operators walls. More recently the N.S.W. Bushfire of 1994. An amateur operator ran the Helicopter Water Bombing Network....The S.E.S. Communication system had broken down....and all this was at NO COST to the community.

6. Amateur Radio provides a basis for obtaining an education and practical experience in radio and telecommunications, computing, data communications and processing and satellite technology at little cost to the Government.

7. In some countries overseas including the United States, Amateur Radio is considered to be of sufficient significance as to justify the abolition of licensing fees. In the U.S.A. Amateurs have a 10 year license which attracts a fee for issue to cover costs but otherwise is "free".

8. The abolition of license fees may well be justified on the basis of further devolution of administrative responsibilities such as licensing and fees collection to the Wireless Institute of Australia. This is the position with many professional Institutions in all the States. Presently the examination of candidates for Amateur Certificates, a function handled exclusively by the SMA in the past, is carried out successfully by the Wireless Institute of Australia.

9. Given the Public benefits accruing from the Amateur Radio service, any form of tax as an addition to the existing license fee is seen as totally unjustified and is strongly resisted.

I trust that this precis, when read in conjunction with the full statement, will make quite clear the position of this Division of the that the present proposals for fees increases are certainly not justified. Indeed what is suggested as a more appropriate direction to be taking is towards devolution of administrative responsibility from the SMA to the WIA and an abolition of the fee imposed upon Radio Amateurs.

To this end could we propose an urgent meeting with representatives of your department with a view to discussion of possible devolvement of license issue and administration to the Wireless Institute. We believe that such a solution will greatly reduce costs to the Government and achieve a mutually acceptable solution.

Yours faithfully,

MICHAEL B. CORBIN, VK2PFQ
PRESIDENT.

c.c.

The Hon Paul Keating MP,
Prime Minister of Australia,

All members of the Transport
Communications and the Arts Cttee.

Encl.

VK2 SUBMISSION TO GOVT PROP NEW FEES

SUBMISSION TO THE SPECTRUM MANAGEMENT AGENCY
CONCERNING THE PROPOSED INCREASE IN LICENSING FEES
FOR RADIO AMATEURS

PREPARED BY THE WIRELESS INSTITUTE OF AUSTRALIA
(NSW DIVISION), FEES SUB-COMMITTEE

PETER R JENSEN, VK2AQJ, (CHAIRMAN)
CESAR MIRANDA, VK2TCM
DAVID HORSFALL, VK2KFU
RICHARD MURNANE, VK2SKY

January 1995

INTRODUCTION

Since the very earliest days of radio, Amateur operators have been involved in generating some of the most important technical advances in the science of radio commuication. However with the extraordinary advances in technology over the last twenty years in particular, the significance of the individual in promoting new techniques has inevitably diminished, particularly in the face of research carried out by the major industrial organisations, most notably in America and Japan. In that same period, Australia's research efforts in the area of radio commuication and development have been severely attenuated. Conversely, during that same period the involvement of Amateur Radio operators with volunteer citizen emergency response type groups has significantly expanded.

From its earliest days of convict settlement, Australia has had a long history of depending on unpaid and volunteer organisations for some of its most important emergency functions. For example the

Bushfire Brigades and the State Emergency Service represent just two. In times of natural disaster, on many occasions, both in this country and overseas, communications has only been possible throught channels provided by unpaid Amateurs.

The Radio Amateur service remains a national resource not only for dealing with natural disaster but also as a repository of technically competent persons available as a source of operators for military and quasi-military purposes. In addition, the impact of communications technology on the youth of Australia has over the years directed many capable persons into the path of science and very much to the national advantage.

THE LESSONS OF HISTORY

During the 1930's, Adolf Hitler decided that such dangerously free-thinking organisations as the German Radio Amateur clubs were a danger to the intended thousand year Reich. Accordingly, he had them systematically closed down in favour of amateur flying and gliding clubs which ultimately became the genesis of the Luftwaffe. By contrast, the United Kingdom continued to support its radio amateur community until the start of the Second World War. Upon its outhbreak, many of the British radio amateurs were taken into the forces as signallers but perhaps even more importantly, many of them were absorbed into military related scientific research in newly developing areas such as RDF of Radar as it was later to be known, with extraordinary consequences for the result of the hostilities. As the war proceded, it became apparent that the Germans had lost a major opportunity to involve technically relevant people in the nation's scientific effort. It was a loss, it has been contended, that made a significant impact on the outcome of the War. In his fascinating book, "Most Secret War", the noted British Scientist, Professor R.V. Jones, pointed to the disastrous consequences to the German war effort of the decision by Hitler to disband the Radio Amateur clubs and inhibit radio communication activity in the pre-War period.

The conclusion to be drawn from these events seems clear. This is that the activities of Radio Amateurs are far from trivial or to be seen as simply a burden on the Public purse. On the contrary, they involve activities with a national strategic significance and represent a resource of major value in time of emergency.

GOVERNMENT OBJECTIVES

It has been asserted by the Spectrum Management Agency that the objective of its review of objectives and the proposed revised licensing fee to Radio Amateurs that has resulted, is directed at producing a "revenue neutral" result. However upon close reading it seems quite clear that in 1995 the introduction of a new tax associated with spectrum usage is based on a fundamentally changed perception of what the Radio Amateur service involves as compared with earlier Government attitudes. One has the impression that now the radio amateur service is seen as not so much a national resource but as an accessible group of dilettante hobbyists, readily susceptible to a new form of tax.

If this is a correct perception of the attitude currently motivating the Agency, this can only be seen as rather ironic given the inclusion of at least one of the objectives of the legislation to support organisations with a public service function.

In an economically rational time, it is not surprising that the Government should seek to expand the revenues from what appears to be already a generally profitable area of activity: The use of the radio frequency spectrum. One should scarcely be surprised at such

an attitude, for it has prevailed in Government from the very start of radio in 1895. However, over the intervening years, the technological resource and value to the public of radio amateur activity, has generally been recognised through the maintenance of very low fees as compared with commercial operators and as related to the administrative responsibilities of the Government.

It is noteworthy that, as a result of transfer of responsibility for setting and marking of exams to the Wireless Institute of Australia, even the expense of administering that part of the radio frequency spectrum which is inhabited by radio amateurs, has significantly reduced in recent years.

An inspection of the material contained in the Spectrum Management Agency's year book reveals the range of objectives adopted with regard to the radio frequency spectrum. A significant objective remains that of acknowledging the public benefit of communication endeavours by citizen volunteer organisations and more importantly in providing support of such organisations either by direct subsidy or other less obvious incentive. In this context it is appropriate to recall that the resource provided by radio amateurs involves technical expertise confirmed by examination and the supply of equipment associated with the communication urge is provided entirely at expense and volition of the individual.

THE COMPONENTS OF THE LICENSE FEE PROPOSED

When one looks at the process by which the Spectrum Management Agency have reached the current fee level proposed, it is apparent that there are altogether three components. The first two, roughly speaking, equate with the cost of providing the service that is already given by the Agency. These two components are firstly involved with regulation and management of the spectrum as used by amateurs and secondly, a component to offset the general cost of running of the Agency.

With regard to these two components, it appears that the costs sought to be offset are in reality already significantly exceeded by revenues obtained from license fees. As revealed in a study by the Bureau of Transport and Communications Economics prepared in 1990, in the period 1987-88, the predecessor of the Spectrum Management Agency, the Department of Transport and Communications, incurred costs totalling some $20.4 million and in the same period obtained revenue through licensing of some $44.2 million: Scarcely a "revenue neutral" result one would think. In this context, it appears to us that there is no reason to expect that the trends revealed in the study adverted to will be reversed, even given the effluxion of time between 1988 and the present. This would seem to particularly the case when one considers the extent to which the devolution of administrative procedures to the Wireless Insititute of Australia must have reduced the costs of operating the SMA in that same period.

As compared with earlier arrangements particularly in the post-Second World War period, what appears to be significantly different and new, in the propossed license fee, is the component that has been added, which one could describe quite simply as a tax associated with use of the spectrum.

In this context it is important to draw a distinction between the use of the radio frequency spectrum by commercial operators where profit is the ultimate ambition and that of other users with an entirely non-profit basis. Such users are the public service groups (the Bushfire Brigade, etc.) and radio amateurs. The general motivation of this last group could be described as involving intellectual curiosity on the one hand, and an urge to communicate on the other. It is rather unfortunate that these two issues tend to be coupled together and then dismissed as being merely associated with a hobby. Such motivations, it is contended, remain of vital significance to the national benefit. In this respect, the imposition of a tax on an activity that is erroneously seen as merely involving a self-serving activity, is clearly undesirable. There is an inevitable danger in expanding the present level of fees to the extent proposed, that those who are not firmly committed to the experimental or emergency service aspects of the activity or have the financial resources to support their interest, will simply make use of the Citizen Band service which is no longer subject to a license fee.

In this regard it is considered somewhat ironic that the tax generated by radio amateurs, to be seen as persons with a real public utility in times of emergency, can now be related to the decision to set aside the taxation opportunities generated by an activity which is truly selfish in complexion, the Citizen Band. Not insignificant in this comparison is the extent of total fees available from the CB service and the capacity for significant growth that taxing this service would achieve given the overall numbers of persons susceptible to such a charge.

The Wireless Institute has become aware that in October 1994, the Spectrum Management Agency decided to terminate annual license fees obtained from Citizen Band operators: In this process an annual revenue of nearly $6.5 million was foregone. Indeed, given the estimate that perhaps only half of the CB operators are properly licensed, this revenue may well be closer to $12 million on an annual basis. By contrast the proposed doubling of license fees of Radio Amateurs will produce approximately 5% of the lost revenue with all the attendant disbenefits to Amateurs ignored.

In this general context, it is considered quite significant that currently the CB service is used extensively by commercial operators for the purpose of profit. This is to be contrasted with the position of radio amateurs who operate on a non-profit basis. Further this situation is enshrined in the regulations controlling their activity. Evidently, on this basis there is no opportunity for cost recovery of any charge or tax associated with the use of the

radio frequency spectrum by radio amateurs. Again, given the public service implications of the radio amateur service, this is seen as being quite inequitable.

PUBLIC BENEFIT

Although it has already been conceded that in recent years there has been a diminution in the extent to which radio amateurs involve themselves in primary research associated with the radio frequency spectrum, nevertheless this does not diminish the quality of the intellectual resource provided by radio amateurs as a group. In this regard, it is significant that specific areas of activity by radio amateurs still constitute important "front lines" to the urge for technical change. The facility at Dural in New South Wales represents just such a centre associated with communication technology, which could be seen as important to the longer term future of communication in Australia.

Other activities that spring to mind as relevant are the efforts of the Gladesville amateurs who employ broadcast television on a consistent basis for teaching purposes. In addition, the emergence of computer based message sending as provided by the Packet system are considered of extreme significance to the long term development of the so-called, "Information super- highway". In relation to the educational thrust adverted to earlier, the involvement of radio amateurs on an annual basis with young people involved in the Scouting movement and known as the Jamboree of the Air (JOTA), remains an important means of exposing impressionable young minds to the fascination and excitement of modern communication technology.

INTERNATIONAL ASSOCIATIONS

It is essential in any consideration of licensing fees to recall that Radio Amateurs do not operate in an isolated Australian vacuum. On the contrary, on the basis of long established international treaty, Amateur activity is confined to limited segments of the radio frequency spectrum which match the allocation of Radio Amateurs in most countrys which permit this form of operation. On this basis, the concept of "denial of the radio frequency spectrum to other users" is simply irrelevant. By definition and by international agreement, the Radio Amateur bands are unavailable rather than denied in the sense of precluding the derivation of some form of economic rent as can be the case with a commercial or other form of operator.

While clearly the issue that has prompted this submission is specifically Australian in its complexion, it is appropriate to recall that the amateur radio activity is global in its scope. For this reason, it is possible to examine the operations of radio amateurs in other parts of the World and compare what they are doing with what is proposed for Australia.

We consider it as entirely relevant to note that in the United States, where similar concerns for cost recovery by Government have operated over the years, in the ultimate radio amateurs in that country no longer are burdened with any form of license fee. The clear implication of this situation is that, in the United States, the public benefit available in having a strong resource of technically adept and motivated persons is seen as far outweighing the general cost burden of managing the activities of such a group. In this context it is perhaps relevant to note that, in the main, the management responsibilities of the Federal Communications Commission (FCC), have been transferred to the American Radio Relay League in a comparable fashion to the devolution of the responsibility for examinations as it has occurred in Australia. What does not appear to have been an issue in America is the public benefit of a strong and well supported amateur radio service. By contrast, in Australia the proposed imposition of the new spectrum user tax on amateurs suggests that the activity is seen as purely self-serving and in the same general arena as social golf. It appears that the Americans take a far more enlightened approach to the benefits of having individuals increase their scientific and technical knowledge by self-help and an examination process, than appears to be the case in Australia currently.

PROPOSAL

As outlined in this submission, it is clear enough that over the years radio amateurs have provided an extremely important source of trained and motivated persons useful to the needs of the public community in times of emergency and also in time of war. While it is conceded that technical change has made less pressing some of the advantages of access to such persons as compared perhaps, with the 1940's, nevertheless as demonstrated by recent cataclysmic events such as Cyclone Tracey and the Newcastle earthquake, there remains an important place for individuals to provide independent amateur communication services.

In this respect it is relevant that a substantial number of radio amateurs, numbered in thousands, provide significant communication services to such public organisations as the State Emergency Service and the Bushfire Brigades. This group is identified by the acronym WICEN, which stands for the Wireless Institute Civil Emergency Network. The activities of this group were most notably demonstrated in the recent bushfire emergency in New South Wales and their efforts were universally acknowledged after the event. Beyond that, the significant success of the amateur service communication network as compared with the Government sponsored communication systems, has lead to a radical change of technology in New South Wales in the last six months. This suggests that the Radio Amateur remains an important resource in a practical and theoretical sense in much the same way as was the case 40 and 50 years ago.

Examination of the objectives of the SMA coupled with the most recent proposals for increases to license fees suggests that the salient difference between what is now proposed and what has existed previously, is the imposition of a tax. This proposed tax assumes that the use of the spectrum is entirely a self-serving activity with effectively no public interest benefit as compared with what appears to have been perceived by legislators and motivated them in previous times. It is submitted that the Radio Amateur Service continues to provide facilities and an important public resource at its own expense, based upon education obtained in its own time and at its own volition. Such a service should not have imposed upon it a tax the sole purpose of which is raising additional Government revenue. This is more particularly the case, given the decision to surrender a revenue approximately ten times that currently available from the Radio Amateurs in the form of the licensing fees previously obtained from the Citizens Band Operators.

Given the American example referred to, we consider that there is a very strong argument to support the proposition that there should be no license fee imposed upon Radio Amateurs and the cost of administration should be born by the Public at large.

Dural Report

Here again is another report on activities at the Dural broadcast station.

The Dural Engineering team is looking upwards, with plans for a re-peater on 13cm, and beacons on 13cm, 9cm, 6cm and 3cm; as the saying goes: "Use them or lose them", and any assistance in these areas will be welcome. Also on the burner are a "Spread Spectrum" beacon on UHF and a "coherent CW" (CCW) beacon on HF, to encourage experi-mentation on these modes.

The 23cm repeater has been overhauled, but according to reports on the callbacks there would still appear to be a fault in the antenna system; this will be looked at when a "working bee" has been arranged to inspect all antenna systems here at Dural.

The 2m/70cm repeater controller has been placed back in service following an extended "grease and oil change", but some problems still remain, possibly as a result of the vandalism it suffered last year.

The 2m SSB service will soon be back on air, and should a suitable 6m transceiver become available then this service can also be re-stored.

A transceiver has been obtained which will be put to use as a 10m FM simplex outlet, for which we would like to thank Peter VK2EMU; equipment for a 10m repeater is also being obtained.

Finally, although our half-kilowatt AM transmitters on 160m, 80m and 40m are assured of a steady diet of "810" modulators and finals, their supply of "807" drivers is drying up, so if anyone can supply these, along with bleeder resistors for AWA J54-800 transmitters, then could they please contact the Dural Engineering team.

-- Dave VK2KFU, Dural Engineer

MIR & Shuttle visible passes from Sydney

Robin Gandevia VK2VN tells us that both the Russian Space Station, Mir, and the Space Shuttle Discovery, will be visible (weather permitting) over Sydney in the next few days.

What is specially exciting about this event is that Discovery will be following MIR, in a rehearsal for a docking planned for later this year. The Shuttle and Mir will be separated by between a few hundred metres and eight kilometres.

The passes are from the south west to the north east. In these passes, the spacecraft will fall into the earth's shadow of the sun over a 5 to 10 second period.

The two should be relatively bright, however viewing on Monday is doubtful as the sun will not have set for long. But I have included the times in view of this unique event. When overhead, perhaps listen to 145.550 MHz -- the amateur radio frequency used by both spacecraft.

The following are the UTC times. These should be accurate providing no manoeuvre is carried out in the meantime (that is apparently unlikely, but watch for STS-63 bulletins).

Today Time (UTC) Azimuth Elevation
RISE 10:13 245 2
(Highest) 10:17 310 18
Shadow 10:18:30 340 14

Monday (if visible)
RISE 09:17 235 7
(Highest) 09:21 320 45
Shadow 09:25 030 4

The satellites will probably not be visible until they are at least 10 degrees above the horizon. Allow yourself at least several minutes to adjust to the light, and get your bearings.

The "highest" time given is when the satellites will be at their highest elevation, which is as close as they will get to Randwick in Sydney. The satellites will be orbiting at a height of 400 kms. Elevation can be deceptive -- it is often higher than you think. They should be like bright stars, though brilliance can vary significantly during a pass.

Robin says he's found that those most fascinated to see a "spaceship with men in it" are the totally non-technical, and he suggests you inform your non-amateur friends about it.

Users of Robin's popular Ham Log program are advertised that he will be at the Wyong Field Day on 26th February, and will be distributing free updates to Ham Log's DXCC and prefix databases. Just bring along a disk, and Robin will copy the files for you.

--Robin Gandevia VK2VN

Help wanted

An American Amateur, who has a friend on an exchange student basis, presently in Mullumbimby, would like to contact someone with whom he could arrange a sked for the time this student is in Australia.

Anyone willing to provide this service, could you please call the Division on our toll free number tomorrow, Monday on 1-800-817644, or call the Broadcast Officer, Michael Corbin, VK2PFQ on 02 626 9288.

****

Help needed, please!

Bob Yorston, VK2CAN, is desperately in need of a service manual, for an Icom IC12GE or IC12GAT transceiver. Icom, for various reasons, cannot oblige.

If anyone has access to such a manual, Bob would be quite prepared either to purchase it, or else to cover the cost of photocopying and postage.

Alternatively, rumour has it that there are some places in the United States which handle such things. Can anyone please help with information such as an address?

Bob can be contacted QTHR, or on 02-416-3727.

****

Help available

Remember those Plessey 12A LNCs which were available at the last Trash & Treasure? They will be on sale again at Wyong, $5 each -- personal shoppers only, no limit.

Should you require any technical information, how to pull them apart, circuit diagrams, etc., contact Bob Yorston QTHR or phone 02 416 3727.

****

Magazine Roundup

Here again is a summary of the local magazines, which in the author's opinion could be of interest to Amateurs. This week we

discuss the February issues of the various magazines.

"Electronics Australia" completes their story on pioneer Archie Caswell; builds a solid-state audio recorder and a simple function generator; completes a stereo TV sound receiver; and plays games with a "4060" binary counter.

"Silicon Chip" builds a six-channel thermometer and an oil-change timer, and continues a series on remote-control receivers.

"Amateur Radio" describes a simple way of constructing PCB circuits; builds a half-watt transmitter from a CMOS octal buffer; shows a simple replacement for lithium backup batteries; continues their series on repeater cavities and the tuning thereof; and presents some circuits for the Curtis 8044ABM CW keyer chip.

"Amateur Radio Action" discusses whether Morse Code has a place in Amateur Radio; builds an Australian-designed packet radio TNC; and continues their series on weather satellites and remote imaging.

Be listening next month for another summary of the local magazines.

-- Dave VK2KFU

News briefs

A small company in Princeton, New Jersey, has developed what may turn out to be the "next wave" of hydroelectric innovations. Ocean Power Technologies has produced a piezoelectric polymer sheet which it hopes will be used to generate electricity from ocean waves.

The idea is to anchor the sheets to the ocean floor, attaching the other end to a float on the surface. As the sheet stretches with passing waves, a DC current is generated, through the well-known piezoelectric effect.

The sheets are made of a material called polyvinylidene fluoride (a cousin of PVC); where the system will score over other wave generation systems is that apart from the sheets, there are no moving parts, and nothing to corrode in the sea water.

Eventually, hydropiezoelectricity (or HPE) could be used to generate electricity for the mational grid, for as little as 3 cents per kilowatt-hour. The company (one of whose founders hails from Parth, WA) is currently negotiating with potential partners in Australia, Japan, and Malaysia.

***

"News Briefs" looks at communications news items that appear in the mainstream media. Thanks this week go to "The Sydney Morning Herald". If your local or regional paper runs an item of interest to Radio Amateurs, why not send a clipping to the Divisional Office?

--Richard Murnane VK2SKY

WICEN News

The major event this month is the Central Coast Amateur Radio Club Field Day, at Wyong Racecourse, on Sunday 26th February. As usual there will be a WICEN stall next to the Caravan, and people, in uniform, are requested to help staff it for an hour or two from 1000 to about 1500; this is an important "PR" exercise, as we sign up many new members at this event. Please contact Alan VK2YYJ if you can help, during tbe day on (02) 839-1388, or via packet radio at VK2CZR; members will recall that Alan has run several such shows, and we hope he will receive all assistance this year.

Events next month include the "RTA Big NSW Bike Ride" from the 4th to the 11th of March, and the annual Bungonia Cave Rescue on the weekend of 18th-19th March; there will be further information in a later broadcast.

A major event in April is the Oberon Car Rally on 29th April, and about 20 people are required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Central Coast Field Day

The famous CENTRAL COAST FIELD DAY" is now just three weeks away. If you have neer previously been to a Central Coast Field Day, then you don't know what you have missed. The Central Coast Field Day is probably the largest event of its kind in the Southern hemisphere, more than 2,000 people regularly attend.

Apart from the trading of truckloads of new and second hand equip-ment, the Field Day provides for interesting lectures and workshops on topical subjects. At this year's Field Day, there will be lectures on the latest developments in Packet Radio, amateur television, and technical product presentations by amateur equipment manufacturers.

One of the most popular workshops for the past few years has been Lyall Patterson's Microwave experimentation and publicity bout his recent 10 GHz "Moon Bounce" has spread throughout the world. Lyall's Microwave Workshop will be packed out this year, so you better be early for that one.

The 1995 Field Day is being held at Wyong Race Course, a 5 minute walk from Wyong Railway Station. Two entry gates will be in operation this year to avoid the traffic congestion that has occurred in the past. Gates will not open until 8.30 a.m., and this includes entry for Flea Market traders.

Further enquiries concerning the Field day can be directed to the Field Day Committee, Box 252, Gosford, NSW, 2250. Telephone enquiries can be made by phoning (048) 40 2500, or via Packet to VK2AFY @ VK2EHQ.

We hope to see you at the CENTRAL COAST FIELD DAY in three weeks time, on 26th February.

--Bob Fitzgerald, VK2XRF
CCARC Publicity Officer

CLUB NEWS -Chifley ARC-

Do you want to have your own Amateur Radio licence?

The Chifley Amateur Radio Club is conducting classes for the amateur radio licence.

They will cover Morse Code, Theory, and regulations, for the amateur radio licence.

Classes start on Wednesday 8th February 1995.

The classes are on every Wednesday night at 7-30 pm.

The address is:
Good Shepherd School Hall, Hyatts Road, Plumpton.
100 metres south of Jersey Road. Opposite the new shopping centre building (Plumpton Markets).

Postal address:
Chifley Amateur Radio Club
Post Box 280 Mount Druitt 2770

Telephone number: 671-6992 or 637-2226

Once you have your Amateur radio licence, we will then show you how to connect your home computer to your radio and talk to the world using your computer.

Using any one of the many DIGITAL modes is a fascinating way to use your radio and computer.

Come along to our club rooms any Saturday afternoon and have a talk to any of any of our members for more information or come along on Wednesday night 8th Feb at 7-30 pm.

Visitors are always welcome.

Bi-Monthly General Meeting

On 11th February the Chifley Amateur Radio Club will be holding its bi-monthly general meeting, at the club rooms starting at 1-30 pm.

At this meeting the members are able to ask the committee questions on operation of the club. At these meetings the committee ask the members for feedback on various topics in relation to the club.

The Chifley Amateur Radio Club holds meetings EVERY Saturday afternoon from 1-30 pm to 4-00 pm.

These meetings are held for the members and their friends to come along and talk about any amateur radio, computer, related subject, or just to have a cuppa and chat with some friends.

So come along any Saturday afternoon and meet some of the members of the Chifley Amateur Radio Club. You will be welcome.

Classes start on 8th February at 7-30 pm
General meeting on 11th February at 1-30 pm

from the
Chifley Amateur Radio Club Inc.
Publicity Officer: Ray Sparks VK2FKO

VK2WI Broadcast, 29th January 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is acknowledged.

CLUB NEWS -AATVC-

Australian Amateur Television Club Inc.

The next meeting of the A.A.T.C. Inc. will be on February 12th 1995 to be held Radio House - Wigram St Parramatta - 1.00 pm.

The meeting will outline the objectives for the Wyong Field Day and input from members is expected regarding the display.

A technical overview will be given about the new CPU controlled repeater about to come on line plus other technical directions.

Anyone interested in ATV is welcome to attend for general information about ATV.

For more information about ATV - contact the Publicity Officer on (02) 587-3491 between 4.00 pm and 10.00 pm Monday to Fridays.

Remember the Wyong Field Day is only 3 weeks away - see us there !!

AATC Inc. Publicity Officer Bob Barnes VJ2R

Coming events

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Short Wave Listeners ...

Please note that the Divisional Office will be closed this month; however, you can still call us, as the phone has been redirected to a duty Councillor.

SPARC meeting at new club room, North Sydney . . . . . Today
Chifley ARC classes begin. . . . . Wednesday
Chifley ARC general meeting. . . . . .Saturday
AATC meeting at Parramatta . . . . . 12 February
Hunter WICEN meeting (Pauline VK2GTB). . . . . 20 February
Central Coast ARC Field Day at Wyong . . . . . 26 February
Proposed new Amateur Licence fees come into effect . . . 1 March
RTA Big NSW Bike Ride (WICEN). . . . . .4-11 March
Daylight Saving Time ends. . . . . 5 March (check)
Signals Reunion at Wagga Wagga . . . . . 10-11 March
Bungonia Cave Rescue exercise (WICEN-Mark VK2XGK). . 18-19 March
Hunter WICEN meeting (Pauline VK2TGB). . . . . .20 March
Divisional Trash and Treasure Sale . . . . . .28 March
Easter Monday public holiday . . . . . .17 April

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066.Items can also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 5th February 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is acknowledged.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1794. Re: alt.radio.amateur.tenten

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 23:37:48 UTC
From: mg@ac.duke.edu
Message-ID: <3hbkkc$2mg@news.duke.edu>
Source record: 252717
Cross-posted to: alt.config,rec.radio.amateur.misc

[Followups directed to alt.config]

In article <3hbg9l$du1@mozo.cc.purdue.edu>,
Duane P Mantick <wb9omc@constellation.ecn.purdue.edu> wrote:

>I brought this issue up in rec.radio.amateur.misc several times
>over the course of the last year or so, and while there didn't
>seem to be enough interest *currently* to justify going
>through the whole RFD and CFV etc for a rec.* group, there
>was some positive interest in forming an alt.* group FIRST,
>and if the interest grows, seeing about moving it to the rec.*
>heirarchy.

I'm afraid you've fallen prey to a commonly held misconception that
you can try out a group in alt, then move it to the Big 7 later.
This actually turns out to be pretty difficult to do effectively.
For a number of reasons it is very difficult to effectively remove
an alt group, so what happens once the rec group is created is that
there are two groups for the topic instead of one, which means that
many people who want to see all the discussions have to subscribe to
both groups, which is very inconvenient and confusing. I would strongly
urge you, if you think you might want to go to a Big 7 group at some
point, that you do so to begin with. If the group cannot pass a vote,
you can still come back to alt to put it.

Hope that helps,

-- M.

--
Michael Grubb <mg@ac.duke.edu> "not qualified to appear in public"

1795. IPS Daily Report - 08 Febraury 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-08 23:39:59 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb8.233959.3203@ips.oz.au>
Source record: 252278
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 08/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 08 FEBRUARY AND FORECAST FOR 09 FEBRUARY - 11 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 86/29

GOES satellite data for 07 Feb
Daily Proton Fluence >1 MeV: 2.0E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 3.7E+07 (normal)
X-ray background: A9.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
09 Feb 10 Feb 11 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 09 Feb: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Mostly quiet to unsettled with active
levels from 00-03 UT and minor storm
levels 09-12 UT.

Estimated Indices : A K Observed A Index 07 Feb
Learmonth 17 4335 3222
Fredericksburg 25 10
Planetary 30 8

Observed Kp for 07 Feb: 2322 1114
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
09 Feb 10 Quiet to unsettled however, there may be an isolated
active period during local night hours.
10 Feb 8 Quiet to unsettled
11 Feb 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Feb normal fair-normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
09 Feb normal normal fair
10 Feb normal normal fair
11 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
08 Feb 45 Near predicted monthly values with 20-40%
enhancements from 02-04 UT and 08-09 UT,
30% depression at 12 UT.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
09 Feb 30 Near predicted monthly values
10 Feb 25 Near predicted monthly values
11 Feb 25 Near predicted monthly values

COMMENT: Townsville frequencies were 20-50% enhanced 08-10,
13-21UT. Hobart frequencies were 30% above 07-09UT and 30%
depressed 14-17UT. Spread F and sporadic E were observed at
Hobart from 12-19UT.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1796. FREE EXAMS IN SAN DIEGO!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 00:36:31 UTC
From: tmill493@bssbbs.com
Message-ID: <kVc9Zc1w165w@bssbbs.com>
Source record: 252281

SANDARC, the San Diego Amateur Radio Council has a different FREE examining session each weekend in a different part of the county. If you wish to upgrade or even take a first time test, call 465-EXAM

If you have any further questions, drop me a note, and I will get back with you as quick as I can.

73, Tuck KC6ZEC, Affiliated Club Coordinator, San Diego Section of the ARRL.

1797. Re: Vanity Callsign Humor

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 02:24:31 UTC
From: dave@eram.esi.com.au
Message-ID: <3hbucv$gsc@eram.esi.com.au>
Source record: 252283

In article <3h8mvs$j2g@agate.berkeley.edu>,
Tommy the Tourist (Anon User) <nobody@csua.berkeley.edu> writes:

| Well, I don't want to sound morbid, but how long will it take before
| hams start killing off their least favorite ham relatives just to
| get a coveted callsign?
|
| [Name and address withheld due to weirdness of the preceeding]

No need to feel embarrassed - it's a common occurrence in VK at least
(the re-issued callsigns, I mean - not the, umm, "expediency").

PS: Haven't seen you on Cypherpunks much, or is there more than one?

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

1798. VO Hamfest in July.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 02:29:04 UTC
From: ppiercey@random.nlnet.nf.ca
Message-ID: <3hbulg$9ek@coranto.ucs.mun.ca>
Source record: 252288

The Society of Newfoundland Radio Amateurs will be hosting the 1995
VO Amateur Radio Association Annual General Meeting in conjunction with
HamJam '95, the VO Hamfest.

The hamfest will be held from July 14 to 16 and includes many
informational sessions, a Banquet and BBQ as well as the AGM of the
Provincial Amateur organization. There will also be many other activities
for the non-Amateurs.

For more information and a registration form, please Email the chairman
of the Hamfest, Ken Whalen (VO1ST) at either:

kwhalen@morgan.ucs.mun.ca or

VO1ST @ VO1SIG.#ENF.NF.CAN.NA

Any Amateurs planning a vacation or business trip to NF (or looking for a
new place to explore :)) can add this event to their agendas. It will
prove to be a good time had by all!! You can even visit the SONRA station
located at the site where Marconi received the first trans-Atlantic
wireless signal in 1901.

We look forward to hearing from you.

73 de SONRA

--
==
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca
==

1799. NEW BOOK ON WEATHER MAPS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 02:50:54 UTC
From: TSTS50A@prodigy.com
Message-ID: <3hbvue$4v96@usenetp1.news.prodigy.com>
Source record: 252284

Does anybody out there receive weather maps via the internet or from the Navy's radiofax? I've been looking at these charts for years without knowing what I'm looking at most of the time, and finally located a new book jthat describes how to read the lines on the various weather charts.

Anyway, the book is called, "WEATHER MAPS - How to Read and Interpret all the Basic Weather Charts". If you get this data also, or plan to, then this book is the "cat's meow."

It costs $29 and their address is: Chaston Scientific, Inc.
P.O. Box 758
Kearney, MO
64060

If you get a copy and are a weather enthusiast also, share your impression of this book with me. I'm thinking of recommending it to amateur radio veterans who volunteer as weather spotters, etc.

1800. 8Q7 Info-Have you been there?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 03:08:26 UTC
From: knob@netcom.com
Message-ID: <knobD3pq22.Iqp@netcom.com>
Source record: 252285

Hi,
I'm on my way to 8Q7 in April...has anyone been there that can tell me
anything that I should know before I go??? Any licensing problems
anyone's had??? email is ok to knob@netcom.com

Thanks!
-Jeff <knob@netcom.com> KA6LAF/FO0KI
--
-=-=-=

1801. EOSS-22 Balloon Flight Delayed

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 03:52:02 UTC
From: rickvg@usa.net
Message-ID: <22PEISEHGUnH075yn@usa.net>
Source record: 252286

A delay for EOSS-22 has come up. Here is the updated info as well as an expanded rundown on the payload systems.

FLIGHT PROFILE FOR EOSS 22

LAUNCH DATE: March 11, 1994
LAUNCH SITE: Air Force Academy Glider Port
LAUNCH SITE COORDINATES: 38.9666 deg North, 104.81666 deg West
LAUNCH TIME : 15:30 UTC (tentative)
EXPECTED TRACK: Between 35 degrees and 145 degrees azimuth
FLIGHT EXPERIMENT: Atmospheric Sampling of Inversion Layer
SECONDARY EXPERIMENT: Ozone sampling throughout the flight.
PROJECT INTEGRATOR: University of Colorado at Colorado Springs,
Jack Crabtree AA0P

Shuttle II FREQUENCIES:

Telemetry:
144.340 MHz FM (1 Watt output) - The Packet telemetry stream is in ax.25 format at 1200 baud and is readable in plain english for the most part. Included in each telemetry frame is an APRS position string (APRS users see note below). Every few minutes a CW ID is transmitted on this frequency.
Beacon:
147.555 MHz FM (250 milliWatt output) - Continuous CW ID
ATV:
426.250 MHz AM (1 Watt output) - Color NTSC video
10 Meter Beacon:
28.322 MHz USB (500 milliWatt output) - Continuous CW ID

Foxhunters:

Pikes Peak FM Association Repeaters 449.450 MHz (tentative)

PURPOSE OF THE FLIGHT:

Launch is scheduled for 15:00 UTC at the United States Air Force Academy's Glider Port.

Two experiments will be flown.

1.) A gas capture experiment to sample air below and above the thermal inversion that regularly resides above Colorado Springs. These samples will be obtained by using computer controlled, evacuated canisters. These canisters will be recovered and the gasses they capture will be analyzed for

their constituents.

2.) Ozone will constantly be monitored throughout the flight. This information will be transmitted to the ground via telemetry channels in the EOSS "Shuttle II" where they will be captured on computer for later analysis.

notes:

Automatic Position Reporting System (APRS):

EOSS Shuttle controllers now beacon on the packet telemetry frequency with an APRS position string. If you are running APRS you should be able to graphically track the progress of the flight on the "CODENVER.MAP" map file. The Shuttle is not a TNC equipped packet station. It only reads data from various sensors and experiments and formats and transmits that data in AX.25. Therefore, beacons from other APRS stations will NOT be retransmitted (digi). So, inorder to minimize possible interference with hams in your area, we request you turn off the position beacons in APRS. Thanks!

ATV:

The Amateur Video Signals from the payload may be picked up by a cable ready TV set on channel 58. However, you need to be very close to the balloon, and have a directional antenna to do this as cable receivers do not have much sensitivity (why should they?). If you don't have a cable ready set, try tuning DOWN from UHF channel 14. Some sets can receive the signal there too.

Who Can Hear It:

Almost all our transmitters are on VHF or above frequencies. Therefore, you need to be line of site to the payload to hear/see it. Since the payload rises to an altitude of over 90,000 feet on most missions, reception is usually possible for folks in most of Kansas, most of Nebraska, most of Wyoming, extreme south eastern Idaho, eastern Utah, north eastern Arizona, most of New Mexico, northern Texas, and western Oklahoma. DO NOT BE DISCOURAGED by the apparent low power of our signals. I usually monitor the 147.555 Beacon with an HT from the ground station throughout the flight. The signal is strong even at 130 miles and I only lose it when the balloon descends below my horizon. We have a 10 meter beacon under construction. This beacon should be flying with us from now on. Depending on conditions, this signal may be heard just about anywhere world wide. However, it's most likely to be heard one or two skips away limiting it's reception to the USA, Canada, and Mexico. But, it can't hurt to try and copy it.

For more information about Edge of Space Sciences, try our home page on WWW at <http://usa.net/~rickvg/eoss.htm>

--

73 -- Rick

****
* Rick von Glahn Edge of Space Sciences, Inc. *
* rickvg@usa.net - Internet (preferred) Promoting Science and Education *
* N0KKZ@W0GVT.#NECO.CO.USA - packet radio through Amateur Radio and *
* http://usa.net/~rickvg/home.htm High Altitude Balloons *
* http://usa.net/~rickvg/eoss.htm for EOSS information *
****

1802. Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 04:00:06 UTC
From: bobr@on-ramp.ior.com
Message-ID: <3hc406$ctn@on-ramp.ior.com>
Source record: 252287

What is a gin pole used for and how does one use it?

--


```
+--------------------+-----------------------+-------------------------+
| Robert J. Raymond | Spokane, Washington | bobr@on-ramp.ior.com |
| Patricia Raymond | Amateur Callsign KG7WC | http://www.ior.com/~bobr|
+--------------------+-----------------------+-------------------------+
```

1803. Eastlink list

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 04:42:32 UTC
From: bildin@dorsai.org
Message-ID: <D3puEw.8xH@dorsai.org>
Source record: 252289

I am looking for a list of the repeaters that are on the Eastlink system
which runs from CT through N. Carolina. Any info. in order to compile a
list would be greatly appreciated.
73 de AA2TF

1804. Dayton info query

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 06:10:33 UTC
From: dledwith@ccnet.com
Message-ID: <3hcbkp$lbr@ccnet.ccnet.com>
Source record: 252290

Does anyone know how I can get a program for the Dayton Hamvention
and/or who is the editor/publisher?

1805. FW: WEBERSAT

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 07:19:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F39C262@smtp>
Source record: 252291

I would like to e-mail with users of the Webersat satellite. Anyone out there?
Please e-mail.
Thanks,
Peter, KC1QF/ON9CGV
pve@dg13.cec.be

1806. Re: Cushcraft

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 09:22:45 UTC
From: gbaron@sparc.isl.net
Message-ID: <3hcmt5$8fs@news.isl.net>
Source record: 252294

In article <17e_9311281631@g-box.fido.hr>, Milan.Bandur@mimi.g-box.fido.hr says...
>
>Hi!
>
>I would be grateful if anyone knows Cushcraft's fax number and adress.
>Please reply here or e-mail me. Thank you.
>
>Greetings, MIMI
>--

Cushcraft
48 Perimeter Road
Manchester, NH 03108
Tel. 603-627-7877 Fax 603-627-1764 Telex 4949472

>| Fidonet: Milan Bandur 2:381/102.9
>| Internet: Milan.Bandur@mimi.g-box.fido.hr
>| Standard disclaimer: The views of this user are strictly his own.

1807. Re: Febuary RAD-COM Misprint??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 09:29:55 UTC
From: poa01@cc.keele.ac.uk
Message-ID: <3hcnaj$orj@gabriel.keele.ac.uk>
Source record: 252295
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

robin@ayjen1.enet.dec.com wrote:

: I read the Feb RAD-COM article on the INTERNET with interest and tried
: to subscribe to one of the mailing lists detailed.
: it was the one for FT1000,FT900 users. printed as
: 900-info@xyzoom.info.com

: However I have tried various combinations of this with no-luck, the
: demon and xyzoom keeps bouncing with unknown address.

: Does anyone know of the correct address for this list.

: Thanks

: Robin
Sorry about that, Robin. Will check back through the files to see if
I can find the original note and post a correction here, if possible.
That may take a few days. Alternatively the account may have closed
since the article was submitted in November.

Regards

Martin G3USF

1808. <ad> GUARANTEED CREDIT REPAIR BY LAW FIRM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 10:47:14 UTC
From: ccapc@cyber.sell.com
Message-ID: <3hcrri$o7p@panix.com>
Source record: 252298

Consumer Credit Advocates, PC
11 Pennsylvania Plaza, Suite 2101
New York, NY 10001
(212) 629-5261 (telephone) (212) 629-4762 (fax)
E-MAIL: ccapc@cyber.sell.com

Our LAW FIRM offers direct guaranteed effective credit restoration services by experienced attorneys. THIS IS NOT A DO-IT-YOURSELF KIT.

What can we do?

We have successfully facilitated the removal of Late Payments, Charge-offs, Foreclosures, Repossessions, Collection Accounts, Loan Defaults, Tax Liens, Judgments and Bankruptcies from our clients' credit reports. WE GUARANTEE THAT YOUR CREDIT CAN BE RESTORED!!!

Who needs our services?

Anyone who has experienced the inconvenience and embarrassment of being turned down for a credit card, a lease or a purchase of an automobile.

Anyone who is unable to buy the house of their dreams due to denial of a mortgage application or who has to pay thousands of dollars more in mortgage interest than someone with good credit.

Anyone who has been turned down for a job or promotion due to derogatory credit items on a credit report.

Anyone in business who has lost a deal because a person or firm wanted to see his/her credit report before doing business.

Anyone who has been unable to establish credit.

THE FOUR GREAT MYTHS OF CREDIT:

Myth #1: It is illegal or immoral to have your credit report cleared.

Fact: It is not illegal nor immoral. In fact, that is what the Fair Credit Reporting Act is all about. The act was enacted by Congress in 1971. One of its purposes as to give consumers the protection of the law and to help guard against

any unwarranted invasion of a consumer's right to privacy.

Myth #2: The information on a credit report cannot be changed.

Fact: Actually, the opposite is true under the Fair Credit Reporting Act. Federal and State laws require that items be removed if they are not 100% accurate or cannot be verified in a timely manner.

Myth #3: It is impossible to get a bankruptcy off a credit report.

Fact: Bankruptcies can come off credit reports like any other derogatory item. The nature of the derogatory item has nothing to do with its removal under the Fair Credit Reporting Act.

Myth #4: Credit Reporting Agencies are empowered with some kind of governmental authority.

Fact: Absolutely Not!! They are simply large corporations whose primary goal is to make a profit like any other business.

If you have ever applied for or received credit, a file exists in one or more of the credit bureaus. These companies collect, store and distribute as much credit information as they can find, retaining negative information on a credit report for 7 to 10 years. This information is evaluated by potential creditors to determine your credit worthiness.

Credit reporting agencies are in business to protect the interests of the creditors. the LAW FIRM's goal is to help and protect the individual consumer from inaccurate credit reporting.

The president of our LAW FIRM has been practicing consumer law since 1984. The staff of our firm has successfully processed, disputed and challenged thousands of client credit reports.

Our legal fee is based o the number of negative items that appear on a client's credit reports, issued b the three national credit bureaus. Our retainer agreement offers a MONEY BACK GUARANTEE stating that if any negative item is not deleted, upgraded or corrected from a client's credit file, it will give the client a full refund for that item or continue to process the client's file at no additional fee until that item is

corrected, upgraded or deleted. THE ONLY THING YOU HAVE TO LOSE IS YOUR BAD CREDIT!!

PLEASE CONTACT THE LAW FIRM AND LEAVE YOUR FULL NAME, MAILING ADDRESS AND TELEPHONE NUMBER SO WE MAY FORWARD FURTHER INFORMATION AND INSTRUCTIONS TO YOU ABOUT OUR SERVICE.

Consumer Credit Advocates, PC
11 Pennsylvania Plaza, Suite 2101
New York, NY 10001
(212) 629-5261 (telephone) (212) 629-4762 (fax)
E-MAIL: ccapc@cyber.sell.com

1809. Re: Prospective HAM needs advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 11:20:03 UTC
From: walt@waltd.demon.co.uk
Message-ID: <792328803snz@waltd.demon.co.uk>
Source record: 252302

In article <3hbcph$rss@grape.epix.net>
aecaslin@news.epix.net "Async User" writes:

> Is there anything on Internet which gives a good overview of
> what licenses are needed and what type of equipment I should be looking
> for? I will appreciate your comments, advice and/or direction. Thanks.

There sure is! The American Radio Relay League (ARRL) is the national
radio amateurs' organisation in the USA.

Send an E-mail message to info@arrl.org

No subject .... but the following text:
help
index
quit

You will receive a long list of useful articles about amateur radio, and
instructions on how to request them from the server. It is all free
of charge!

Good luck!
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1810. Re: QST on the Newsstands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 11:32:17 UTC
From: as041@FreeNet.Carleton.CA
Message-ID: <D3qDDt.GLK@freenet.carleton.ca>
Source record: 252305

In a previous posting, A.M. Cohn (andy@clark.net) writes:
> A long time ago, the ARRL announced that QST would be available on the
> newsstands. Since then, I have never once seen the magazine on the dozens
> of stands I periodically visit. Has anyone ever seen the magazine?

I see it on many, even obscure newsstands, here in Ottawa, Canada.

According to the Janaury 1995 *It Seems To Us* editorial (page 9), QST has
been on the newsstands since last July.
--
Robin Ludlow, VE3YE, Editor, The Canadian Amateur. Voice phone: 613-837-4477
Packet radio: VE3YE@VE3KYT.#EON.ON.CAN.NOAM Fax/modem: 613-837-5723
Snail mail: 114-535 Canteval Terrace, Orleans, Ontario, CANADA K4A 2E4
Internet mail: as041@freenet.carleton.ca

1811. HELP-Baycom & Windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 12:57:14 UTC
From: jgolubov@public.srce.hr
Message-ID: <3hd3fa$ho9@nippur.irb.hr>
Source record: 252312

HA> > Jim Devenport (jdevenport@lanl.gov) wrote:
HA> > : I have tried unsuccessfully, repeatedly, to get BAYCOM 1.5 to
HA> > : a Windows icon. The serial port interrupts seem to be the pro
HA>
HA> > I believe Baycom and Windows can't run at the same time.
HA>
HA> I guess this just about clinches it for a Kantronics... ;-)

BAYCOM will definitely not run in an multitasking environment such as MS WINDOWS, DV, etc...

The reason is simple: BAYCOM monitors hardware lines of serial port which

takes much processor time even for 1200 bps half duplex and multitasking "blackouts" is usually long enough for Baycom to loose some bits in frame.

Transmisions will also be garbaged and will make a QRM on Packet Net ferq.

The same thing is for TFPCX, it will also refuse to fire up in MS WIN

DOS window.

16550 doesn't help here: AX.25 frames are handled by program, not serial port. In fact, with some programs you can use any available I/O port for connecting BAYCOM modem.

If somebody plans to run packet from an multitasking environment, he/she must also plan to buy or make an TNC-2 or any other appropriate AX.25 controller which will handle protocol layer.

Maestro.

1812. MFJ DSP Filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:22:58 UTC
From: rwlade@gate.net
Message-ID: <3hd4vi$1gi3@tequesta.gate.net>
Source record: 252313

I have been using my MFJ DSP filter for about 3 months now. I think it's great, but I'm disappointed with its performance in the Noise Reduction mode. Anyone else notice that? I hear MFJ is coming out with a chip update. Anyone have the inside dope on that?

Post *and* e-mail. Thanks.

Bob W9UCR

1813. Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:37:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5838.545@acenet.com>
Source record: 252320

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Jeff Angus writes:

JDA> Go f**k yourself.

That is not possible Jeff. Are you attempting some Junior High
kind of insult here? Tsk tsk. I guess so. I feel sorry for you.

JDA> Call the sysadmin at grendel.com and get the same answe

Your messages are deliberately offensive. The FBI and FCC are interested
in your types of messages. Believe it or not, your 4 letter word
is still a Federal Offense over public common carriers like Internet
and BBSes that any one of any age may call and read.

JDA> This is usenet, not "Nick at Night".

Very clever argument, but it will not wash in Federal Court where you
will likely wind up if you persist in this obnoxious, desperate
behavior.

JDA> Jeff Herman is a raving Homophobic

I don't care for your infantile name-calling against other users of this
conference. WHy don't you just SHUT UP and GO AWAY Jeff!

JDA> adjustment periodically. Since I have argued with him in the past, some
JDA> how or another, you seem to think I'm some sort of raving pervert and/or
JDA> homosexual.

I said nothing of the kind. I merely asked you to refrain from using the
unnecessary offensive words.

JDA> You don't like my postings? Put me in your kill file instead of trying to
JDA> tell me and others what to do.

He he! I can WELL say the same to you!
I can read them if I wish. You don't have to deliberately be so
provocative and annoying to the other users. If you don't like my
responses to your filth, don't read them. Simple enough, right?

JDA> Take some personal responsibility for your
JDA> own life.

Oh yeah, like *I* am the irresponsible one here. Right!

JDA> In case you missed it, "Go f**k yourself".

Yeah, I missed it! Cute Jeff. OUCH OUCH! That really HURT me!
Oh Jeffy, PLEASE PLEASE PLEASE don't tell me that AGAIN!!!!!!!

1814. Re: The Legacy of the No-

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:37:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5840.545@acenet.com>
Source record: 252321

Newsgroups: rec.radio.amateur.misc

WJT>In article <792090277snx@skyld.grendel.com>,
WJT>Jeffrey D. Angus <jangus@skyld.grendel.com> wrote:
WJT>> I don't criticize the CBers. Get your facts straight if you wish to
WJT>> impune me.

WJT>Looks like someone is having a bad day... (or week, month, year...)

Or just a plain ol' bad century!

 SLMR 2.1a Pine trees: God's way of saying "put up antennas!"

1815. Where to buy crystals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:37:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5839.545@acenet.com>
Source record: 252322

Newsgroups: git.radio.amateur,rec.radio.amateur.equipment
rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.swap

HPH>I have several Motorola HT220s (and a GE and a Maxon) that I
HPH>need to get crystals for. Can anyone suggest a place that sells
HPH>crystals for a reasonable price? I also need a line on low cost
HPH>batteries for the same radios.

Here ya go Harry:
Sources for crystals used in amateur radio:

Antique Radio Classified 508-371-0512 Write for free sample.
P.O. Box 802 Magazine. You'll find almost ANYTHING here
Carlisle, MA 01741 for older radios, obscure parts, tubes etc.

Cathodeon Crystals, Need phone number
A PYE Group Company
Linton,
Cambridgeshire
England (Need postal code) Crystals

Crystek Crystals 800-237-3061
2351/2371 Crystal Drive
Ft. Myers, FL 33907 Quartz Crystals

CW Crystals Inexpensive, but SLOW to respond.
570 N. Buffalo Street
Marshfield, MO 65706 (Crystals, $1.00 catalog)

International Crystal Mfg Co. 405-236-3741
10 North Lee Street Crystals!
Oklahoma City, OK 73102

ICM (International Crystal Manufacturing Co., Inc.) 800-426-9825
P.O. Box 26330: 701 W. Sheridan
Oklahoma City OK 73126-0330

JAN Crystals 800-526-9825: 813-936-2397
P.O. Box 06017: 2341 Crystal Drive: Crystals
Ft. Myers, FL 33906-6017

Petersen Radio Co. (712) 323-7539
2735 Avenue "A"
Council Bluffs, IA 51501 Crystals

Ryan Communications 412-368-3859
BOX 111E Camelot Road (QRP CW transmitter, ready made,)
Portersville, PA 16051 (and transmitter kits, crystals)

Velco Electronics (716) 924-2073
Address needed (716) 924-2136 = FAX
Crystals

I hope that helps you!

This list was prepared by AF4K, Brian Carling
Please send additional sources for inclusion in this list.
If you go to a hamfest and see someone selling crystals, please
get a card and send me their name, address and phone number.

AF4K @ W3INK
(301) 990-6070
brian.carling@acenet.com

• SLMR 2.1a • Pine trees: God's way of saying "put up antennas!"

1816. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:37:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5841.545@acenet.com>
Source record: 252323

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

JE>In article <792089431snx@skyld.grendel.com> jangus@skyld.grendel.com (Jeffre
JE>D. Angus) writes:

JE>> [more useless drivel from Brian deleted]
JE>>
JE>> Go f@@k yourself. Call the sysadmin at grendel.com and get the
same answe JE>> This is usenet, not "Nick at Night". JE>> JE>> Jeff
Herman is a raving Homophobic

JE>Homophobic = Fear of homos. That's not an accurate discription of me,
JE>Angus. Try Homodisgusted or Homonauseated (tm).

JE>We now return to you the ravings of Jeff Angus:

JE>Whew! Glad that's over. We can always count on Jeff Angus for a cool-headed,
JE>logically-reasoned response with impeccably chosen language.

JE>Jeff NH6IL

You forgot "mature, compassionate, kind!"

1817. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:39:10 UTC
From: jimkd0av@aol.com
Message-ID: <3hd5tu$1aa@newsbf02.news.aol.com>
Source record: 252314

The general thought is that electrons flow from negative to positive and
the "current" flow in the opposite direction.

1818. Re: 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 13:56:25 UTC
From: garym@alsys.com
Message-ID: <D3qK21.Hnt@thomsoft.com>
Source record: 252315

In <3h8ou4$n8i@adam.cc.sunysb.edu> seront@seism1.ess.sunysb.edu (Bernard Seront) writes:
>robert.brandon@camel.com (ROBERT BRANDON) wrote:
>>I'll be travelling in France in September and would like to take my HT.
>>Two questions: Has anyone gone through French permit process lately?
>>Is it a hassle, expensive, etc.?

I haven't tried it as I didn't have enough time before this trip. I talked
to the ARRL and they said you had to send an application by mail and it
takes 4 to 6 weeks to get your permit back. Since it was only 1 week before
I left (and you can't get the permit here in France) I gave up. I am in
Paris for 4 weeks but can't operate, oh well.
--GaryM KK6YB

1819. Re: how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 14:01:56 UTC
From: adams@chuck.dallas.sgi.com
Message-ID: <D3qKB9.6yH@odin.corp.sgi.com>
Source record: 252316

In article <VBREAULT.95Feb7143603@rinhp750.gmr.com>, vbreault@rinhp750.gmr.com (Val Breault) writes:
|> In article <3h66qb$h3j@godot.cc.duq.edu> SYJERRY@duq3.cc.duq.edu (Sy Jerry) writes:
|> I have just started using an iambic key and only use one paddle at
|> a time (no squeezing) to generate my dih and dahs.
...snip snip
|> Any character that has one or more elements (dit or dah) surrounded by
|> the other element will qualify. Examples are
|> C dah-dit-dah-dit dah pressed first and released first
|> F dit-dit-dah-dit hold dit, tap dah after second dit starts
|> K dah-dit-dah hold dah, tap dit after dah starts
|> ... and so on...
...more snip snip.........
|> Val Breault - N8OEF - vbreault@gmr.com \ /|
|> Instrumentation dept. GM R&D Center \ / |
|> My opinions are not necessarily those of \ /__|
|> GMR nor of the General Motors Corporation \/ |___

Other than the letters X and P, all other numbers and letters can be done with only one or two "strokes" to the paddles using Iambic Mode B with dit and dah memories.

FYI dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

1820. General Internet Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 14:17:00 UTC
From: dwain.hensley@mgmtsys.com
Message-ID: <90.11001.1478@mgmtsys.com>
Source record: 252317

General Internet Survey

This is a real simple survey I'm conducting for a science project
and I would really appreciate it if you respond. These questions are
real general and do not require much thinking. Thank you for your time.

1. Country _____USA_____
2. City __Coldiron, Kentucky_____
3. Occupation _____High School Student_____
4. Age _____16_____
5. IBM or Mac user _____IBM_____

Billy Cordray
ultra@crl.com
Long live Indica!

~ OLX 2.1 TD ~ Internet: dwain.hensley@mgmtsys.com + rec.video.sat.tvro

1821. Mid Winter Madness

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 14:19:32 UTC
From: jerryd@skypoint.com
Message-ID: <3hd89k$bji@stratus.skypoint.net>
Source record: 252318

For those who are interested, M.W.M is this weekend! Commerical booths are sold out! Flea Market is almost sold out!

14th Annual MIDWINTER MADNESS at National Sports Center, Blaine, MN. Exit #32 off 35W. Exposition 7:30 AM to 2:30 PM Saturday February 11, 1995. Admission $7.00 @ door. Super buys on computers, software, hardware, components, peripherals, amateur radio equipment. Over 30 commercial vendors; over 250 hobby market tables selling used equipment. Info: RARC, PO Box 22613, Robbinsdale, MN 55422, or tel. (612) 537-1722.

Amateur Radio Exams, Friday February 10, 1995 at 6:00 PM. Registration for exams, Dave Harrell (612) 459-8678

If you have any questions call the Hotline at (612) 537-1722 or leave me E-mail.

--
****
= jerryd@skypoint.com * n0fwg@tdkt.mn.org = Lost in the world of *
* Jerry Dorf, N0FWG = 45.11.24 N * Telecommunications? *
= Buffalo MN * 93.51.54 W = Internet, Usenet! *
****

1822. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 14:34:51 UTC
From: ehare@arrl.org
Message-ID: <1995Feb9.143451.4219@arrl.org>
Source record: 252319

Gary P. Fiber (gfiber@halcyon.com) wrote:

: It appears not to have come out the way I ment it to. I always
: place a 60 amp fuse right at the attach point to the battery of the
: radio positive lead.

From personal experience, it is possible to develop a short circuit from the positive lead to chassis ground *before* the radio fuse. I can imagine that some shorts might not draw as much as 60 amps. In that case, the wire might have to carry more current than it is capable of handling. This would create a potential fire hazard. Perhaps a fuse rated 10 amps higher than the radio fuse would be a safer alternative.

Although it is almost certain that a 60-amp fuse in the negative lead would blow if the battery-to-engine-block wire opened, I would use a fuse rated 10 amps higher there, too. The 5 amps margin would ensure that the *radio* fuse, not the wiring fuses, would open if excessive current were being drawn by the radio.

73 from ARRL HQ, Ed

I also
: leave the regular radio fuses intact. So the positive lead itself is fused with a
: 60 amp fuse in the event it gets grounded to the vehicle body. Most
: automobile batteries can supply up to 400 amps of current at any time.
: This can weld two pieces of metal together or start a nice fire in the auto.
: The radio is still fused by the correct size of fuse the manufacturer requires.

: Gary
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

1823. Re: Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 14:45:28 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb9.144528.23228@ke4zv.atl.ga.us>
Source record: 252228

In article <3hat5t$rpa@on-ramp.ior.com> bobr@on-ramp.ior.com (Robert J. Raymond) writes:
>Can anyone give me some details on what a gin pole is and how it is used?
>I understand this can be used to help me put up my tower? Thanks.

A gin pole is a portable lifting fixture used to lift heavy objects.
The traditional gin pole is a guyed pole with a block and tackle
attached to the top. For tower use, the guys are dispensed with and
the pole is clamped to a standing tower section. The upper part of
the pole extends above the standing tower and the block and tackle
are used to hoist the next tower section up into place. The pole is
then moved up the tower and used to erect the next section, and so
on, until the tower is completed.

This operation can be dangerous, since heavy objects, and stressed
lines, are above, or next to, people on the tower and on the ground.
Experienced help is important to avoid accidents.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1824. Surplus parts

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 15:21:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5842.545@acenet.com>
Source record: 252326

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Say, do you know of a surplus radio/electronics parts & equipment
dealer in your local area?

How about sending me the name address and phone numbers for these
outfits?

Thanks - Brian, AF4K
brian.carling@acenet.com

 SLMR 2.1a Stamp out vanity call program!

1825. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 15:22:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5843.545@acenet.com>
Source record: 252327

Newsgroups: rec.radio.amateur.misc

GC>>The electron tube proves the "electron theory"; magentic laws and the
GC>>right-hand rule proves the "conventional" theory; now what?

GC>The right hand rule is a *consequence* of "conventional current"
GC>theory. It does not prove it.

Gary, I believe in the "smoke theory."
Electronics doesn't work on "electron flow" nor does it work
on "conventional current" but rather it works on smoke.
I have proved this, because every time the smoke escapes out of the
components, the equipment quits working!

\\\\\ XXXXX /////
(o o)(o o)(o o)

brian.carling@acenet.com GAITHERSBURG, MD
Amateur Radio AF4K

SLMR 2.1a Walk in the light!

1826. ARLB013 Changes to 902-MHz band

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 15:31:01 UTC
From: w1aw@arrl.org
Message-ID: <$arlb013.1995@ampr.org>
Source record: 252324
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB013
ARLB013 Changes to 902-MHz band

ZCZC AG79
QST de W1AW
ARRL Bulletin 13 ARLB013
From ARRL Headquarters
Newington CT February 9, 1995
To all radio amateurs

SB QST ARL ARLB013
ARLB013 Changes to 902-MHz band

The FCC has adopted rules for the future licensing and continued development of a number of services, including Amateur Radio, in the 902 to 928 MHz band. The new rules set standards for what had previously been called automatic vehicle monitoring (AVM) systems but which the Commission now refers to as the Location and Monitoring Service (LMS).

Amateurs will continue to have access to 902 to 928 MHz, on a secondary basis, to the new LMS systems; to industrial, scientific, and medical (ISM) systems; and to government users. Unlicensed low power ''Part 15'' users are on a secondary basis to all the above, including amateurs.

The FCC said it would adopt a plan to afford both amateurs and Part 15 users ''a greater degree of protection to their operations'' (from interference from other services). It also said it would clarify what constitutes harmful interference to LMS licensees by Part 15 devices and by amateurs. ''Operational restrictions should be imposed to maintain the coexistence of the many varied users of the band,'' the Commission said.

The FCC also said it would use a ''negative definition'' to clearly establish the parameters under which amateurs and Part 15 users may operate without risk of being considered sources of interference to services with a higher allocation status.

In a petition in January 1994 the ARRL requested primary allocations for amateurs at 902 to 904 and 912 to 918 MHz. The FCC accepted this petition as comments in its AVM proceeding but denied it, saying that insufficient ''quantitative support'' for the petition had been shown. More information was in March 1994 QST, page 94. (FCC report and order in PR Docket 93-61).

NNNN
/EX

1827. beginner info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 15:31:22 UTC
From: rsw6@pge.com
Message-ID: <rsw6.17.00078614@pge.com>
Source record: 252325

I'm interested in getting into amateur radio and am looking for suggestions on learning code. My son who is blind will be learning with me so I believe audio tapes are probably the best way to go for us (also allows me to utilize my forty mnute commute time).

Any suggestions from those of you who've done it will be very much apprectiated.

Any suggestions from blind / VI hams on adaptive equipment or other relevant topics would also be very welcome.

Thanks,
Reed

rsw6@pge.com (reed wedler)
My views and opinions are independant of my employer's.

1828. SuperMorse Text file

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 16:06:13 UTC
From: pas@rakothcmc.ca
Message-ID: <1995Feb9.160613.27509@venus.cmc.ca>
Source record: 252229

I'm currently practicing for a code exam and am looking for
some practice text. I'm aware I can use any text file
but what I'd really like is something with pro-signs and
punctuation limited to the character set of SuperMorse.
I've used the QSO feature of SuperMorse but am starting to
memorize the text of the QSOs. I find that once I get
bored with code practice, progress is slow.

The fallback is to simply take any text file and make the
necessary changes. Before I do resort to this, does
anyone have what I'm looking for?

73,
Peter VE3ZXT
stokes@cmc.ca

O Peter A. Stokes _____ Voice & Voice mail: (613) 545-2923
<^- Engineering Applications Support _____ FAX: (613) 548-8104
\/\ Canadian Microelectronics Corporation _____ Net: stokes@cmc.ca
\ Kingston, Ontario, CANADA _____ Radio: VE3ZXT @ VE3CDY
Don't believe any advice you read

1829. Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 16:47:46 UTC
From: ormos@MCS.COM
Message-ID: <3hdgvi$d7t@Mercury.mcs.com>
Source record: 252230
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,sci.space.shuttle

Are there any amateur radio repeaters or commercial services
which retransmit Space Shuttle audio in or near Chicago,
Illinois?

Rich Weinkauf's ``Space Shuttle Radio Frequency List'' [*1]
reports shuttle audio retransmissions from 2-meter ham repeaters
in Chicago and Downers Grove on 145.210 MHz and 145.350 MHz,
respectively. However, I haven't heard any shuttle audio on
either frequency.

Thanks.

==== References ====

[*1] Weinkauf, Rich, ``Space Shuttle Radio Frequency List''
(URL: http://sd-www.jsc.nasa.gov/shuttle/comm/freq.txt),
as cited in Ken Jenks' excellent ``Space Shuttle Communications
Systems Overview'' [*2];
also available at oak.oakland.edu:
(URL: ftp://oak.oakland.edu/pub/hamradio/docs/misc/shuttle).

[*2] Jenks, Ken, ``Space Shuttle Communications Systems Overview''
(URL: http://sd-www.jsc.nasa.gov/shuttle/comm/overview.html), see
``ORBITER AUDIO LOOPS''
(URL: http://sd-www.jsc.nasa.gov/shuttle/comm/ov-sect04.html).

==== End of References ====

--neil ormos wd8bdp ormos@mcs.com

1830. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 16:52:46 UTC
From: landers@dbsun.vitek.com
Message-ID: <3hdh8u$l5u@dbsun.vitek.com>
Source record: 252231

In article <3hb5d4$ard@newsstand.cit.cornell.edu> F. Kevin Feeney <fkf1@cornell.edu> writes:
>In article <phb.792180426@melpar> Paul H. Bock,
>phb@syseng1.melpar.esys.com writes:
>> More than likely, you're just overloading the front end of
>>the TV set.
>
>Or maybe the amp up at the antenna. If he has an outside antenna I won't
>be surprised if there is an amp up there too. If you have an antenna
>mounted amplifier, my experience - at least with the RS ones - is that
>they don't take kindly to strong RF sources. The sherrif's repeater about
>a half mile away used to do a job on mine. My local gear really wiped it
>out. Fortunately I either operate OR watch TV. Not both.

Yes, I have a Radio Shack adjustable 0-20db TV amp up in my attic where the TV antenna is. 1/2 watt with a rubber duck in the house will obliterate any channel that is being watched. HF also affects this thing. Almost makes me want to get cable so the kids & XYL don't complain.....

BTW, 440 does not seem to bother the amp, even though they say it covers 50-500 mhz.

73, Rod WI0T

1831. GB2RS News 12th February 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 17:25:05 UTC
From: dave@llondel.demon.co.uk
Message-ID: <792375905snx@llondel.demon.co.uk>
Source record: 252236
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 12th of February and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Next weekend sees the major event in the VHF calendar - the RSGB VHF Convention. The convention takes place on Sunday, the 19th, at its usual venue, Sandown Exhibition Centre, near Esher in Surrey. Featured are trade stands, a full lecture programme on VHF, UHF and Microwave subjects, specialist groups, Morse tests, trophy presentations and an RSGB book and information stand. Doors open at 10.30 am. Refreshments will be available and there is ample car parking. Talk-in will be by GB2VHF on channels S22 and SU22. Full details of the lecture programme and a map can be found in the February edition of Radio Communication, or can be obtained by calling RSGB Headquarters on 01707 659015.

Also next weekend, the 18th and 19th, is Thinking Day on the Air when Guides throughout the world are able to communicate using amateur radio. Well over two hundred UK stations will be operational using the GB prefix, as well as many using the special club prefixes.

Next Saturday, the 18th, RSGB Headquarters at Potters Bar will be open to visitors. This is not a formal open day so there will be no guided tours, but the shack, museum, library and bookshop will be available between 10 am and 4 pm.

The RSGB, which carries out Morse testing on behalf of the Radiocommunications Agency, has vacancies for Morse Examiners in the following counties: Bedfordshire, Cumbria, Greater London (South), Greater Manchester, Gwynedd, Lincolnshire and Surrey. RA requirements are that prospective examiners demonstrate their ability to receive at 20 WPM and send a typical test passage on a manual key. In addition, the Society is looking for people with the personality to deal with candidates in a professional manner, and the ability to work as part of a county team. Applicants should contact the Chief Morse Examiner, Roy Clayton, G4SSH, at 9 Green Island, Irton, Scarborough, North Yorkshire YO12 4RN, telephone number 01723 862924. Interviews will be arranged at radio rallies throughout the UK, starting with the RSGB London Amateur Radio and Computer Show.

Packet repeater GB7YM-7, also known as RHB85, has closed down permanently. It operated on the 430MHz band from Whitby, and has closed as part of the re-organisation of the network in the region.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Guam, AA5K will sign stroke KH2 from next Tuesday the 14th for two days, operating on all bands and all modes running barefoot to dipoles. He will then move to the Northern Marianas, and sign stroke AH0 until the 20th.

From the Congo, a group of Germans are currently very active on most bands as TN4U and TN2M and are reported to be operational until the end of February.

And from Montserrat (VP2M), WA2UJH will be active from next Thursday, the 16th, until the 26th. He will operate mainly on CW on 40, 80 and 160 metres, plus the WARC bands.

Next the Rally News, and we know of two rallies for today Sunday, the 12th:

The Cambridge and District Amateur Radio Club Rally takes place at the Addenbrookes Ambulance Station, Cambridge. Doors open at 10 am. The event features trade stands, a car boot sale and a bring and buy stall. Refreshments are available.

And the Northern Cross Rally will be at Rodillian School on the A61 between Leeds and Wakefield, near the junction of the M1 and the M62. The event includes dealers, a bring and buy stall and refreshments. Doors open at 11 am, or 10.30 for disabled visitors and for the bring and buy. RSGB Morse Tests are available on demand and talk-in is on the 2m and 70cm bands.

Later this month the Tyneside Amateur Radio Society Rally takes place in South Shields on Saturday, the 25th. In last week's bulletin we inadvertently said this was a Sunday. The rally is definitely on Saturday, the 25th. Further information can be obtained from Jack, G0DZG, on 0191 265 1718.

And a date for your diary:

The RSGB National Mobile Rally is being held as usual at Woburn Abbey in Bedfordshire. The date is Sunday the 6th of August and details can be obtained from Norman Miller, G3MVV, on 01277 225563.

Now for the HF contest news:

Next weekend, the 18th and 19th, the ARRL DX CW Contest takes place on all HF bands, excluding the WARC bands. The times are 0001 on the Saturday to 2359 on the Sunday. Contact only USA and Canadian stations and send RST followed by your power.

Next some VHF contest news:

Today, Sunday the 12th, sees another event in the 70MHz Cumulative Contest which takes place between 1000 and 1200 UTC. The rules can be found in the January RadCom.

The RSGB VHF Contests Committee has received several requests for the inclusion of a 6 metre section in VHF National field Day. The committee

is willing to consider this if there is sufficient support from the membership, but only as an alternative to 4 metres, not as an addition. Changes could be made in time for the 1995 event if RSGB members express their views in writing before the end of February. Write to the Chairman, David Johnson, G4DHF, whose address is correct in the RSGB Call Book. Members opinions will also be sought at the RSGB VHF Convention.

A special event station active this week is GB500AU, celebrating the 500th anniversary of the founding of Aberdeen University in 1495. It is operational until Thursday, the 16th on 80, 40, 20 and 15 metres SSB, SSTV and CW, and on two metres FM and SSB.

And now the solar factual data:

The period from the 30th of January to the 5th of February saw solar activity at moderate levels with numerous flares reported every day. Geomagnetic activity was mostly unsettled to active for most of the period. The sunspot indices increased every day, from 43 on the 30th to 85 on the 5th, with the mean for the period at 64. Solar flux levels hovered around 87 units from the 30th to the 2nd, but then declined to 81 units by the 5th. Solar flares were reported every day along with radio noise storms. On the 1st of February the sun had two sunspot groups that were flare productive. The first of these, region number 7834, produced a C7.7/1N. The second, region number 7832, produced two M1 class flares. All three flares occurred within one hour of each other. The 3rd of February saw the largest flare of the period which was a M4.3/2B. The electron fluence increased everyday and finished the period at a very high level. The x-ray flux level increased every day until the 1st and peaked at B4.4 units. It then declined to A7.8 units by the 4th. The average for the period was B1.1 units. The 90 day solar flux average on the 5th of February was 82 units.

Geomagnetic levels were mostly active. Levels on the 30th were up to Ap 30 units. Only the 1st and the 5th were quiet days with an Ap index of 9 and 6 units respectively. The average for the period was Ap 18 units. The state as been 'mag alert' for most of the period. The aa indices, as reported by the British Geological survey for the period from the 24th to the 30th of January, was mostly very quiet with levels down to 7.3 nanoTeslas on the 27th and the 28th. The 29th also started quiet but levels increased late in the day to storm conditions, with 136 nanoTeslas, K6, being reported. The levels remained high on the 30th with the daily figure at 56.8 nanoTeslas.

I'll repeat the figures: Spots - 64, Flux - 85, Ap index - 18, x-ray flux - B1.1.

Unfortunately we have not received any ionospheric data at all from Meudon this week. The RSGB Propagation Studies Committee is investigating the problem and hope to have the service back to normal as soon as possible.

And lastly the solar forecast.

At first the quieter side of the sun is expected to be looking our way, but from the middle of the week solar activity may increase. Solar flux levels are expected to increase to the high 80s by next weekend, with possible solar flare activity. Geomagnetic levels are expected to be active over the next few days due to a recurring coronal hole. Levels are then expected to decline after the middle of the week. Ionospheric MUFs for the south are expected to reach 20MHz, and for the north 17MHz. Levels may be lower than this in the first half of the week due to the expected high geomagnetic activity. Darkness hour lows are expected to be about 8MHz with the possibility of spread F on some early mornings.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Sierra and G7 Uniform Kilo series, and Novice calls in the 2 0 Alpha Juliet and 2 1 Delta Sierra series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

1832. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 17:31:06 UTC
From: gordon@westford.ccur.com
Message-ID: <D3qtzw.C7H@westford.ccur.com>
Source record: 252232

There are simple definitions that should help this confusion. In physics,
the current flow from a single particle is defined as the charge times the
velocity of the particle.

j = q * v

Since the electron has negative charge, the current vector points in the
opposite direction as the velocity vector when electrons are being discussed.
In an ionized plasma, there is also a positive ion current. The current
flows the same direction even if the carriers flow in opposite directions.

I think it was Ben Franklin, (but I don't have a reference handy), who
defined positive and negative from his experiments with static electricity.
Blame him for choosing positive for the more massive particle, but then
again, at that time none of this was clear.

Gordon Weast
WA9WTK
gordon@westford.ccur.com

In article <1995Feb7.135642.12639@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <3h44ce$e3g@acme.freenet.columbus.oh.us> hmarcelo@freenet.columbus.oh.us
(Heidi Marcelo) writes:
>>
...
>
>Back in the days before the electron was discovered, people decided,
>arbitrarily, that current flowed from positive to negative. They didn't
>know what was actually going on, but could write equations about the
>results of current flow and needed a way of indicating current flow
>direction. Well, they picked wrong, and it's stuck in physics and
>engineering texts to this day.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

--

1833. Re: Recommendations for Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 17:35:00 UTC
From: acdave@lmsmgr.lerc.nasa.gov
Message-ID: <9FEB199512351155@lmsmgr.lerc.nasa.gov>
Source record: 252233

In article <3h2qmt$2a2@cello.gina.calstate.edu>, dhinch@cello.gina.calstate.edu (David L. Hinch) writes...
>I am looking for recommendations for a new 2m/70cm dual band mobile rig.
>In addition to the normal features that one finds these days, I am
>looking for a good packet capability. Since this does represent a major
>investment, I would like to have the capability to grow to 9600 baud
>packet. Any recommendations or comments?
>
>Thanks in advance.
>
>Dave
>KE6MYC
>
>Email: dhinch@cello.gina.calstate.edu
>
I have a Standard 5718 and it is just great! Excellent intermod
protection and wired for 9600 baud packet out of the box.

73
David Autry WD8IOU

1834. Re: JA reciprocity

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 17:47:09 UTC
From: slay@netcom.com
Message-ID: <slayD3quqL.469@netcom.com>
Source record: 252234

Richard F. DiDonna (rdidonna@liberty.uc.wlu.edu) wrote:

: Stupid question. I don't have a copy of the rulebook handy.

: Does the United States have a reciprical (sic) operating agreement
: with Japan??

Yes ..... but it is not exactly "reciprocal". The JAs and anybody else with whom the US Dept of State has negotiated an agreement can come here to the USA ... send in a simple one page application hand receive permission to operate for one year ... at no charge. The form they use is the FCC Form 610A ... called an "Application of Alien Amateur Radio Licensee for Permit to Operate in the United States".

Foreigners of any nationality who hold a valid license issued by the USA, France, Germany, Australia, South Korea, or Canada (but need NOT be a citizen of those countries) can apply for a Japanese ham license of roughly equivalent privileges .... also valid for one year. The "catch" is the initial application fee can be up to $135 or so. For the casual visitor to Japan .... this is NOT such a good deal. The yearly renewal fee is around $30-35 or so .....unless you happen to have a permanent resident visa in which case you only have to renew your station license every five years.

73 de Sandy
WA6BXH/7J1ABV
slay@netcom.com

1835. Install 50 Watt rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 17:52:42 UTC
From: GWITHERS@hr.house.gov
Message-ID: <GWITHERS.1.2F3A5669@hr.house.gov>
Source record: 252235

I understand that a 50 watt rig at full power will fry most
newer car cpu's. Can someone advise me on installing a Kenwood 241
in a 91 Toyota Previa?

Please respond by E-mail to gwithers@hr.house.gov

Thanks, N3LRO

1836. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 19:11:38 UTC
From: linley@netcom.com
Message-ID: <linleyD3qynE.GtE@netcom.com>
Source record: 252237

In ye olden post c21rag@kocrsv01.delcoelect.com (Roger Grady) spake...
>
>VLF 3-30 Khz
>LF 30-300 Khz
>MF 300-3000 Khz
>HF 3-30 Mhz
>VHF 30-300 Mhz
>UHF 300-3000 Mhz
>and I think 3-30 Ghz is SHF.
>
>Anything over that is GDHF. :)

Actually, there are other names for it like: heat, red, orange, yellow,
green, blue, purple (I never say 'violet', that's a flower), UV, X-ray,
and gamma. Anyone have the frequency limits of these terms? :)

By the way, is IR transmission possible over the few km range for things
like repeater links? If astronomers can pick up faint IR sources billions
of light-years away, I woulkd think that atmospheric absorbption is not
a problem. Then again, I may just be out to lunch.

--
Reality (more or less).....Bruce James Robert Linley |------------------|
Internet...linley@netcom.com (linley1@aol.com if you must) | I run Solaris on |
Postal.....3675 S. Rainbow Blvd. #107, Las Vegas, NV 89103 | my Atari 2600!!! |
Amateur Radio.....KE6EQZ (-.- . -.... . --.- --..) |------------------|

1837. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 19:20:03 UTC
From: jfw@proteon.com
Message-ID: <D3qz1G.I65@proteon.com>
Source record: 252238

phb@syseng1.melpar.esys.com (Paul H. Bock) writes:
>md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>>Glocester man charged with threatening to poison reservoir

>4. Assuming that this individual was a licensed amateur, and did
>in fact "broadcast" on an amateur frequency to admit his guilt,
>how do we know what class of license he held?

If he were an Extra, he'd have been smart enough to simply say his
address was "GUD IN CALLBOOK, OM" instead of actually giving it on the air.
;-)

73, John, WB7EEL (Amateur Excessive class licensee)

1838. Re: Vanity Callsign Humor

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 19:35:50 UTC
From: walt@waltd.demon.co.uk
Message-ID: <792358550snz@waltd.demon.co.uk>
Source record: 252250

In article <3hbucv$gsc@eram.esi.com.au>
dave@eram.esi.com.au "Dave Horsfall" writes:

> No need to feel embarrassed - it's a common occurrence in VK at least
> (the re-issued callsigns, I mean - not the, umm, "expediency").

The same here in the UK. In fact that's the ONLY way to get a 2-letter call in this country .... inherit one from a deceased relative! I think it's very unfair, IMHO. An incentive scheme, like the original USA arrangement before they started tinkering with it, would be much better.

But at present we only have 4 grades of license in the UK: Novice/no-code, Novice/with-code, Class B (VHF only/no-code), and Class A (Full privileges/with-code). The only difference in qualifications between Class A and Class B is the 12 wpm Morse Test .... not much scope for incentives, guys!

By the way, you CAN buy "vanity number plates" in the UK, but you CAN'T buy a "vanity call-sign"! Also by the way ... we are shortly going to start having "M" callsign prefixes in the UK, as we have almost come to the end of the "G" three-letter series. (Did any of you catch M0RSE, which was specially issued to celebrate the Samuel Morse centenary?)

73,
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1839. Re: QST on the Newsstands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 19:40:04 UTC
From: fsrla@aurora.alaska.edu
Message-ID: <1995Feb9.104004.1@aurora.alaska.edu>
Source record: 252239

In article <3ha974$r6u@clarknet.clark.net>, andy@clark.net (A.M. Cohn) writes:
> A long time ago, the ARRL announced that QST would be available on the
> newsstands. Since then, I have never once seen the magazine on the dozens
> of stands I periodically visit. Has anyone ever seen the magazine? Once,
> I bought a copy of what I thought was CQ magazine, but when I got home
> and put my reading glasses on, it turned out to be "GQ" instead, which I
> thought was odd since the photos showed quite the opposite of what fellow
> hams dress like at a typical hamfest. ;-)
>
> andy-k4adl
>
I've only noticed it recently, but lately our local Fred Meyers and
Walden Books (or was it Baker and Baker....sigh) have started to carry
QST. Don't know if that helps any since I think Fred's is just an
Eastern state thing I think.... But thought I'd drop a note and let
say that it is indeed on newstands. :)

Roger Asbury : "So, Can you destroy the Earth?" |
fsrla@aurora.alaska.edu : "Egad, I hope not. That's where I keep all |
WL7NT : my stuff!" ~~The Tick~~ |

1840. Re: how to change my address in the callbook

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 19:45:25 UTC
From: walt@waltd.demon.co.uk
Message-ID: <792359125snz@waltd.demon.co.uk>
Source record: 252251

In article <holica.5.2F390D6B@biotop.umcs.lublin.pl>
holica@biotop.umcs.lublin.pl "Marek Nowosad" writes:

> I need e-mail for callbook editor. My address in callbook is a little wrong.

Hello Marek! I do not think the Callbook has an e-mail address.
You can write a letter to:
Radio Amateur Callbook
P.O. Box 2013
Lakewood
NJ 08701
USA

Or you can telephone +1-908-905-2961

Or you can send a FAX to +1-908-363-0338

Good luck es 73,
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1841. Re: Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 19:48:54 UTC
From: walt@waltd.demon.co.uk
Message-ID: <792359334snz@waltd.demon.co.uk>
Source record: 252252

In article <3hc406$ctn@on-ramp.ior.com>
bobr@on-ramp.ior.com "Robert J. Raymond" writes:

> What is a gin pole used for and how does one use it?

It is a pole used to temporarily support an antenna mast whilst it
is being hauled up into the vertical position. Basically, it is
intended to prevent the mast from bending/buckling whilst it is
half-way between the horizontal and vertical positions.

I can't explain it any better than that without a diagram, but hope
this helps!

73,
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

1842. Re: 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:06:30 UTC
From: STEPHEN@g4shf.demon.co.uk
Message-ID: <792360390snz@g4shf.demon.co.uk>
Source record: 252246

> robert.brandon@camel.com (ROBERT BRANDON) wrote:
> >I'll be travelling in France in September and would like to take my HT.
> >Two questions: Has anyone gone through French permit process lately?
> >Is it a hassle, expensive, etc.? Also, I've read somewhere that
> >European repeaters use a 1750 Hz tone burst. Is this common in France?
> >If so, it would probably be a hassle to use my Kenwood TH-22AT. Thanks,
>
I took my Kenwood TH78E to France on holiday last year. The main reason
for taking it was to run packet (with a PK232 and Psion Series 3a). The
packet worked fine. I did also use it for phone whenever the opportunity
permitted.

I had QSO's none. Neither S20 (calling channel) nor repeaters
brought anything. I could (and did) call CQ until blue in the
face but no QSO's resulted. I had the distinct impression
that as I had no French language they either could not;
or did not want to; talk to me.

If you have no conversational French; and getting a license
is a hassle I'm not sure I would bother.

As to licensing, why not get the FCC to find some means of
joining CEPT ? With CEPT I can operate in France and Spain
(and most of the rest of Europe)
simply by adding the relevant prefix to my UK call.
No paperwork needed beyond my UK license.
--
Stephen G4SHF

1843. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:10:00 UTC
From: Ian@sharpip.demon.co.uk
Message-ID: <02091995201027um@sharpip.demon.co.uk>
Source record: 252247

On 27 Jan 95 19:31:43 -0500, in <f91_9502010200@trisoft.com>
Wwhitby@f1.n328.z1.fidonet.org (Wwhitby) wrote.....

>From: wwhitby@aol.com (Wwhitby)
>Date: 27 Jan 1995 19:31:43 -0500
>Message-Id: <3gc39f$3vs@newsbf02.news.aol.com>
>
>I put my call sign in the section of my resume titled "hobbies and
>activities". If you are applying for a technical job, it wouldn't hurt.
>

ditto.
I also use :-
...-- --...

to signify end-of-document, but nobody's commented on its significance yet!

#include <std-disclaimer.h>

73,
--
Ian Sharp: Bath, England (QRA: IO81tj)
InterNet : Ian@sharpip.demon.co.uk
AX25-Net : G7MZY @ GB7IMB.#41.GBR.EU
Ampr-Net : g7mzy@g7mzy.ampr.org
PGP 2.6 : public key available on request.

1844. Freestanding Tower Information Requested

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:10:45 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf3a2fa7.019@lan.mcl.bdm.com>
Source record: 252240

I am planning on installing a Rohn 40' free standing tower this spring. I am a novice at tower installation and would like to hear from everyone who has installed freestanding towers in the past. What hints do you have and what should I avoid doing? Any information you can share with me would be gratefully appreciated.

tnx in advance,

Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
73s de KE4ITL

1845. Re: how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:27:33 UTC
From: alanb@sr.hp.com
Message-ID: <3hdtrl$h5s@canyon.sr.hp.com>
Source record: 252241

Val Breault (vbreault@rinhp750.gmr.com) wrote:

: There doesn't seem to be a 'standard' for paddle wiring. Some folks
: have dits on the thumb, some want dahs there.

The standard is to wire the paddle to send dits with the thumb and dahs with the finger. So for a right-handed person dits are the left paddle and dahs are the right. For a lefty, it is reversed.

Occasionally you will find a left-hander who does it the other way around so he can use a right-handed friend's keyer without rewiring the paddle, but it's rare.

AL N1AL

1846. Vanity callsign humor

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:38:42 UTC
From: bob.elliott@shivasys.com
Message-ID: <9502092038.0T03I01@shivasys.com>
Source record: 252274

NE>From: Tommy the Tourist (Anon User) <nobody@csua.berkeley.edu>
NE>Newsgroups: rec.radio.amateur.misc
NE>Subject: Vanity Callsign Humor
NE>Date: 7 Feb 1995 20:59:40 GMT
NE>Organization: none

NE>> > ''starting gates.'' Gate One will allow a previous holder of a call
NE>> > sign to apply for that call sign or, where the holder is deceased, a
NE>> > close relative could apply, even if he or she is not otherwise
NE>> > eligible to hold the call sign.
NE>> I wonder what the definition of "close relative" is? My mother's
NE>> brother (ie my uncle) was a ham in the 30's in Washington state.
NE>> He let his license lapse, but his call was never reissued.
NE>> I have a different last name. Can I claim his call if I have his
NE>> son's permission? (assuming I want to...I can't decide if I want
NE>> to be a W7 in 4-land....)
NE>[stuff deleted]
NE>> Is it just me, or do some of you others think this whole vanity
NE>> call-sign procedure will be chaotic?
NE>> I pred t many will ignore the gates. I also predict there are
NE>> quite a few people out there who will try to claim the 1x2 call
NE>> of their mother's 3rd cousin in Omaha. Who is the gate-keeper
NE>> who decides whether a request is legitimate?
NE>>

NE>Well, I don't want to sound morbid, but how long will it take before
NE>hams start killing off their least favorite ham relatives just to
NE>get a coveted callsign?

NE>[Name and address withheld due to weirdness of the preceeding]
NE>PS - I did not add the following text - it's from the anon service.

NE>Shipley found us 45 pounds of dynamite. If they chop down another tree
NE>then we'll blow it up.

NE>--------
NE>For more information about this anonymous posting service,please send mail
NE>to remailer@csua.berkeley.edu with Subject: remailer-info.
NE>This message contains automatically generated keyword blocks
NE>that have been designed to resemble a threat. These blocks
NE>are not a statement of intent by the remailer operator or anyone else.
NE>--------
NE>To respond to the sender of this message, send mail to
NE>remailer@soda.berkeley.edu, starting your message with
NE>the following 5 lines:
NE>::

NE>Response-Key: the-clipper-key

NE>====Encrypted-Sender-Begin====
NE>====Encrypted-Sender-End====
NE>

Why Bother?

--Bob bob.elliott@shivasys.com

* SLMR 2.1a * "No free man shall ever be debarred the use of arms." T.J

1847. Audio problem with hr2510

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:38:42 UTC
From: bob.elliott@shivasys.com
Message-ID: <9502092038.0T03N01@shivasys.com>
Source record: 252275

NE>Newsgroups: rec.radio.amateur.misc
NE>From: lakki@krksun.krk.fi (Erik Finskas)
NE>Subject: Audio problem with HR2510/Lincoln
NE>Organization: Radio Club of Kauniainen (OH2NRG)
NE>Date: Tue, 7 Feb 1995 21:42:06 GMT

NE>Can someone help me with my HR-2510 ...

NE>It makes a terrible POP sound when squelch closes and when you press the PTT
NE>And when you talk on AM or SSB your speech can be heard from the loudspeaker

NE>Have anyone faced the same problems? I am using this radio with a transverte
NE>it works fine! Only these small details bother me.

NE>Mail to lakki@krk.fi

NE>/Erik
NE>--
NE> E r i k F i n s k a s O H 2 L A K
NE>=---=
NE> InterNet: Lakki@krk.fi -=- Sammalkalliontie 4 E 40
NE> AX.25: OH2LAK@OH2RBJ.FIN.EU -=- FIN - 02210 Espoo 21
NE> AmprNet: OH2LAK@OH2LAK.AMPR.ORG -=- GSM: +358-(9)40-500 6800
NE>=---=
NE> H A M R A D I O - T H E R E A L T H I N G
NE>

My initial gut reaction is that you bought the radio used...and someone
modified it to be a glorified C.B., complete with "talkback". This is
usually a self-destructive modification that stresses out the audio
amplifier until it burns out. I could be wrong, I've been wrong
before...
--Bob bob.elliott@shivasys.com

* SLMR 2.1a * Beauty is in the eye of the beer holder

1848. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:40:10 UTC
From: Cassandra <cryle@iac.net>
Message-ID: <3hdujb$qc1@mississippi.iac.net>
Source record: 252242

cjs9@cornell.edu (Carl Steckler) wrote:
>
>
> >Welp, here's another fine example of what lowering standards in the
> >hobby has given us. This guy deserves to go to jail. We can't have
> >idiots like this out on the bands. Maybe he could volunteer to be a
> >poster boy for genetic engineering.
>
> Yoe egotistical elitist anal-retentave moron. (read asshole) How dare you
> disparage those of us who for reasons being none of your business select to
> become no-code tech Hams? I will match my radio and electronic skills
> against yours any day. I choose to be a no-code tech because a hearing
> problem prevents me being able to sort out code. Does that mean in your
> world I shouldn't have a license? Being an idiot like the person you posted
> about has nothing to do with the class of his license if he even had one.
> What is your excuse?
> Carl KB2SGX (ex-jarhead) Semper Fi
> "To those who fought for it, freedom has a flavor
> the protected will never know"
> unknown Marine; Khe Sahn, Viet Nam

Long ago I took my tech test and the code required. I accidentally allowed my license to lapse. In two days I will take the no code tech test and reinstate my license. I can not recall ever having a CW conversation before and don't forsee it in the future. If not relearning my code is a problem for some people then it is their personal problem. My choice to not use CW is my own. I respect people who enjoy CW for it is almost an art form.

What I don't understand is why anyone would relate a no code tech license with a lesser quality person. Given a novice or an extra class which is more likly to be a murderer? To put things in respect, a license class denotes skill level tested at successfully. It does not make a statement about one's personality, education, morals, or capability. I may make extra some day if I choose to pursue it. If someone looks down at me because of my "no code" status then that is their choice. I'm sure that for the most part amateurs of all classes truly are not that shallow and those who are, will be few. This is represented by the fact that one opinion had so many rebuttals and no support posted. I look forward to being on the bands soon and "talking" to some old friends and a few new ones.

Cassandra Ryle
formerly WD8DPO

1849. ARLD007 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 20:56:10 UTC
From: w1aw@arrl.org
Message-ID: <$arld007.1995@ampr.org>
Source record: 252243
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD007
ARLD007 DX news

ZCZC AE82
QST de W1AW
DX Bulletin 7 ARLD007
From ARRL Headquarters
Newington CT February 9, 1995
To all radio amateurs

SB DX ARL ARLD007
ARLD007 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, John, W7KCN, Frank, AH0W/OH2LVG, Akio, JA3JM, George, N6ZS, Stu, K8SJ, and the Contest Corral column from the pages of QST magazine. Thanks to all.

CONGO. A German team is active as TN4U on CW and TN2M on SSB, and should remain so until the end of the month. QSL via DL7VRO.

THE GAMBIA. Paul, VE3JLP, will be in this country from February 10 to 17 to visit his daughter. He has applied for a temporary license and will try to operate the HF station at the agricultural college. QSL via VE3JLP.

SUDAN. John, W7KCN, is now in receipt of ST2/G4OJW logs and should be receiving QSL cards within a few days. QSL with SASE via his CBA.

MARIANAS ISLANDS. Frank, AH0W/OH2LVG, will be on the air from Saipan in the Northern Marianas in early March. This will include action in the ARRL DX SSB weekend as AH0W. QSL via KE7LZ. This trip will include a few days in East Malaysia, where he hopes to operate as well.

NORTH PACIFIC DX VACATION. Akio, JA3JM, aka AA5K, hopes to be on the air from Guam February 14, 15 and 16 as AA5K/AH2. From there it's on to Saipan in the Northern Mariana Islands as AA5K/AH0 from February 16 to 20. Akio plans to operate 160 through 10 meters with CW, RTTY and SSB, as well as OSCARs 10 and 13, and RS 12. QSL via JA3JM.

DOMINICA. Lou, WA6SBS, and George, N6ZS, will operate from February 16 to 24, including the ARRL CW DX Contest. Outside contest hours they will be on CW, SSB and RTTY. The call J75A has been requested.

QSL via N6ZS.

SAINT VINCENT. Stu, K8SJ, will be running an all CW operation from February 10 to 23, with full-time participation in the ARRL CW DX Contest. QSL via K8SJ.

MONTSERRAT. Members of the Woodbridge Wireless group of Virginia will operate the ARRL SSB DX contest March 4 and 5 as VP2MFM. Before and after the contest they will be on CW, RTTY and some 6 meter work. QSL via WD4KXB.

BAHAMAS. Larry, K3TLX, will operate from February 12 to 21, including the ARRL CW DX Contest. The week before the contest he will operate all HF bands. QSL via K3TLX.

WAZ ZONE 6. OH2NSM and OH3JF will be active from Cancun, Yucatan, to provide WAZ hunters with Zone 6 credit. Their stay is expected to be from February 10 to 20. Check 7 kHz up from the band edge for CW on 160, 80, 40 and 30 meters. OH2NSM and OH3JF are not experienced DXpedition ops, so PLEASE be patient.

THIS WEEKEND ON THE RADIO. The Florida QSO Party, North American Sprint on CW, PACC Contest and YL-OM Contest phone are part of your on the air operating menu for the weekend. Details on the YL-OM Contest appear on page 128 in January QST. Info on all other events is on page 105 of February QST.
NNNN
/EX

1850. MFJ1278 es Multicom

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 21:02:27 UTC
From: russelltj@aol.com
Message-ID: <3hdvt3$5rj@newsbf02.news.aol.com>
Source record: 252244

I have a MFJ 1278 and Multicom software which I purchased. I've uploaded my Multicom twice and now , because there's a "protect" put on it by MFJ that prevents more than two installations, I can't use it anymore. Mfj says send it to them and they'll make me a poersonalized copy!
I think this stinks, Anyway, my question has anyone got around this?

Maybe the solution is using a different software. MFJ truly stands for Mighty Fine Junk.

Thanks es 73's Russ (NZ2D)

1851. Re: HOAX against AmSoft

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 21:18:53 UTC
From: jholly@cup.hp.com
Message-ID: <D3r4JH.3LL@cup.hp.com>
Source record: 252245
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: In article <3h3h4n$sev@grape.epix.net>, Pete deVolpi <amsoft@epix.net> wrote:

: >Take a look at the LAST LOGIN DATE!
: >(Last login Fri Jan 20 20:39 on ttyrc from sa-pm1.texas.net)
: >So how is it that bob@texas.net has managed to post so many messages in
: >the rec.radio.amateur.* usenets as bob@texas.net since Jan 20 and
: >texas.net's finger has no record of it?

: Boy Pete, you really are a newbie without a clue as to how the net
: works or how networks in general function, aren't you? Your whole
: posting had me laughing. I hope your programming skills are better than
: your understanding of networks, for your company's sake.

At least his skill in dealing with people are better than yours. Talk about
a pompus jerk.

1852. EVENT: Mt. St. Helens 15 years: finger ki7zd@halcyon.com

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 21:25:33 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <3he18d$a8d@news1.halcyon.com>
Source record: 252249

```
finger ki7zd@halcyon.com

for more information about this event. we are seeking a few operators and
stations. ATV anyone? Thanks, and we dont have much time!

--
/-/-/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"
```

1853. Re: how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 22:02:17 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3he3d9$ndk@bubba.ucc.okstate.edu>
Source record: 252248

In article <D3qKB9.6yH@odin.corp.sgi.com>,
chuck adams <adams@chuck.dallas.sgi.com> wrote:
>In article <VBREAULT.95Feb7143603@rinhp750.gmr.com>, vbreault@rinhp750.gmr.com (Val Breault) writes:
>|> In article <3h66qb$h3j@godot.cc.duq.edu> SYJERRY@duq3.cc.duq.edu (Sy Jerry) writes:
>|> I have just started using an iambic key and only use one paddle at
>|> a time (no squeezing) to generate my dih and dahs.
>...snip snip
>|> Any character that has one or more elements (dit or dah) surrounded by
>|> the other element will qualify. Examples are
>|> C dah-dit-dah-dit dah pressed first and released first
>|> F dit-dit-dah-dit hold dit, tap dah after second dit starts
>|> K dah-dit-dah hold dah, tap dit after dah starts
>|> ... and so on...
After you are compfortal with the keyer start adding one charecter at a time.
CQ is my first choice. Go slow an try not to pick up bad habits. My main
problem is running letters to geather. This makes it tough on the guy on the
other end. The main way I combat it is to set the QSK delay where it drops
out after the correct letter space.

It's odd but it seems that someone that is really good with bug is easier
to copy than a electronic keyer.

Gordon AB5DG

Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

1854. IPS Daily Report - 09 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-09 23:56:01 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb9.235601.29458@ips.oz.au>
Source record: 252253
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 09 FEBRUARY AND FORECAST FOR 10 FEBRUARY - 12 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 08 Feb
Daily Proton Fluence >1 MeV: 3.7E+05
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 1.0E+07 (normal)
X-ray background: B1.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
10 Feb 11 Feb 12 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Feb: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 08 Feb
Learmonth 7 2331 1112
Fredericksburg 4 19
Planetary 7 29

Observed Kp for 08 Feb: 4555 5322
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
10 Feb 8 Quiet to unsettled
11 Feb 8 Quiet to unsettled
12 Feb 15 Possible active periods late in the day, otherwise
quiet to unsettled.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
09 Feb fair fair fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
10 Feb fair-normal fair-normal fair-normal
11 Feb normal normal normal
12 Feb normal normal fair-normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
09 Feb -9 Near predicted monthly values with 20-50% depressions
from 10-12UT. Sporadic E was observed from 01-05, 07
and 17-21UT.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
10 Feb 20 Near predicted monthly values
11 Feb 20 Near predicted monthly values
12 Feb 20 Near predicted monthly values
COMMENT: Townsville frequencies were near predicted monthly values
with 20-50% enhancements 10 and 15-20UT. Sporadic E obscured the F
layer 01-03, 05, 11 and 21 UT. Hobart frequencies were near predicted
with 30% depression 11-18UT. Spread F and sporadic E were observed
10-15UT. Sporadic E may be present again today.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1855. test

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 00:40:16 UTC
From: hmn@i-2000.com
Message-ID: <3heclg$h83@i-2000.com>
Source record: 252254

H. Mark Nadel
Internet Address: hmn@i-2000.com
Amateur Radio Station - NK2T
USAF Mars - AFA1FX

1856. test 1

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 00:40:32 UTC
From: hmn@i-2000.com
Message-ID: <3hecm0$h83@i-2000.com>
Source record: 252255

H. Mark Nadel
Internet Address: hmn@i-2000.com
Amateur Radio Station - NK2T
USAF Mars - AFA1FX

1857. Re: The legacy of the no-code tech license

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 00:43:27 UTC
From: jherman@hawaii.edu
Message-ID: <D3rE0F.7E4@news.hawaii.edu>
Source record: 252256

In article <D3p19u.MBC@nntpa.cb.att.com> jas@smoke.hr.att.com (John Siegel) writes:
>In article <D3np03.FC6@news.hawaii.edu>, <jeff@NH6IL> wrote:

>>Hi Warren,
>>I invite you to tune in to the CW portion of any HF band. Everyone is
>>a gentleman (or lady); there's an ocassional kook that'll pop up but
>>instances like that are rare.

>So its OPERATING CW not passing a CW test that ensures
>gentlemanly behavior.

That's correct, John. The contention is that almost anyone can learn
code so the code test is not a filter. But a random listen to the
CW subbands will show an overwhelming number of polite ops.

>Personally I have never been able to correlate on the air
>behavior with the class of license.

How true. Listening to the CW ops I can't tell the
extras from the generals; and in the novice CW subbands
one can't tell the novice from the extra (ignoring the sending).

Jeff NH6IL

1858. <<< R.A.D.I.O. Tower Court Case - HELP >>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 00:56:03 UTC
From: hmn@i-2000.com
Message-ID: <3hedj3$h83@i-2000.com>
Source record: 252257

For those of you who have not had the opprotunity to follow the articles in QST, World Radio, Newline and
hundreds of Amateur Radio club newsletters around the country, the following information is something
you will not want to pass by.

About two years ago, Mark Nadel, NK2T ran into difficulty with the Town of Hempstead, NY and his right to
maintain his 55 foot radio tower. The tower which was installed with a permit back in 1984 came under
attack by a neighbor who complained of RFI. Well after 2 hearings with the Zoning Board and a case
brought before the NY State Supreme Court we are now faced with a major finacial burden. At this
moment, the Town of Hempstead should come up with a decsion within the next 30 to 60 days. Inside
sources feel that area varience will be approved.

As we stated the legal costs are incredible; as of 2/6/95 the legal fees are in excess of $24,500. About
$15,000 has been raised by many generous amateur radio operators arround the country. However we
STILL NEED more. In an effort to stimulate donations, we have organized a drawing for your choice of
Kenwoods TS-50S or the TM-942A. For every donattion of $20.00 you will get a ticket which enetrs you in
this drawing. ONLY 250 tickets will be sold, so the odds are pretty good. (Better than your state lottery)

If you would like to help out, and we sure hope you will please send all donations to:

R.A.D.I.O. inc.
Box 343
Williston Park, New York 11596

ATT: Drawing Tickets

If you would like to keep up to date with this case please call the R.A.D.I.O. information line at 516-735-2500
24 hrs/day.

Again PLEASE be generous, Without your help we can not win.

73's
R.A.D.I.O.
(The Radio Amateurs Defense & Information Organization, Inc.)

1859. Re: Prospective HAM needs advice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 01:04:39 UTC
From: kim@nntp.cadence.com
Message-ID: <D3rEzs.4Hq@Cadence.COM>
Source record: 252258

Async User (aecaslin@news.epix.net) wrote:
: I think that you HAM's have an interesting hobby going here. I'm
: a middle age guy who could use a little divergence and wonder if amateur
: radio could fit the bill. I'd like to learn more about how one gets
: started. Is there anything on Internet which gives a good overview of
: what licenses are needed and what type of equipment I should be looking
: for? I will appreciate your comments, advice and/or direction. Thanks.

There is LOTS of information on the Internet. If you have Mosaic or
Netscape, a good URL to start with is:

http://www.acs.ncsu.edu/HamRadio

One of the best ftp sites is:

ftp.cs.buffalo.edu

Also, don't ignore the hardcopy possibilities; most electronics stores
carry a large assortment of books for Hams, from the getting started
variety to fairly advanced topics.

The ARRL publications are of high quality, and their publication,
"Now You're Talking!" is reputed to be very good for starting out.
I think you can even find that at Radio Shack.

You can get a small HF station going for less than $500, and if you are
particularly good at scrounging, perhaps for less than $200.

But if you want to start with a modern transceiver, you will need to
pay considerably more.

If you're only interested in VHF (using handi-talkies to key up the
local repeaters in your area), you can get a reasonable single-band
HT for about $200 new.

--

"Never let work interfere with your reasons for working."

Kim Helliwell

1860. Re: alt.radio.amateur.tenten

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 01:26:25 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D3rG01.8Co@news.hawaii.edu>
Source record: 252713
Cross-posted to: alt.config,rec.radio.amateur.misc

In article <3hbg9l$du1@mozo.cc.purdue.edu> wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
>
>I am proposing the creation of alt.radio.amateur.tenten.

Hi Duane,
May I suggest that you rename the group to a.r.a.tenmeters so you don't discourage avid 10M ops who aren't 10-10 members from participating? I believe the primary purpose of 10-10 is to focus on 10M operating and keeping the band active on these sunspotless years, not just the furthering of the 10-10 club. a.r.a.tenmeters can then become a 10M clearinghouse for the latest band openings, contests, antenna designs, lastest 10M-only equipment on the market, who worked whom, beacon lists, repeater frequencies, etc. I think you'll be restricting the information flow if you just limit yourself to 10-10 club articles. But if that's your purpose then an email reflector would probably be a better idea - reflectors are much more focused and intimate than newsgroups.

73 from expensive Hawaii,
Jeff NH6IL

1861. Test Locations MN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 01:33:09 UTC
From: bbarnard@aol.com
Message-ID: <3hefol$9em@newsbf02.news.aol.com>
Source record: 252259

I need to know where I can take my test. I have tried both of the local radio clubs with no success. I have been waiting 3 years for them to hold a testing date to no avail.

I live 60 miles from Minneapolis, Minnesota and was wondering if anyone could tell me where I could test or give me a name and number to call.

Also, I have heard talk of a new question pool. Is the book I bought: Now You're Talking! a current text.

Any help would be greatly appreciated.

1862. Amphenol BNC connectors

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 01:58:52 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3heh8s$7f6@mozo.cc.purdue.edu>
Source record: 252260
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I bought some Amphenol BNC connectors for both RG-58 and RG-8X cable.
When I went to assemble them, I found that the hole in the back of the
center pin where the center conductor is to go is far too small.
Since this was true for two different types of connectors, I figure
that it wasn't a manufacturing error.

Are you supposed to

(1) trim the number of strands for the center conductor down until
they fit in the hole? This seems to be a not-too-bright method.

or (2) use a drill to carefully ream out the hole to the desired size?
This seems fraught with difficulty because of the small sizes
involved.

or (3) something else altogether.

I'd like to use BNC connectors since I do work 440 often, but have
been using PL-259s because they're so much easier to deal with.

- Mark
--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

1863. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 02:00:36 UTC
From: ricktjader@ids.net
Message-ID: <3hehc4$6i1@paperboy.ids.net>
Source record: 252261

> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
> Welp, here's another fine example of what lowering standards in the
> hobby has given us. This guy deserves to go to jail. We can't have
> idiots like this out on the bands. Maybe he could volunteer to be a
> poster boy for genetic engineering.
>
> Police said a Glocester man broadcast threats over a state-used radio
> frequency to bomb and poison the Providence-owned Scituate Reservoir
> system -- then was arrested at his home yesterday after he used his
> HAM radio to identify himself and declare that the threats had been a
> "mistake".

It turns out that he was NOT using a HAM radio after all. He was using a stolen D.E.M. radio (according to
friends of mine at D.E.M. in Rhode Island). Why is this person choosing to turn this news story into
a diatribe against No-Code Techs?

Rick KD1WE (a former No-Code Tech)

1864. VEC/VE EXAMS & CLASS'S FOR SoCal

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 02:08:13 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD3rHxq.4un@netcom.com>
Source record: 252262

TO THE AMATEUR RADIO SERVICE OF SOUTHERN CALIFORNIA......

THE LATEST EXAM AND CLASS LISTING FOR "1995" [rev FEB 03,1995....]

COMPILED & ORIGINATED by me,KB6AXK,continuously since the
start of the VEC/VE PROGRAM in 1987.

SITE/WHERE? TIME PHONE/S SPONSOR/CLUB/VEC CLASS/AVAIL?
---
29 PALMS AM 619-367-1583 GLAARG/VEC ASK ???
ADELANTO AM 619-244-1396 GLAARG/VEC ???
ALTADENA ?? 818-585-7038 W5YI/VEC
ANZA AM 714-763-4541 GLAARG/VEC ???
714-763-2323 W5YI/VEC
AM 909-763-4447 GLAARG/VEC
ANAHEIM 1500 714-776-8486 W5YI/VEC NO
714-778-1542 W5YI/VEC
714-779-0456 W5YI/VEC
0900 310-691-1514 W5YI/VEC NO!
1700 714-891-3868 ARRL/VEC//ARTS ASK ?
APPLE VALLEY AM 619-240-2025 GLAARG/VEC NO!
0830 619-240-4546 VVARC/ARRL/VEC ASK ?
1900 619-244-4601 SBCF/ARRL/VEC ???
AGOURA HILLS 1100 818-349-5583 ARRL/VEC ???
ATASCADERO 0900 805-238-2950 PR/ARC/ARRL/VEC ???
AZUSA 0900 818-812-1337 or 2337 ? ARRL/VEC ???
BAKERSFIELD 1830 805-328-5055 KCCV/ARC/ARRL/VEC ASK ?
BARSTOW 0800 619-252-2136 ARRL/VEC ???
BEVERLY HILLS 1630 714-537-8728 ARRL/VEC ASK ?
1700 310-459-0337 ARRL/VEC ASK
?? 818-500-1440 W5YI/VEC
BIG BEAR 0900 909-585-5069 BBARC ???
BIG BEAR LAKE AM 909-866-8944 GLAARG/VEC ASK
???
BORREGO SPRINGS ??? 619-767-5687 W5YI/VEC
BREA 0900 310-691-1514 W5YI/KD6DA NO!
BURBANK 1000 818-703-4256 ARRL/VEC ???
AM 818-349-0927 KE6AR/TOM/LERC/ARC ???
CAMARILLO 0830 805-484-4461 SMRA/ARRL YES
0830 805-486-7619
0830 805-388-2488 SMRA/ARRL YES
?? 805-486-7629 KC6JLW ???
CANOGA PARK ??? 818-883-5257 W5YI/VEC
CARDIFF BY THE SEA ? 619-436-1013 W5YI/VEC
CARLSBAD ???? 619-747-5872 SANDARC/VEC ASK ?

CARSON 1400 310-549-4924 G/VE NO
213-835-8237
1400 213-830-0242 SURN ???
310-539-5040 CARSON DCS ASK
??? 213-834-1669 W5YI/VEC
??? 310-324-3518 W5YI/VEC
CATHEDRAL CITY 1900 619-321-2775 SE/ARC ASK?
619-322-1214 GLAARG/VEC
CHINO ???? 714-597-2249 W5YI/VEC
CHULA VISTA ???? 619-428-8418 SANDARC/VEC ASK
COLTON 1730 909-685-6073 ARRL/VEC ASK ?
1730 909-825-7136 ARRL/VEC ASK ?
CORONA 1700 909-735-0284 C/N ARC ASK ?
0900 909-279-5447 ARRL/VEC ASK
???? 909-737-9769 CNARC/ARRL ASK ?
COSTA MESA ???? 714-549-5000
714-642-6568 W5YI/VEC
714-979-2633
CULVER CITY 1900 213-450-7890 BHARC/VE/ARRL ???
AM/PM 818-559-2572 N3BKV/ARRL/W5YI ASK ??
1900 213-292-6423 BHARC/ARRL/VEC ???
1400 310-459-0337 K6PYP/ARRL/W5YI ASK ?
310-292-2183 BHARC/ARRL
?? 714-373-6077 KM6MQ/WALT ???
DOWNEY 0830 213-923-5598 DARC/ARRL YES
EL SEGUNDO 1100 310-336-6340 AEA ARC ASK ???
1100 310-336-0274 AEA ARC ASK
EL TORO PM 714-951-0336 SOARA ???
ESCONDIDO ???? 619-747-7850 SANDARC/VEC ASK
FALLBROOK 1830 619-723-0459 KK6EX/K2VIC/W5YI ASK
FREMONT 1430 213-454-7121 ???? ???
FONTANA 1230 909-829-8837 F/RACES/TEAM ASK ?
1300 909-823-0634 ARRL/VEC ???
0800 909-391-4254 ARRL/VEC,IE/ARC ASK ?
1200 909-823-6818 FARA/ARRL/VEC ???
FOUNTAIN
VALLEY AM/PM 714-538-7081 WCARC ???
???? 714-775-6095 ????
???? 714-846-6984 ????
1800 714-778-1542 WCARC/ARRL/VEC ASK?
???? 714-775-1305 W5YI/VEC
???? 714-775-4816 W5YI/VEC
FULLERTON/
ANAHEIM 0900 310-691-1514 FRC/EXAMS/W5YI/VEC
1900 714-879-6895 FRC/CLASS'S YES
GARDEN GROVE 1400 714-891-3868 FOSTER ASK ?
0900 714-534-8633 W5YI/WA6YNT ASK ?
1800 714-971-3448 W5YI/VEC ASK
1300 714-638-4057 W5YI/VEC
???? 714-537-4930 W5YI/VEC

???? 714-537-8728 W5YI/VEC
???? 714-893-0264 W5YI/VEC ASK
GLENDALE ???? 818-248-2967 CVARC YES
818-247-1126 CVARC YES
1830 818-449-3790 PRC/ARRL/VEC ASK ?
???? 818-559-2572 W5YI/VEC
GLENDORA ???? 818-335-1127 W5YI/VEC
818-963-1965 W5YI/VEC
HARBOR CITY ???? 310-325-2965 W5YI/VEC
HAWTHORNE 0900 213-778-4625 LA/ARC/ARRL/VEC ???
HEMET AM 909-925-3502 GLAARG NO
???? 909-927-2840 VALLEYWIDE ? ASK
HESPERIA ?? 619-241-4732 GLAARG/VEC ???
1900 909-883-4082 W.SCHOLFIELD ???
???? 619-947-5381 W5YI/VEC
???? 619-947-3934 W5YI/VEC
HESS PARK RPV AM 213-644-2271 GLAARG ???
HUNTINGTON BEACH ?? 714-846-6984
714-847-6370 W5YI/VEC
714-968-7082 W5YI/VEC
HUNTINGTON PARK ?? 213-585-2782 W5YI/VEC
IMPERIAL ?? 619-344-4158 IVARA ???
IMPERIAL BEACH ?? 619-984-4304 W5YI/VEC
INGLEWOOD 0900 714-621-5001 LAARC ASK ???
213-518-4134
213-293-7715
AM 213-778-4625 LA/ARC ASK ?
IRVINE 0900 213-691-1514 CLARA ???
0830 714-824-8477 UC IRV ARC/ARRL ASK?
???? 714-854-4237 W5YI/VEC
???? 714-953-7968
LAKE ELSINORE 1000 909-678-2147 GT/ARC ASK ?
???? 909-244-3630 GTARC/ARRL/VEC ASK
LAKE ISABELLA 1900 619-379-2947 KRV/ARC/ARRL/VEC ???
LA CRESCENTA ???? 818-248-2967 CVARC/ARRL YES
818-247-1126 CVARC/ARRL YES
310-256-2904
LA/ORG CO AM/PM 714-549-5000 GWRS YES
LA/ORG CO AM/PM 714-979-CODE N6CIO YES
LA PUENTE ???? 818-336-1909 W5YI/VEC
818-336-7227 W5YI/VEC
LA VERNE ???? 714-596-9383 W5YI/VEC
LAGUNA BEACH ???? 714-495-8640 W5YI/VEC
LAGUNA HILLS ???? 714-951-0336 W5YI/VEC
LANCASTER 0900 805-948-1865 ARRL/GLAARG YES
LOMA LINDA AM 909-796-0065 GLAARG ???
909-825-8341 GLAARG ASK
909-925-8341
909-825-5341 GLAARG/VEC
LONG BEACH 1000 714-538-8711 ARRL/VEC ???

1000 714-897-6331 CAVE/W5YI ???
1000 714-847-6370 W6LRF
1000 310-592-1713 CAVE/W5YI ASK?
0900 310-431-8998 ARALB/ARRL/KN6EC ASK ???
0900 310-420-9480 GLAARG/NN6Q ???
0900 310-431-3488 ARRL/KN6DB ASK?
LOS ANGELES AM 213-748-0713 SSARO ???
NOON 818-761-6751 BI/ARC ???
1400 213-830-0242 LA/ARC ???
1300 213-834-3674 LA/ARC ???
310-988-0907 LA/ARC ASK ?
310-988-0415 LA/ARC ???
1330 310-435-5345 LA/ARC ASK ?
1000 213-758-6343 VAN NESS PARK/ARRL ASK
1130 818-904-1452 LACARV/ARRL ASK ?
1400 310-459-0337 VA/ARC ???
1500 818-386-1159 ARRL/VEC ASK ?
???? 213-662-2820 W5YI/VEC
???? 213-225-7015 W5YI/VEC
???? 213-254-2076 W5YI/VEC
???? 213-641-7851 W5YI/VEC
LOS OSOS 0900 805-528-0647 ESTERO ARC/ARRL VEC ASK ?
0900 805-528-0694 ESTERO ARC/ARRL/VEC ASK ?
MALIBU(HANDICAP ONLY) 818-780-5443 GLAARG/VEC
MANHATTAN BEACH 0900 310-328-0817 SOBAY ARC ???
213-318-6990 W5YI/VEC
MARINA DEL REY 1900 714-537-8728 ARRL/VEC ???
MISSION VIEJO PM 714-951-0336 SOARA+W5YI NO
MONROVIA ???? 818-301-9565 W5YI/VEC
MONTCLAIR 1830 909-983-1272 W5YI/VEC YES
909-597-2249 STEVE CULIHE YES
909-626-8579
MONTROSE ???? 818-248-2967 CVARC YES
818-247-1126 CVARC YES
MOORPARK ???? 805-529-2645 W5YI/VEC
MORENO VALLEY 1000 909-849-7822 MVARA ???
909-924-6918 GLAARG/VEC
NEWHALL ???? 805-259-8410 W5YI/VEC
NEWPORT BEACH AM/PM 714-960-6973 SOCATT ???
N.HOLLYWOOD 1900 818-548-8633 PNP GP ASK ?
NORTHRIDGE AM/PM 818-780-5443 SFVARC/GLAARG/VEC YES
NORWALK AM 310-921-0134 ARRL/VEC ASK?
ONTARIO 1030 909-810-0442 ARRL/VEC YES
0800 909-391-4254 IE/ARC/ARRL ASK ?
???? 714-923-9578 W5YI/VEC
OXNARD ???? 805-983-1121 W5YI/VEC
ORANGE ???? 714-538-0203 W5YI/VEC
714-838-3180 OARC
PALM SPRINGS 0900 619-564-2655 CVARC ???
??? 619-322-1214 GLAARG ???

1900 619-321-2775 ARRL/VEC/KC6JPH ASK ?
PALMDALE 1900 805-264-1279 AV/ARA ASK
NOON 805-285-4827* L.WINTERS ASK
PANORAMA CITY ???? 213-891-7122 W5YI/VEC
PASADENA 1830 818-449-3790 PRC/EXAMS YES
818-502-7555 NOV/TECH CLS YES
818-354-9223 GEN CLASS YES
1615 818-354-4564 JPL/ARC ???
1615 818-447-8475 JPL/ARC ???
0900 818-244-2763 ER/ARC/ARRL/VEC ASK ?
PASO ROBLES PM 805-239-3180 ARRL/VEC ASK?
0900 805-238-2950 PR/ARC/ARRL ???
???? 805-466-6915
POMONA 1300 909-620-2089 T/C ARC/ARRL/VEC ASK
POWAY ??? 619-679-0794 W5YI/VEC
RAMONA ??? 619-789-1070 W5YI/VEC
RANCHO PV AM 310-644-2271 GLAARG ???
REDONDO BEACH 1830 310-328-0817 2128H BAY ARC ???
RIALTO 1300 909-883-4082 RACES/ARRL/VEC ???
???? 714-823-7158 W5YI/VEC ASK
1300 909-867-9599* RACES/ARRL/VEC ???
1300 909-867-9270 RACES/ARRL/VEC ASK ?
RIDGECREST 0900 619-375-7245 SARC/ARRL ???
RIVERSIDE AM 909-780-2680 GLAARG ???
909-688-2985
SAN BERNARDINO PM 909-864-4498 SBCB/ARC ???
AM 909-864-2656 CBARC/ARRL/VEC ???
??? 714-864-2656 CBARC/ARRL/VEC
?? 909-780-2680
SAN DIEGO AM/PM 619-465-EXAM SANDARC/VEC YES
1900 619-222-4043 SD/YACHT CLB AR GROUP
0800 619-470-1238 OECA/ARRL/VEC ???
???? 619-563-8414 W5YI/VEC
???? 619-575-5222 W5YI/VEC
???? 619-295-5822 SANDARC/VEC ASK
SAN JACINTO AM/PM 909-654-2140 KM6AY YES
SAN LUIS OBISPO 0900 805-528-0703 EARC ???
805-528-2934
805-528-0647 EARC ASK?
SAN PEDRO 1330 310-325-2965 URAC/W5YI YES
SANTA BARBARA/ 0830 805-682-2665 SBARC ???
GOLETA 805-488-4393
AREA 805-966-6620
805-962-3304 SBARC ASK ?
???? 805-583-3805 AA6MX ???
???? 805-969-2326 KF6DI ???
???? 805-682-2665
SANTA ANA 1830 714-835-5381 OC/RED CROSS ???
1830 714-971-3448 OC/RED CROSS ???
?? 714-531-5446 W5YI/VEC

?? 714-667-0657 W5YI/VEC
SANTA CLARITA AM 818-884-8030 GLAARG ASK?
SANTA MARIA 0800 805-922-8509 SMARC/CCVEG ???
AM 805-929-3710 GLAARG ASK?
AM 805-922-0538 CC/ARRL/GP ASK ?
SANTA MONICA AM 310-398-8538 GLAARG/VEC ???
?? 310-398-6538
SANTEE ???? 619-446-8219 SANDARC/VEC ASK
SAUGUS 1400 818-348-4457 ARRL/VEC ASK?
SHERMAN OAKS ?? 818-905-3229 W5YI/VEC
SIGNAL HILL 0830 310-420-9480 GLAARG/VEC YES
SIMI VALLEY 1900 805-526-7343 SSARC/ARRL ???
PM 805-526-5277 CVARC/AB6KS YES
?? 805-526-4956 W5YI/VEC
1930 805-522-4156 SSARC/ARRL ASK
STUDIO CITY ?? 213-650-7233 W5YI/VEC
SUN VALLEY ?? 818-771-0756 W5YI/VEC
TARZANA ?? 818-344-8334 W5YI/VEC
TEHACHAPI AM 805-822-6128 SSARS ???
TEMPLETON 1930 805-466-6915 PRARC ???
THOUSAND OAKS 0900 805-484-3309 CVARC/ARRL ASK???
0830 805-375-1385 CVARC/ARRL ASK ?
???? 805-499-6134 WP6C ???
TORRANCE 1400 213-835-8237 AB6AA ???
0900 310-328-0817 WB6MYD/SB ARC/ARRL ASK?
1800 310-372-0175 ARRL/VEC/SARC ASK?
VAN NUYS AM 818-702-0246 SFVARC ???
PM 818-780-5443 GLAARG/VEC
?? 818-989-7462 W5YI/VEC
VANDENBERG AFB AM 805-929-3710 GLAARG ???
VENTURA 0900 805-942-0077 GSRH ???
?? 805-658-6345 W5YI/VEC
VICTORVILLE AM 714-279-5447 WILLIAMS ASK ?
VISALIA AM 209-734-9516 GLAARG ???
WEST COVINA PM 818-969-4029 SCATS ???
WESTMINSTER 1300 714-638-4057 W5YI/MARA ASK?
?? 714-283-2571
?? 714-892-0651 W5YI/VEC
WHITTIER PM 310-947-1356 RHARC/ARRL YES
WOODLAND HILLS PM 818-348-4457 ARRL/VEC ASK?
YUCAIPA ?? 714-795-4959 W5YI/VEC
YUCCA MESA ?? 619-367-1583 GLAARG/VEC ASK?

!?!?!?

CLUBS PLEASE PASS ALONG THIS LISTING TO ALL YOUR MEMBERS AND FUTURE
HAM'S,TO SPREAD THE WORD OF ""WHERE TO GO FOR A CLASS OR EXAM ??? ""

****
MY PACKET MAILBOX is on
MY FAX.
MY PHONE 1-818-584-9071...voice messages and info.
MY INTERNET E-mail is; kb6axk@netcom.com

HAM*INFO*LINK*SOURCE BBS 1-818-584-1952 ,8N1,OPEN,24hrs,365days,ANYSPEED !

MY ADDRESS IS: 64 N. BERKELEY AVE.PASADENA.CA.91107-3548.
73' & 88' joe cira/kb6axk.......
****
/EX
EOT

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

1865. Japan Packet clusters on the NET???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 03:05:22 UTC
From: compwiz@panix.com
Message-ID: <3hel5i$ief@panix.com>
Source record: 252263

I am trying to locate an Internet gateway to the Japanese packet cluster
or PBBS networks...

Any info will be greatly appreciated.

You can either post on the group or reply to Ed Kritsky at
ekritsky@mcimail.com or send packet message to NT2X@KC2FD.#NLI.NY.USA.NA

TNX and 73's

--

|John Silver |
|compwiz@panix.com|

1866. Re: Tesla Coil Info?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 03:17:27 UTC
From: bat@gdstech.grumman.com
Message-ID: <1995Feb10.031727.15520@gdstech.grumman.com>
Source record: 252264

In article <3gut5l$jqp@s-cwis.unomaha.edu> kbarton@cwis.unomaha.edu (Kevin Barton) writes:
> This may not be the most appropriate group, but I believe it is
>the best informed group for this request. I need technical info on succes-
>sful designs. Specific designs for largish TC's (> than 200kV) would
>be best, but good complete theoretical treatment would be helpful as well.
> I have worked as a technician and research assistant for 14 years
>so you don't need to be gentle. I've built hundreds of circuits, but a
>Tesla coil ain't one of them.
> I find nothing thru our Archie, but previously saw some ftp list
>with Tesla info, though I don't have it.
>
> TNX
>
>
>--
>____
>| Free advice is worth what you pay for it. |
>| (Keeping it short for your viewing enjoyment) Kevin N0MHK |
>|____|

A few years ago, I was building a medium sized Tesla, with a
neon transformer. Before I started, I subscribed to a most excellent
newsletter, the Tesla Coil Builders Association. Couldnt be a better
title. I dont know if its still around, but write to them at:
RR6 Box 181, Amy Lane, Glens Falls, NY 12801.
--
---
* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

1867. Re: how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 03:35:39 UTC
From: Steve.Hideg.1@nd.edu
Message-ID: <Steve.Hideg.1-0902952235390001@hideg.cc.nd.edu>
Source record: 252265

In article <3hdtrl$h5s@canyon.sr.hp.com>, alanb@sr.hp.com (Alan Bloom) wrote:

> The standard is to wire the paddle to send dits with the thumb and dahs
> with the finger. So for a right-handed person dits are the left paddle
> and dahs are the right. For a lefty, it is reversed.

Did anyone ever produce a left-handed semi-automatic mechanical keyer (bug)?

--Steve, N8HSC
hideg.1@nd.edu

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing E-mail: Steve.Hideg.1@nd.edu
G034 Computing Center/Math Building Telephone: (219) 631-EXAM
University of Notre Dame Amateur Radio: N8HSC/9
Notre Dame, IN 46556

1868. school roundup

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 04:14:54 UTC
From: dinosaur@crl.com
Message-ID: <3hep7u$7tn@crl8.crl.com>
Source record: 252266

KG6FR will be operating from Jefferson Elementary School in Berkeley on 10, 15, and 20 (sometimes 40) beginning 2/13 at 0900 PST. We are especially looking for contacts with other schools, but will welcome all contacts. We are a K-3 school. The children are excited about talking with people across the U.S. and Canada. Last year some children had a long conversation with a ham in New Zealand.

Please call us if you hear us and tell us about who you are and where you live.
John KD6URS

1869. Re: electron flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 04:19:53 UTC
From: pmarsh@metro.mccneb.EDU
Message-ID: <9502100419.AA00410@metro.mccneb.edu>
Source record: 252267

There are actually THREE opinions on which way electrons flow:

1. The general thought is that electrons flow from negative to positive and the "current" flow in the opposite direction.

2. Electrons flow from positive to negative (now mostly discredited by lotsa folks).

3. THERE ARE NO ELECTRONS.
-- that's the title of a book by Kenn Amdahl, subtitled "Electronics for Earthlings".
Published by Clearwater Pub Co, P O Box 1153
Arvada CO 80001-1153 ISBN 0-9627815-9-2

Can't be too bad; I read it just before taking and passing my Tech+ exam, although it seemed to have little effect on the code test. Worth a look for those seeking a useful way of relating to electronic magic.

Paul Marsh N0ZAU Omaha

1870. school roundup

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 04:22:04 UTC
From: dinosaur@crl.com
Message-ID: <3heplc$825@crl8.crl.com>
Source record: 252268

[No readable article body recovered]

1871. Qst on the news stand

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 04:54:01 UTC
From: tcnic@tecnet1.jcte.jcs.mil
Message-ID: <199502100453.WAA00174@mail.cs.utexas.edu>
Source record: 252158

Depending on how you look at it, I'm either a cheap skate who won't pay the admission price to join the ARRL, or I'm idignant at that price of admission. Bottom line: I get my QST monthly at the news stand. The cover format has changed a bit to align the publication more with regular stand copy. Looks good, though (my opinion)

--Craig Nicholson - KW9R - Currently in California

1872. kenwood mods requested

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 05:04:22 UTC
From: mdowning@netcom.com
Message-ID: <mdowningD3rq3A.FH@netcom.com>
Source record: 252269

I am looking for available mods for a kenwood TH79A, and also a kenwood TM742A with 220 module added. There are rumors of keystroke mods available. I am mainly concerned with extended receive for both radios, and opening up 440 to allow tx from 420-449.

Thanks
--Mark
KE6NNP
--
****
The opinions expressed in the above message may not necessarily be relevant.

Mark A. Downing - mdowning@netcom.com, mdowning@ix.netcom.com, KE6NNP
****

1873. ADD

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 05:20:00 UTC
From: bob.aubuchon@travel.com
Message-ID: <1d.46696.403@travel.com>
Source record: 252270

[No readable article body recovered]

1874. DROP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 05:21:00 UTC
From: bob.aubuchon@travel.com
Message-ID: <1d.46698.403@travel.com>
Source record: 252271

[No readable article body recovered]

1875. For sale: Icom mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 06:24:52 UTC
From: blackwells@yvax.byu.edu
Message-ID: <1995Feb9.232452@yvax.byu.edu>
Source record: 252272

Great little 2M mobile for packet or mobile applications.
Icom IC 255-A
25 watts

Asking $180 or will consider partial trade for dual band HT.

email blackwells@yvax.byu.edu

1876. Re: MFJ DSP Filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 06:30:22 UTC
From: drted@ix.netcom.com
Message-ID: <3hf15u$od8@ixnews2.ix.netcom.com>
Source record: 252273

In <3hd4vi$1gi3@tequesta.gate.net> rwlade@gate.net (Robert W. Lade) writes:

>
>I have been using my MFJ DSP filter for about 3 months now. I think it's
>great, but I'm disappointed with its performance in the Noise Reduction
>mode. Anyone else notice that? I hear MFJ is coming out with a chip update.
>Anyone have the inside dope on that?
>
>Post *and* e-mail. Thanks.
>
>Bob W9UCR
>

I have had mine for about a month now. I am also happy with it. I have found the noise reduction effective. With poor SSB voice, it tends to smear the voice too much if set above one third. The most pronounced noise reduction is in the last quarter of control travel. On better SSB, I have been able to set the control on full and still understand the speech. The salesman I bought it from was concerned about the number of controls and functions. I enjoy the configurability, and I have found the various modes effective. There are some quirks in the steps necessary to create and store several custom filters at the same sitting. Still, I was able to customize filters for several modes of my decoder card. Even after a few weeks, toying around with the controls has allowed me to get more natural sounding speech out of it. I will be elated if MFJ actually releases upgrades. So many other manufacturers of upgradable firmware never seem to get the upgrades out. It would be even better if they made the upgrade eprom files available by BBS. Free upgrades would be great.
Bye... Ted..

1877. DX Request

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 11:20:44 UTC
From: jgrib@aol.com
Message-ID: <3hfi6c$fnc@newsbf02.news.aol.com>
Source record: 252178

Hi,

There used to be a server called dx-request. Is that still in operation or
has it been moved somewhere else? Would appreciate any info.

73,

Joe KI3B

1878. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 11:25:54 UTC
From: graham@peachy.apana.org.au
Message-ID: <3hfig2$341@peachy.apana.org.au>
Source record: 252276
Cross-posted to: aus.radio,rec.radio.amateur.misc

Dave Horsfall (dave@eram.esi.com.au) wrote:
: VK2 DIV PRESIDENT'S MESSAGE

: This is Michael Corbin VK2PFQ

: My thanks must go to CESAR MIRANDA VK2TCM for the time that he has
: put into this exercise. So that The Minister and all his confreres
: would gain an appropriate impression of the Wireless Institute of
: Australia NSW Division it was necessary that our submission was
: produced in a professional manner.

Just let me say, that preparing a report in a professional manner, and
behaving same seems to beyond the WIA and its spokepersons at the moment.

: Again once more I appeal to people, who have not written to do so.
: If you think that the licence issue has been won, think again. I
: will shortly read a letter, which has been written by Ms. Christine
: Goode, the Manager of the Spectrum Management Authority on behalf of
: the Minister to a fellow Amateur. Listen carefully. She is quite
: clear in her statements that the fee increases are here to stay.
: There does however seem to be an admission, that the politicians have
: the last say....So, once again, if you have not written -- write now!!!

Lost cause.

I urge all amateurs to hit the SMA where it hurts.

If you can afford it take legal action against them.

If you can't afford that, do it my way, simply refuse to renew your license.

Some have said that this is exactly what they want :-) Ok they've got it.
I simply refuse to pay $70 odd bucks for what is a hobby, and not a very
good one anymore anyway.

Exactly what do you get out of the hobby anymore ? Is it really worth it ?
Would you be better off investing in a better computer and surfing the
internet ?

Everything once possible over AR has now been replaced by the Internet.

Is it really worth hanging on ?

Graham.

1879. Re: Weather Fax Sources?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 11:50:01 UTC
From: jcarter@orl.mmc.com
Message-ID: <3hfjt9$rkm@theopolis.orl.mmc.com>
Source record: 252179

In article 4HJ@netcom.com, jcook@netcom.com (James Cook) writes:
/
/Wanted:
/
/List of sources for weather fax in the region of Florida/Cuba/Carribean.

Here it is:
Good Luck
Jim

\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
/|\ | Senior Software Engineer |_____________________|
/\|/\ K D 4 P O N | Martin Marietta | These views are my own |
/\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
/\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
/\/\/|\/\/_____________| Orlando, FL 32819-8907 |__________73's_Jim ____|

HF WEATHER FAX FREQUENCIES FOR THE UNITED STATES

NOTE:
Pick the "HIGHER" Kilohertz frequencies during the day.
Pick the "LOWER" kilohertz frequencies at night.

(SORTED BY LOCATION)

4344.1 KHz Pt. Reyes, CA
8680.1 KHz Pt. Reyes, CA
12728.1 KHz Pt. Reyes, CA
17149.3 KHz Pt. Reyes, CA
22527.0 KHz Pt. Reyes, CA

10863.1 KHz Norfolk, VA
3355.1 KHz Norfolk, VA
8078.1 KHz Norfolk, VA
15957.1 KHz Norfolk, VA
20013.1 KHz Norfolk, VA

6338.6 KHz Boston, MA
12748.1 KHz Boston, MA

6903.1 KHz Air Force (Mid United States)
11118.1 KHz Air Force (Mid United States)

(SORTED BY FREQ)

3355.1 KHz Norfolk, VA
4344.1 KHz Pt. Reyes, CA

6338.6 KHz Boston, MA
6903.1 KHz Air Force (Mid United States)
8078.1 KHz Norfolk, VA
8680.1 KHz Pt. Reyes, CA
10863.1 KHz Norfolk, VA
11118.1 KHz Air Force (Mid United States)
12728.1 KHz Pt. Reyes, CA
12748.1 KHz Boston, MA
15957.1 KHz Norfolk, VA
17149.3 KHz Pt. Reyes, CA
20013.1 KHz Norfolk, VA
22527.0 KHz Pt. Reyes, CA

From: Gordon West NUTS & VOLTS MAGAZINE SEP 94

1880. Re: Freestanding Tower Information Requested

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 11:50:14 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3s8vr.Kyr@zeno.fit.edu>
Source record: 252277

make sure you have enough help available. make sure you have the right tools for the job ready.

around this area, you usually need to get an early start since the weather in the afternoon is unpredictable most of the time...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1881. Re: UK information

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 12:47:41 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D3sBJI.BGM@hpqmoea.sqf.hp.com>
Source record: 252180

Vinod Narayanan (vinod@kariat.watson.ibm.com) wrote:

: A fellow ham is visiting the UK in March, and is looking for
: some information. Any help is much appreciated. He would
: like to receive information on the following:
: 1. Do repeaters usually use a tone burst system? (If so,
: anybody know if add-on units are available?)

All repeaters accept a 1750Hz tone, all repeaters are "Open" to all licenced users as a condition of their licences. Some repeaters are being modified to accept CTCSS sub-audible tone operation as well as toneburst operation. Some repeaters have narrow tone acceptance bands, even so some local characters use a sliding whistle into their mics quite successfully...
No knowledge of add-ons. UK versions normally include toneburst, for the bargain price of 100% mark-up on US list :-)
On 2m, channel spacing is 25kHz, repeater inputs are 600kHz lower than their outputs.

2m band is 144-146 only, take great care not to go outside, it's full of emergency services paging systems etc and is heavily policed (pun)

70cm band has some sections banned in some geographical locations, you need to get a proper bandplan. Repeater shift is +1.2 MHz.

For 2m listen on 145.600 , .625, .650, .675, .700, .725, .750, .775 for repeater activity. If you tail-end others after the "K" you can get by without toneburst.

: 2. Repeater frequencies (2m or 440) in the Machester
: area and London area (He is also visiting a town about 90
: miles due north of Heathrow, I don't remember the name and I
: am a little shaky on the geography, that may fall in the
: Manchester area..apparently, it is the town where the Bronte
: sisters used to live, if that helps ..)

It's called "Haworth" in Yorkshire, several miles north of Halifax/Bradford. More like 200+ miles north of Heathrow. We took some visitors to the G-QRP convention there last October. I was born 25 miles away and remember it as it was, nowadays it's totally dedicated to tourism. Stuffed with antique, curio, souveneir, shoppes all harking back to a golden, wholesome, past without any mention of working hours and conditions, disease, child labour etc.. There are two views of the period and area, one is all "Dark satanic mills.." the other is all "Golden age and folksy" . Balanced views are much rarer. The nearby "Keithley and Worth Valley" full-size steam railway is superb, and fully

authentic as it is original.

: 3. Reciprocal licence info (I believe he is already looking
: into this).

ARRL should have fact pack

: 4. Any special restrictions on bringing equipment in. (He is
: just looking at bringing in a dual-band HT, I think it is an
: FT 530).

Should not be a problem, some proof of ownership, and ability to
show that it is a real radio to keep airport security types happy is
a good idea.
FT530 reputation is not too good, friends who had them found several
areas where overload/intermod of RX made them unusable.

: Please reply directly by email, as this is probably not of
: much interest to the general readership here. Many thanks in
: advance!

Who knows, it might spark some other interest.

Cheers
David GM4ZNX

1882. Re: Looking for ARRL

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:02:53 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.139.006A6D96@mindspring.com>
Source record: 252128

In article <ko4ta.138.0045D15E@mindspring.com> ko4ta@mindspring.com (Don Simpson) writes:
>From: ko4ta@mindspring.com (Don Simpson)
>Subject: Looking for ARRL
>Date: Tue, 7 Feb 1995 09:05:10 -0400

>Can someone give me a site for the ARRL? Email me if you will or leave it
>here. Thank you....

>Don Simpson

Thanks guys. I have been sent the address several times. I wonder does the
arrl plan on putting up a web page????

1883. W5YI Report on best of 3975khz Net Sunday Night.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:15:04 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.140.007595E7@mindspring.com>
Source record: 252129

Hello everyone you are all invited to the "Best of 75 Net on Suday Night". The net will conviene on Sunday evening at 1930 Eastern on 3975khz.

Last week we had a blast! We had a horse race where the gangs from all up and down the band check in. The gang from 3898 won with Bob Cruz stretching out his lead in the final minutes. Bob Nelson from Texas on the phone patch. Several of the letters written to the FCC, Congress, and the Senate were read over the air.

This week we plan to have an even better time. Fred Maia W5YI of the W5YI Report will be with us at 2100 eastern. Fred is going to be answering questions pertaining to the latest on the Glenn Baxter broadcasting vs. the FCC. It seems there are a few unanswered questions that have some interesting answers.

Fred has some information about the vanity call sign issues as well. Fred and his Washington reporter Bennett Kobb have been interviewing within the FCC this week and we will have the info for you Sunday evening on the net.

If you have some questions you would like to ask Fred you can check into the net Sunday Night or you may leave them for me at my email address.

See you on the Radio

DonDon

you can

1884. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:18:38 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb10.131838.28363@ke4zv.atl.ga.us>
Source record: 252166

In article <linleyD3qynE.GtE@netcom.com> linley@netcom.com (Bruce James Robert Linley) writes:
>
>By the way, is IR transmission possible over the few km range for things
>like repeater links? If astronomers can pick up faint IR sources billions
>of light-years away, I woulkd think that atmospheric absorbption is not
>a problem. Then again, I may just be out to lunch.

That's where astronomers go when it's cloudy. :-)

When it's clear, IR will certainly work for line-of-sight paths.
Lasers are best, of course, but even incoherent sources can be
used with the proper collimating telescopes on each end.

Note: what's clear to IR and what's clear to visible light can
be two different things.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1885. Re: Freestanding Tower Information Requested

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:23:53 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb10.132353.28445@ke4zv.atl.ga.us>
Source record: 252167

In article <sf3a2fa7.019@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:
>I am planning on installing a Rohn 40' free standing tower this spring. I
>am a novice at tower installation and would like to hear from everyone
>who has installed freestanding towers in the past. What hints do you
>have and what should I avoid doing? Any information you can share
>with me would be gratefully appreciated.

The most important advice is "don't fall off". :-)

Use temporary guys while erecting the tower. Even if it will eventually
be freestanding, it's not stressed for the loads imposed while being
erected.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1886. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:31:16 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb10.133116.28537@ke4zv.atl.ga.us>
Source record: 252168

In article <02091995201027um@sharpip.demon.co.uk> Ian@sharpip.demon.co.uk (Ian Sharp) writes:
>I also use :-
> ...-- --...
>
>to signify end-of-document, but nobody's commented on its significance yet!

37? I could understand 73, or 30, but not 37.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1887. Re: SuperMorse Text file

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:36:00 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3hftn8$6ci@newshost.lanl.gov>
Source record: 252185

Pete,
If you are copying the QSOs go take the test you are ready.
73 de Jerry KC5EGG

1888. HELP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:42:56 UTC
From: martin.jestl@banyan.siemens.co.AT
Message-ID: <dgI8+FqqCja@PC0064.gud.siemens.co.at>
Source record: 252130

HELP

1889. Re: Grid location?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:44:02 UTC
From: zlau@arrl.org
Message-ID: <1995Feb10.134402.5467@arrl.org>
Source record: 252131

KB8POR David Gillahan (dmgillah@mtu.EDU) wrote:
: Howdy....
: I was wondering how you find out your grid location. Mine right now
: is EN57RC but I only know that because some one told me. How do you find
: out a grid location for anywhere? (or at least the US) are there maps?
: tables? Thanks in advance......

The April 1994 QST has information p. 86-88.
I know some of the Trible GPS receivers will
display grid squares, but they cost something
like $700+. The US 7.5 minute topographical
maps are great if you have the one you need,
but you need something like 32,000 to cover the
USA.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

1890. Re: Amphenol BNC connectors

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 13:56:10 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb10.135610.28762@ke4zv.atl.ga.us>
Source record: 252182
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3heh8s$7f6@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>I bought some Amphenol BNC connectors for both RG-58 and RG-8X cable.
>When I went to assemble them, I found that the hole in the back of the
>center pin where the center conductor is to go is far too small.
>Since this was true for two different types of connectors, I figure
>that it wasn't a manufacturing error.
>
>Are you supposed to
>
>(1) trim the number of strands for the center conductor down until
>they fit in the hole? This seems to be a not-too-bright method.
>
>or (2) use a drill to carefully ream out the hole to the desired size?
>This seems fraught with difficulty because of the small sizes
>involved.
>
>or (3) something else altogether.
>
>I'd like to use BNC connectors since I do work 440 often, but have
>been using PL-259s because they're so much easier to deal with.

"Real" RG-58 has a solid center conductor. The stranded center conductor RG-58 "like" cables require a different connector.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1891. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 14:06:15 UTC
From: ehare@arrl.org
Message-ID: <1995Feb10.140615.5993@arrl.org>
Source record: 252132

In article <"3-Feb-95.16:48:43".*.Paul_M._Butterfield.WBST129@Xerox.com>
Paul_M._Butterfield.wbst129@xerox.COM writes:

>I am a new ham with a small HT as my first radio. In order to get the
>most out of my 5W, I have mounted a Diamond X200A dual-band antenna on
>my roof, necessarily near the TV antenna. Unfortunately whenever I xmit
>with this setup, I make snow out of the TV picture. Makes the XYL unhappy.
>At some point, I'm going to a higher power xmitter, which will make the
>really bad snow even worse!

As pointed out by another rram reader, some TVs can function well near this
relatively strong VHF signal, others can't.

First, make sure that the TV antenna installation is in good order. Broken
feedlines, old corroded antennas, etc., can result in the TV received signal
being weak. If the TV is fed with twinlead (300 ohm), replace it with
75-ohm coaxial cable.

The next thing to try is a notch filter. What works real well is the
notch filters used on cable TV. Cable channel 18 (channel E) includes the
2-meter band, so a CH18 trap can prevent your 2-meter signal from getting
into the TV. The one I have used is made by Star Circuits, POB 94917, Las
Vegas NV, 89193 (800) 433-6319. I believe that they sell single quantity,
but they did not return a recent phone call seeking information, so I don't
know if they are interested in the ham market. Their filter is tunable and
inexpensive, so it is quite attractive.

This filter needs to be installed in the TV feedline, BEFORE the first piece
of electronics. If you are using a mast-mounted TV preamp, first determine
if you really need it in your area. If you do, install the filter on the
input of the preamp.

A number of information files about EMI problems are found in the ARRL
Automated Electronic Mail Server (info@arrl.org) and on the FTP site at
oak.oakland.edu. I also recommend our book, Radio Frequency Interference,
How to Find It and Fix It. Contact ARRL for information about our products
and services.

73 from ARRL HQ, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

1892. Strange call sign

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 15:06:02 UTC
From: awdowiak@bert.eecs.uic.edu
Message-ID: <19950210.184601.521027.NETNEWS@UICVM.UIC.EDU>
Source record: 252133

Hi, a couple of days ago I picked up a short CW teransmission, identified as
sent by "NMN". CW is not my best area but after replaying that short transmission
about 50 times I'm pretty sure the operator was NMN. Could someone please tell me
what kind of call sign that is? -Arek Wdowiak
Commodore, Starfleet Command
CO, U.S.S. Yorktown, N.C.C. 1704-A

1893. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 15:17:30 UTC
From: swick@x.org
Message-ID: <3hg02a$5ar@public.x.org>
Source record: 252184

In article <3hdh8u$l5u@dbsun.vitek.com>, landers@dbsun.vitek.com (Rod Landers) writes:
|>
|> Yes, I have a Radio Shack adjustable 0-20db TV amp up in my attic where
|> the TV antenna is. 1/2 watt with a rubber duck in the house will obliterate
|> any channel that is being watched.

Same problem here. My solution is very simple and cheap; a quarter-wave
trap made from a 19 1/4" piece of twin lead installed at the amp input
in parallel with the antenna feed. Works like a champ. (Leave the conductors
at the free end unconnected; this looks like a short at 145MHz). Only problem
is that the UHF channel on which we receive Star Trek is precisely an odd
harmonic of the frequency of the TCP/IP switch I use 24 hours a day. If we
got a stronger signal from that (distant) station the trap at the harmonic
might still be OK but as is the rest of the family fetches the screwdriver
and I have to remain QRT for about an hour a day...

-Ralph kd1sm
kd1sm@x.org

1894. Young Ham Of The Year - Press Release

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 15:24:52 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <4LuElGG8y5PV078yn@dorsai.org>
Source record: 252134
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

The Amateur Radio Newsline
Editorial Office
28197 Robin Avenue
Saugus Ca. 91350
Tel./Fax.: (805) 296-7180
MCI Electronic Mail: 324-1437
Internet: b.pasternak@genie.geis.com

YOUTH AWARD NEWS UPDATE

February 10, 1995

YAESU USA CORP. AND CQ MAGAZINE JOIN NEWSLINE
IN 1995 YHOTY SPONSORSHIP

Yaesu U.S.A. Corporation has been joined by CQ Magazine as a corporate underwriter of the 1995 Newsline "Young Ham of the Year Award." CQ Publisher Richard Ross, K2MGA, says the award is "very worthwhile for the future of the Amateur Radio service" and has pledged CQ's support and assistance in publicizing the award.

The Young Ham of the Year Award program is intended to highlight the accomplishments of the nation's many young radio hobbyists and to encourage more young people to join the exciting and rewarding hobby of Amateur Radio, perhaps leading to careers in science and technology.

The award was originated in 1985 by Bill Pasternak, WA6ITF, then editor-in-chief of the "Westlink Report" ham radio newsletter. When Westlink Report ceased publication earlier this year, Pasternak decided to continue the Young Ham of the Year Award under the banner of his own "Amateur Radio Newsline." Newsline is the world's largest non-profit and totally independent ham radio broadcast news and data information service. This all-volunteer group has aired over 900 consecutive weekly broadcasts of amateur radio news and information since its inception in 1976.

Yaesu U.S.A. Corp. has long been the sole corporate underwriter of the Young Ham of the Year Award program since its inception. The company is a world leader in the design, manufacture and distribution of high-quality Amateur Radio and commercial two-way radio equipment. It has long recognized the importance of the nation's youth to the continued vitality of the Amateur Radio service.

According to Yaesu U.S.A. National Sales Manager Kevin Karamanos WD6DIH: "Our company's decision to continue its support of this award has been well-received within the Amateur Radio fraternity, which is competing with other technical hobbies and specialties for the interest of young people."

CQ, The Radio Amateur's Journal, is celebrating its 50th anniversary this year as ham radio's leading independent magazine. This magazine is the flagship publication of CQ YHOTY '95 Page 2

Communications, Inc., which publishes a variety of magazines, books and videos for the amateur radio and hobby communications markets. CQ is a longtime supporter of efforts to attract young people to amateur radio.

"Nearly a decade ago, CQ represented the amateur radio industry in the development of the 'Archie's Ham Radio Adventure' comic book, the first promotional tool aimed specifically at young people," according to Publisher Richard Ross, K2MGA. "We are proud to continue that involvement as a corporate sponsor of the Young Ham of the Year Award."

This year's award will be presented at the Huntsville, Alabama, hamfest on the weekend of August 19-20. The youngster selected will receive an expense paid trip to the Huntsville Hamfest and other gratuities courtesy of Yaesu U.S.A. Corporation. Presentation of the award itself will be made at the Huntsville Hamfest Grand Banquet the evening of August 19. As an added bonus, this year's winner will be treated to a VIP tour of Spacecamp Huntsville and the Marshall Spaceflight Center, courtesy of CQ magazine.

Nominations for the Young Ham of the Year Award are open to any FCC-licensed ham radio operator aged 18 and younger, living in the United States, who has used Amateur Radio to significantly contribute to the benefit of the service, to the state of the communications art, to their community or to the nation.

All nominations must be submitted before the extended filing deadline of June 30, 1995 and must be on an official application available for a self addressed stamped envelope. Write to: 1995 Young Ham of the Year Award, c/o Newsline, 28197 Robin Avenue, Saugus California 91350. Official applications are also available electronically with an E-Mail request to: BILLWA6ITF on America Online; B.PASTERNAK on GEnie or billwa6itf@aol.com via the Internet. Applications can also be downloaded from the America Online and GEnie ham radio BBS software libraries.

Past recipients of the Young Ham of the Year award include Shawn Alan Wakefield, WK5P, of Bartlesville, Oklahoma (1986); David Rosenman, KA9PMK, of Muncie, Indiana (1987); Jonathan Binstock, NK3D, of Potomac, Maryland (1988); Erin McGinnis,

KAOWTE, of Topeka, Kansas (1989); Mary Alestra, KB2IGG, of Staten Island, New York (1990); Richard S. "Sammy" Garrett, AAOCR, of St. Louis, Missouri (1991); Angela (Angie) Fischer, KBOHXY, also of St. Louis (1992); Kevin Boudreaux, N5XMH, of New Orleans Louisiana (1993) and Allison Zettwoch, KD4CKP of Louisville Ky. (1994).

For further information please contact Bill Pasternak % Newsline at (805) 296-7180.

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< ^^^

1895. Young Ham Of The Year Award - Nominating Form

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 15:27:24 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <SNuElGG8yvhQ078yn@dorsai.org>
Source record: 252135
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

THE 1995 YOUNG HAM OF THE YEAR AWARD
NOMINATING FORM
INSTRUCTIONS

1) Fill out the attached nominating form completely.

2) You are required to supply full and complete verification of any claims made regarding your nominees qualifications. This can include, but not be limited to letters of confirmation from others involved in the same activity, newspaper or magazine articles detailing the accomplishments of your nominee; recordings of TV or radio news coverage of your nominee's achievements, etc. Use your imagination. The more documentation that you supply, the easier it will be for our judges to reach a decision.

3) This award is not a contest for a prize. Any prizes given are incidental in nature. A person selected as "Young Ham of the Year" is judged on his/her contributions to society through Amateur Radio. For example, a youngster whose only claim to fame is that of "being licensed as an Extra at age four" would not necessarily be judged as having made a significant contribution to the Amateur Radio service. On the other hand, a 14 year old Novice running a net during a major disaster would definitely be given consideration.

4) The Amateur Radio Newsline (Newsline) sponsors the award program and guarantees that the winner will receive a plaque noting this honor. All other gratuities are provided at the will of any corporate underwriter. An underwriter may, at its opion provide the winner with a trip to an Amateur Radio convention or hamfest of our selection. This trip will be limited to transportation for the winner to the venue, hotel accommodations, convention and banquet tickets and a prize. Not covered are any miscellaneous costs such as local transportation, incidental meals, locally made purchases, etc.

5) Neither Newsline or any corporate underwriter provide transportation or lodging for a parent, other relative or guardian traveling with or accompanying the award winner to the convention city. A parent, relative or guardian is free to share accommodations with the winner based on their personal arrangements.

5) In the event that a winner is unable to travel to the convention, the Newsline will attempt to arrange a special award ceremony where the recipient resides; IE: in his/her school, before his/her radio club, etc. In this case the trip to the convention will be forfeited by the recipient, but all other terms of the award will

remain.

6) Decision of the judges is final.

7) Please mail the nominating forum along with all substantiating materials before June 30, 1995 to the 1995 Young Ham of the Year, 28197 Robin avenue, Saugus Ca. 91350

1995 YOUNG HAM OF THE YEAR
NOMINATION FORM

Date:_____
ABOUT YOU

Your Name:_____ Your Call Sign:_____
Your Address:_____
City:_____ State:_____ Zipcode:_____
Your Home Telephone (incl. area code):_____
Your Work Telephone (incl. area code):_____

WHO IS YOUR NOMINEE

His/Her Name:_____ Call Sign:_____
His/Her Address:_____
City:_____ State:_____ Zipcode:_____
His/Her Telephone (incl. area code):_____
Mothers Name:_____ Fathers Name:_____
Sisters/Brothers (list):_____

GIVE THE FOLLOWING INFORMATION ABOUT THE NOMINEE

Age:_____ Male/Female:_____ School Attending:_____
School Address:_____ Teacher:_____

List dates and name of administering VE Team for the following Amateur Examinations taken and passed

Novice:_____ Examiner:_____
Technician:_____ Examiner:_____
Technician Plus:_____ Examiner:_____
General:_____ Examiner:_____
Advanced:_____ Examiner:_____
Extra:_____ Examiner:_____

Tell us why your nominee should receive this award. (PLEASE BE SPECIFIC. Use additional sheets if necessary. YOU ARE REQUIRED TO INCLUDE substantiating documentation to verify any claim made.)

Your Signature_____

Mail To: The Young Ham of the Year Award
28197 Robin Avenue Saugus California 91350

--
< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< Internet: bigsteve@dorsai.org ==== S.COLETTI2@genie.geis.com >
< Fidonet: 1:278/230 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

1896. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 15:38:47 UTC
From: farrisg@mala.bc.ca
Message-ID: <1995Feb10.083847.7297@malins.mala.bc.ca>
Source record: 252136

Conventional current flow is from positive to negitve while electron
flow is from negitive to positive.

1897. Re: TVI from 2m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 16:15:06 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3hg3ea$6km@abyss.West.Sun.COM>
Source record: 252196

In article l5u@dbsun.vitek.com, landers@dbsun.vitek.com (Rod Landers) writes:
>In article <3hb5d4$ard@newsstand.cit.cornell.edu> F. Kevin Feeney <fkf1@cornell.edu>
writes:
>>In article <phb.792180426@melpar> Paul H. Bock,
>>phb@syseng1.melpar.esys.com writes:
>>> More than likely, you're just overloading the front end of
>>>the TV set.
>>
>>Or maybe the amp up at the antenna. If he has an outside antenna I won't
>>be surprised if there is an amp up there too. If you have an antenna
>>mounted amplifier, my experience - at least with the RS ones - is that
>>they don't take kindly to strong RF sources. The sherrif's repeater about
>>a half mile away used to do a job on mine. My local gear really wiped it
>>out. Fortunately I either operate OR watch TV. Not both.
>
>Yes, I have a Radio Shack adjustable 0-20db TV amp up in my attic where
>the TV antenna is. 1/2 watt with a rubber duck in the house will obliterate
>any channel that is being watched. HF also affects this thing. Almost makes
>me want to get cable so the kids & XYL don't complain.....

These mast-mount TV preamps can be a source of RFI, too. If one of them
starts oscillating, it can be really difficult to track down. A local
repeater had exactly this problem for a couple of years; it was eventually
traced to such a pre-amp, the owner didn't remember he had one.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

1898. Re: Looking for ARRL

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 16:43:52 UTC
From: ehare@arrl.org
Message-ID: <1995Feb10.164352.10397@arrl.org>
Source record: 252137

Don Simpson (ko4ta@mindspring.com) wrote:

: Can someone give me a site for the ARRL? Email me if you will or leave it
: here. Thank you....

I have seen a few postings, so perhaps we are overdue.

The ARRL electronic files are all at the ftp site at oak.oakland.edu.

They are also available by email from the ARRL Automated Electronic Mail
Server, info@arrl.org. Send email to info@arrl.org with the following in
the body of the message: (The subject is ignored.)

help
index
quit

Here is a list of ARRL HQ staff addresses:

ARRL EMAIL ADDRESSES
File: users.txt
Updated: December 13, 1994

The following ARRL HQ staffers, Officers, Directors and Vice
Directors can be contacted directly via the Internet at the
addresses shown. A brief description of the specific duties of the
individual is included so you know who to contact.

People not listed do not have public email addresses and cannot
respond by electronic mail. Other questions and messages to other
specific HQ staff, Officers, Directors and Vice Directors should
continue to be addressed to hq@arrl.org. Messages so addressed
will be received in the "front office" here at ARRL HQ. They will
be printed and distributed to the appropriate people by inter-
office or postal mail.

You should include your postal address (the slow kind) with all
correspondence to ARRL in case we need to send you non-electronic
material in answer to your request.

Staff member, call, title address
---------- ---------- ---------- ----------
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Assistant

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Zimmerman, Tammy-Beth, KA1WWP, Membership tzimmerman@arrl.org
Services Administrative Assistant ka1wwp@arrl.org
---------- ---------------

ARRL HQ SPECIAL ACCOUNTS:

In addition to these specific people, we've also set up the
following accounts:

ARRL Automated Electronic Mail Server info@arrl.org
(Information files on Amateur Radio)

Awards (WAS, WAC, etc.) awards@arrl.org
Contests contests@arrl.org
Contest Advisory Committee cac@arrl.org
DXCC Desk dxcc@arrl.org
Education Activities Department ead@arrl.org
Outgoing QSL Bureau buro@arrl.org
Ombudsman ombudsman@arrl.org
QEX Magazine qex@arrl.org
QST-Technical qst@arrl.org
Radio Frequency Interference rfi@arrl.org
Technical Information Service (Technical tis@arrl.org
questions)
Volunteer Examiner Coordinator vec@arrl.org
W1AW 76067.3724@compuserve.com
---------- ----------

ARRL OFFICERS, DIRECTORS AND VICE DIRECTORS:

For any Officers, Directors or Vice Directors not listed, you can send email to hq@arrl.org or 2155052@mcimail.com, with a request that it be printed and mailed to the specific person.

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Vice Director dbodson@arrl.org

Hans Brakob, K0HB, Dakota Division Vice 6364621@mcimail.com
Director

Bill Burden, WB1BRE, New England Divison 4728744@mcimail.com
Director

Frank Butler, W4RH, Southeastern Division 3113659@mcimail.com
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Director

---------- ---------------

OTHER USEFUL ADDRESSES:

Stan Horzepa, WA1LOU, QST (Packet horzepa@evax.gdc.com
Perspective) columnist

*eof

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

1899. Don't Let PRB-1 Die in New York State

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 16:50:33 UTC
From: hmn@i-2000.com
Message-ID: <3hg5gq$7ln@i-2000.com>
Source record: 252192

<<<<< We need your help to maintain our rights as amateur radio operators. >>>>>

HELP SUPPORT

R.A.D.I.O.
(The Radio Amateurs Defense & Information Organization)

CALL 516-735-2500

24 hrs/day

Don't let PRB-1 Die in the State of New York
It could have a devestating effect throughout the U.S.

R.A.D.I.O.
Post Office Box 343
Williston Park, New York 11596

1900. Re: wanted: Tube tester!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 17:12:00 UTC
From: aa100324@dasher.csd.scarolina.edu
Message-ID: <3hg6p0$dtv@bigbird.csd.scarolina.edu>
Source record: 252138

Call (803)254-4575 and ask for Pete. He might be able to help you. This is
his work number. I hope this helps.
--
John Mood - KD4HTX - Ham it up!

1901. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 17:22:14 UTC
From: jcosiman@clark.net
Message-ID: <3hg7c6$4u6@clarknet.clark.net>
Source record: 252139
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,sci.space.shuttle

Neil Ormos (ormos@MCS.COM) wrote:
: Are there any amateur radio repeaters or commercial services
: which retransmit Space Shuttle audio in or near Chicago,
: Illinois?

: Rich Weinkauf's ``Space Shuttle Radio Frequency List'' [*1]
: reports shuttle audio retransmissions from 2-meter ham repeaters
: in Chicago and Downers Grove on 145.210 MHz and 145.350 MHz,
: respectively. However, I haven't heard any shuttle audio on
: either frequency.

Here near Wash, DC, I can listen on 145.55. However, I've had my vox
recorder hooked up to my scanner this week and have heard nothing. Last
shuttle trip there was _a lot_ of traffic.

--
+--+
| jcosiman@clark.net |
| +++++++++++++++++ |
| Finger for PGP public key |
+--+

1902. Re: Amphenol BNC connectors

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 17:24:10 UTC
From: rdcole@crl.com
Message-ID: <3hg7fq$58m@crl10.crl.com>
Source record: 252140
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Mark D. Conner (mconner@rain.atms.purdue.edu) wrote:
: I bought some Amphenol BNC connectors for both RG-58 and RG-8X cable.
: When I went to assemble them, I found that the hole in the back of the
: center pin where the center conductor is to go is far too small.
: Since this was true for two different types of connectors, I figure
: that it wasn't a manufacturing error.

Nope you have the wrong connectors.

Ron
N5HYH

1903. Re: Amphenol BNC connectors

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 17:25:37 UTC
From: rdcole@crl.com
Message-ID: <3hg7ih$58q@crl10.crl.com>
Source record: 252141
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: "Real" RG-58 has a solid center conductor. The stranded center
: conductor RG-58 "like" cables require a different connector.

Gary,

Maybe it's "thinnet Cable" a reasonable substitute for RG-58, but
it takes a different connector than RG-58.

Ron
N5HYH

1904. The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 17:30:45 UTC
From: slg@rfc.COMm.harris.COM
Message-ID: <Pine.A32.3.90.950210122300.79374A-100000@fep01.rfc.comm.harris.com>
Source record: 252142

I don't encourage no-code tech hams to upgrade because I think there's something wrong with holding that class of license. I encourage the upgrade because I think the HF bands have the most entertainment value. HF propogation is fascinating. Let's face it, a satellite is just a repeater in the sky! It's only on the HF bands that you can work the world w/ a watt of power and a dipole antenna. You just can't do so much with so little at VHF/UHF frequencies.

HF is a blast, and that's the real reason no-code techs should work toward getting HF privileges!

73 de KB2PWM, Steve Goldstein

1905. Re: General Internet Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 17:47:45 UTC
From: Philip Muth <pmuth@icon.net>
Message-ID: <3hg8s1$h2k@romulus.ucs.uoknor.edu>
Source record: 252143

ultra@crl.com (Billy Cordray) wrote:
>
> General Internet Survey
>
>
> This is a real simple survey I'm conducting for a science project
> and I would really appreciate it if you respond. These questions are
> real general and do not require much thinking. Thank you for your time.
>
> 1. Country _USA_____________________
> 2. City _Oklahoma City, OK____
> 3. Occupation _Computer Operations Supervisor
> 4. Age _35_____________________
> 5. IBM or Mac user _IBM_____________________
>
>
> Billy Cordray
> ultra@crl.com
> Long live Indica!
>

Good Luck!

73 de N0LQK

1906. Re: Audio problem with hr2510

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 18:15:30 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3hgag2$mj7@news.tamu.edu>
Source record: 252200

No, this is not because of a talkback modification. I also did the frequency mod for the radio, but the audio coming through the speaker has nothing to do with this. This noise has bothered me but I have never seen anything about fixing this. I've thought about running some line from the microphone to cut off the speaker when keying up. I've never done it since I hardly even use the radio now. As far as the squelch making the speaker pop, this happens on several ham rigs. For whatever reason, scanners have a nice quiet squelch and even seems to open quicker than some ham rigs. Maybe someone can talk about a certain size capacitor across the speaker to silence the pop a bit, and maybe it would muffle the "talkback" audio a bit too.

--
Myles Barkman KG5AI kg5ai@w5ac.tamu.edu College Station, TX Ag '92 BSEET
Web page at http://w5ac.tamu.edu/~kg5ai -- has some Texas Freq lists

1907. Re: DX Request

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 18:38:34 UTC
From: w5kne@mcimail.com
Message-ID: <3hg8u7$1pk@superb.csc.ti.com>
Source record: 252189

In article <3hfi6c$fnc@newsbf02.news.aol.com>, <jgrib@aol.com> writes:
>
>
> Hi,
>
> There used to be a server called dx-request. Is that still in operation or
> has it been moved somewhere else? Would appreciate any info.
>
> 73,
>
> Joe KI3B

It is dx@unbc.edu. The past week or so I have received very
little from it. Since Tuesday of this week I have received
nothing from it. I sent a query to the sysop this morning.
73,

Bob Winn, W5KNE

1908. Re: Car interference

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 19:01:18 UTC
From: robin@mcs.com
Message-ID: <robin-1002951101180001@robin.pr.mcs.net>
Source record: 252190

I had the same problem with my Ford truck. Ford will install an RFI filter inside your gas tank at no charge, if your vehicle is still under the bumper -to-bumper warranty. Your Dealer might try to give you a hard time about it.
I can fax you Ford's service bulletin thats describes the problem, how to fix it, and what models/years are covered. My dealer would not co-operate until I produced it!

Robin, N9VAF

1909. Re: new ticket...want dual band

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 19:15:45 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3hge11$3ru@mother.usf.edu>
Source record: 252187

William Newkirk (wnewkirk@bb.iu.net) wrote:

: limited budget? radio shack htx-202 from merrimac.

: also check out the local radio clubs...if they have a club station
: to operate, that can be a way to get a station to use for less money
: than one of your own will cost...

Or go to a hamfest with someone who has been around ham radio for a
sometime and find a good deal on a used rig.

There are tons of Icom IC-2AT, 02AT (3, 4, 03, 04 etc) Yaseu FT-209RH
(109/709 depending what band you want), Alinco HT radios out there that
can be picked up with accessories for a good price.

I bought my first radio at the '92 Tampa hamfest, with two batteries,
wall charger, soft case, duck for $150. It was a FT-209RH is great
condition. Since then I've found a FT-709R and FT-109RH (yea I do 220 even.)

Paul Knupke, Jr.
KR4YL (ex KD4VMD)
knupke@babbage.csee.usf.edu * USF Computer Engineering

1910. Re: Amphenol BNC connectors

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 19:23:53 UTC
From: depolo@blue.seas.upenn.edu
Message-ID: <3hgeg9$k0v@netnews.upenn.edu>
Source record: 252188
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3heh8s$7f6@mozo.cc.purdue.edu>,
Mark D. Conner <mconner@rain.atms.purdue.edu> wrote:
>I bought some Amphenol BNC connectors for both RG-58 and RG-8X cable.
>When I went to assemble them, I found that the hole in the back of the
>center pin where the center conductor is to go is far too small.
>Since this was true for two different types of connectors, I figure
>that it wasn't a manufacturing error.

Sounds like you got the wrong type of connectors. BNC connectors
for RG-58-size cable should fit almost all of the .195" OD varieties
of 50 ohm cable, including RG-58/U, RG-58A/U, RG-142B, RG-400, et al.
so I am at a loss as to why it won't fit on your RG-58.

However, my guess is that you were given BNC's designed for RG-59
instead of for RG-8X. Both RG-59 and RG-8X (aka "mini-8") have
a nominal outside diameter of .242", but the center conductor is
smaller on the 75 ohm RG-59 than the 50 ohm RG-8X. Low-budget
connector vendors or vendors who simply don't know any better will
interchange the two, which is obviously a bad idea. Not only
are they different mechanically, but their characteristic impedance
is different, too.

Another common connector mis-use is using RG-8/U type N connectors
on Belden 9913 type cables. Belden 9913 and its equivilents use
a larger diameter center conductor than RG-8/U, RG-213/U, and other
.405" OD solid-dielectric 50 ohm cables. The same type N connectors
that are made for Belden 9913 should also be used with Belden 8214
and other RG-8-type foam-dielectric cables as they, too, have a larger
center conductor. Filing down the center conductor in the case of
9913, or snipping off a few strands for RG-8 foam is not the right
way to go.

--- Jeff
--
-=-=-=

1911. Re: QST on the Newsstands?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 19:38:20 UTC
From: md_hill@CAM.ORG
Message-ID: <3hgfbc$n9s@ocean.CAM.ORG>
Source record: 252144

A.M. Cohn (andy@clark.net) wrote:
: A long time ago, the ARRL announced that QST would be available on the
: newsstands. Since then, I have never once seen the magazine on the dozens
: of stands I periodically visit. Has anyone ever seen the magazine? Once,
: I bought a copy of what I thought was CQ magazine, but when I got home
: and put my reading glasses on, it turned out to be "GQ" instead, which I
: thought was odd since the photos showed quite the opposite of what fellow
: hams dress like at a typical hamfest. ;-)

: andy-k4adl

It has been available at the newsstand since mid (last) summer. Bloody expensive though (about $7.25 Canadian with taxes). I wish the ARRL would get with it on the way they mail QST subscriptions i.e. make some kind of bulk mailing to Canada and then mail them out at reasonable rates.

QST is an EXCELLENT periodical, but is too expensive for many just getting into the hobby.

Mark, VE2HVW

1912. Re: Grid location?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 19:58:41 UTC
From: R0264@info.onet.edu
Message-ID: <17341D2A6S86.R0264@info.onet.edu>
Source record: 252191

In article <199502062142.QAA15283@rock.me.mtu.edu>
dmgillah@mtu.EDU (David Gillahan) writes:

>
>Howdy....
>I was wondering how you find out your grid location. Mine right now
>is EN57RC but I only know that because some one told me. How do you find
>out a grid location for anywhere? (or at least the US) are there maps?
>tables? Thanks in advance......
>--
>***
>* Talk to ya, Dave Attention all Skydivers: *
>* Until you've jumped *
>* Michigan Technological University into pitch-blackness *
>* Where it's too &@#% cold! at 1250 feet with 80 *
>* dmgillah@mtu.edu pounds of combat gear, *
>* kb8por@w8yy.#upmi.mi.usa.na YOU'RE STILL A LEG !!! *
>***
One of the ARRL publications, listed in every QST, is called something
like "The Maidenhead Grid Locater". It is quite thorough in explanation,
along with complete maps of the world. It has nothing to do with
virginity though. -- Phil, AA8JO.

1913. Matchall

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 20:40:40 UTC
From: bfleet@mbl.edu
Message-ID: <bfleet-1002951543260001@smac2.mbl.edu>
Source record: 252145

I'm looking for any and all input on the remote automatic antenna matcher called the Matchall. It's made by a outfit in Fla., tnx for any input.
reply to fleet@mbl.edu

1914. Re: Amphenol BNC connectors

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 21:07:38 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3hgkiq$96s@mozo.cc.purdue.edu>
Source record: 252146
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3hgeg9$k0v@netnews.upenn.edu>,
Jeff DePolo <depolo@blue.seas.upenn.edu> wrote:
>In article <3heh8s$7f6@mozo.cc.purdue.edu>,
>Mark D. Conner <mconner@rain.atms.purdue.edu> wrote:
>>I bought some Amphenol BNC connectors for both RG-58 and RG-8X cable.
>>When I went to assemble them, I found that the hole in the back of the
>>center pin where the center conductor is to go is far too small.
>>Since this was true for two different types of connectors, I figure
>>that it wasn't a manufacturing error.
>
>Sounds like you got the wrong type of connectors. BNC connectors
>for RG-58-size cable should fit almost all of the .195" OD varieties
>of 50 ohm cable, including RG-58/U, RG-58A/U, RG-142B, RG-400, et al.
>so I am at a loss as to why it won't fit on your RG-58.

The connectors fit properly as far as overall OD goes. It's the hole
in the center pin where the center conductor goes that's the problem.

>However, my guess is that you were given BNC's designed for RG-59
>instead of for RG-8X. Both RG-59 and RG-8X (aka "mini-8") have
>a nominal outside diameter of .242", but the center conductor is
>smaller on the 75 ohm RG-59 than the 50 ohm RG-8X. Low-budget
>connector vendors or vendors who simply don't know any better will
>interchange the two, which is obviously a bad idea. Not only
>are they different mechanically, but their characteristic impedance
>is different, too.

If so, AES at Milwaukee should know better, since the connectors are
listed as being specifically for RG-8X. The package simply has a part
number in lieu of listing the cable it's for, so it's hard to tell
what I acutally got.

Another ham here at Purdue suggested (thanks Bret N9ZFF) a local store
that carries Caltronics connectors. I tried out the fit at the store
and these pins fit properly over the center conductor. Still bugs me
that the Amphenol ones don't. There's a phone number on the Amphenol
package - guess it's time for a WTFO phone call. Maybe I'll work that
in after I get done sending a fax to the spam-of-the-week author.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

1915. NiCad Memory

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 21:27:36 UTC
From: koppe@amsd.Kodak.COM
Message-ID: <1995Feb10.162736@toto.Kodak.COM>
Source record: 252147

I'm looking for information regarding NiCad Memory Problems.
Negative Pulsing has been suggested as a fix for it.

Is there a FAQ on this topic?

Bruce

1916. Re: I Wanna get into Ham, but how and how much $

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 21:48:32 UTC
From: jfw@proteon.com
Message-ID: <D3t0Kw.DJw@proteon.com>
Source record: 252194

jennilr@ndlc.occ.uky.edu (Lane Jennison) writes:
> I recently read about ham radio, and I've heard a bit about before,
>and my friend and I are interested in getting into Ham radio, Beiing 13,
>the stuff looks rather expensive, What would the cheapest amount of money
>i could pay for some decent equipment, Also I Live in owensboro Ky, and
>I'd also like to know how, and what i have to do to get my license

You can find out the answers to most of these questions by ftp'ing
to oak.oakland.edu and picking up the file
/pub/hamradio/arrl/infoserver/ead/prospect.txt. You can also get the
book "Now You're Talking" from any Radio Shack. Briefly, the license
requires taking some tests in basic radio and electronics theory and
FCC regulations (which will be administered by an amateur radio group
somewhere near you (hopefully)), and (if you want to operate on the
shortwave/HF bands) an optional Morse code (5 words per minute) test.

As to the price of equipment, ham radio gear can be as expensive as you
want it to be -- or (almost) as cheap as you want it to be. If you are
interested in operating on the HF bands, there are many relatively inexpensive
kits available for low-power single-band transceivers (as cheap as $40);
however, low-power operation can be tremendously frustrating for someone
just starting out (to say nothing of the seasoned ham :-). You can also
find used amateur radio equipment relatively cheap; if you manage to find
other amateurs in your area, you may find someone with an old boat-anchor
or two they can lend you (that's how I got my start). For VHF and UHF
operation, kits are much scarcer, but there's always used equipment (and
the odd freebie now and then).

Finding other amateurs in your area is a very good starting point; if you
contact the American Radio Relay League (authors of the above-mentioned file
and book!), they can also help you find clubs in your area. Many old-time
(and recent, too!) amateurs cherish a chance to act as an "elmer" (kind of
a cross between a teacher, mentor, and your Uncle Elmer) for a new ham.
If nothing else, you might try looking around your neighborhood for someone
with way too many antennas on his or her house, and asking if they're an
amateur radio operator. (Note: SOME hams, like some of any other hobby group
you can think of, are jerks, so don't COUNT on a warmer reception than you'd
get from any random person. But I hope you'll be pleasantly surprised if you
try this tack!)

Hope this helps!
Good luck and best regards,

1917. Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 21:50:44 UTC
From: jangus@skyld.grendel.com
Message-ID: <792453044snx@skyld.grendel.com>
Source record: 252148

In article <2a6.5838.545@acenet.com> brian.carling@acenet.com writes:

> Your messages are deliberately offensive. The FBI and FCC are interested
> in your types of messages. Believe it or not, your 4 letter word
> is still a Federal Offense over public common carriers like Internet
> and BBSes that any one of any age may call and read.

> Very clever argument, but it will not wash in Federal Court where you
> will likely wind up if you persist in this obnoxious, desperate
> behavior.

Really? Cite the exact law that I broke. I'm waiting. I'll be happy to be
a test case in the courts.

I'm glad you found my message offensive. I find your messages equally
offensive.

My phone number is below along with my mailing address. (As they are in
all of my posts.) Put up, or shut up.

Oh, and yes, Dana Myers, kk6jq talked with the sysadmin at grendel.com.
Apparently no one has a problem with this except for you Brian. (Except
for a few other clueless oafs that seem to think that they are net.cops
by profession.)

--
"1935 will go down in history. For the first time, a civilized nation has
full gun registration. Our streets will be safer, our police more efficient,
and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

1918. K6VFE, SK

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 22:01:45 UTC
From: greg@netcom.com
Message-ID: <gregD3t16x.EMq@netcom.com>
Source record: 252193

It saddens me to report the passing of K6VFE, Sister Mary Charlotte, CSC.

Sister Charlotte's shack at St. Catherine's By the Sea in Ventura, California, was the first real 'ham shack' I ever visited. When my grandfather brought me there (I was around 13), Sr. Charlotte was just checking in to WestCARS.

Over on the bench was an old Johnson novice transmitter which was getting ready to go to a young ham.

The TR3 that was the main rig looked very cool to me.

From that moment, life was not the same.

Well, I got my license. And Sr. Charlotte relocated to a different residence in the mid-west. Her shack was in a building that went the way of many old school buildings, and met the wrecker's ball.

What remains, though, are a great number of lives touched and changed by this great lady and teacher, both in Ventura County, and in other more far-flung places.

73's Sister.

Greg

P.S: Prolly the only angel whose harp has a loading-coil.

1919. IPS Daily Report - 10 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-10 23:43:40 UTC
From: rwc@corona.syd.ips.oz.au
Message-ID: <1995Feb10.234340.27642@ips.oz.au>
Source record: 252149
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 10/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 10 FEBRUARY AND FORECAST FOR 11 FEBRUARY - 13 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 81/22

GOES satellite data for 09 Feb
Daily Proton Fluence >1 MeV: 2.4E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 8.8E+06 (normal)
X-ray background: B1.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
11 Feb 12 Feb 13 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 11 Feb: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 09 Feb
Learmonth 4 1211 1211
Fredericksburg 2 4
Planetary 5 6

Observed Kp for 09 Feb: 2322 1211
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
11 Feb 5 Quiet
12 Feb 15 Unsettled
13 Feb 23 Active
COMMENT: Active levels expected Feb 12-14, due to a coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

10 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
11 Feb normal normal normal
12 Feb normal normal fair
13 Feb normal fair poor
COMMENT: Degraded HF comms conditions are expected during the period 13-14 February, at mid and high lats.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
10 Feb 29 Near predicted monthly values, however frequent blanketing sporadic E was observed

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
11 Feb 20 Near predicted monthly values
12 Feb 15 Near predicted monthly values
13 Feb 15 Near predicted monthly values/depressed 10 to 20%
COMMENT: Sporadic E blanketing was observed during daylight hours at Canberra and Sydney. Depressions of up to 20% were observed at Townsville and Hobart after dawn yesterday. Spread F and blanketing sporadic E was observed at Hobart during local night. Enhancements of up to 50% were observed at Townsville during local night. Degraded HF comms expected after 13 February.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

1920. ARLB014 Digital meet scheduled

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:10:03 UTC
From: w1aw@arrl.org
Message-ID: <$arlb014.1995@ampr.org>
Source record: 252150
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB014
ARLB014 Digital meet scheduled

ZCZC AG80
QST de W1AW
ARRL Bulletin 14 ARLB014
From ARRL Headquarters
Newington CT February 10, 1995
To all radio amateurs

SB QST ARL ARLB014
ARLB014 Digital meet scheduled

Digital meet scheduled

The 14th annual ARRL Digital Communications Conference will be held September 8 to 10 at the LaQuinta Conference Center in Arlington, Texas, near Dallas.

Co-hosts for the conference are Tucson Amateur Packet Radio Inc. (TAPR) and the Texas Packet Radio Society.

The ARRL Digital Communications Conference is an international forum for radio amateurs and experts in digital communication, networking, and related technologies, at which they can meet, publish their work, and present new ideas and techniques for discussion.

Presenters and attendees can exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications.

Anyone interested in digital communication is invited to submit a paper for publication in the Conference Proceedings. Attendance at the conference is not required for publication. Papers are due by July 21, 1995, and should be submitted to Maty Weinberg, at ARRL Headquarters.

For more information on the conference, registration, and hotel reservations, contact TAPR at 8987-309 E. Tanque Verde Rd, No. 337, Tucson, AZ 85749-9399 USA. Phone 817-383-0000; Fax 817-566-2544; Internet: tapr@tapr.org.
NNNN
/EX

1921. DSP's for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:10:32 UTC
From: ah586@detroit.freenet.org
Message-ID: <3hgv9o$5gt@detroit.freenet.org>
Source record: 252151

```
1: Timewave DSP-9 (does not have 2.0 firmware)
asking $100.00 shipped.
2: JPS-SSTV-1 DSP filter for SSTV original box
and all doc's asking $100.00 shipped.
Call Steve 2-9pm EDT 1-313-587-3832 in Michigan
or reply ah586@detroit.freenet.org

--
-----------------------------------------------
| Steve Sable A.R.S. N8NYU |
| Interet:ah586@detroit.freenet.org |
-----------------------------------------------
```

1922. ARLX012 Help with history

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:14:30 UTC
From: w1aw@arrl.org
Message-ID: <$arlx012.1995@ampr.org>
Source record: 252152
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX012
ARLX012 Help with history

ZCZC AX81
QST de W1AW
Special Bulletin 12 ARLX012
From ARRL Headquarters
Newington CT February 10, 1995
To all radio amateurs

SB SPCL ARL ARLX012
ARLX012 Help with history

Help with history

The Antique Wireless Association is building a replica of the famous 1BCG transmitter used in the 1921 ARRL Transatlantic Tests--the first to send a complete message across the Atlantic.

The AWA hopes to have the transmitter operating sometime this fall and to be able to work amateurs who participated in the 1921 Tests.

The AWA knows of only one licensed amateur (other than 1BCG) still active who was heard by Paul Godley, in England--Jim Russell, now W8BU, then 8BU. Another participant, Bob Morris, W2LV, also is still active. The AWA would like to hear from other amateurs who might have heard 1BCG during the Tests, including amateurs in the US. 1BCG was operated from East Greenwich, Connecticut, by members of the pioneering Radio Club of America.

1BCG was on 230 meters in 1921--the AWA, using the call sign W2AN, will put the replica station on 160 meters. The transmitter will be identical in all respects except that a 204 vacuum tube, vintage 1923 or 1924, will be used.

Details of the ARRL Transatlantic Tests appeared in February 1922 QST and have been reprinted in several ARRL publications.

If you can help, contact AWA Curator Bruce Kelley, W2ICE, 59 Main Street, Bloomfield, NY 14469.
NNNN
/EX

1923. ARLP007 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:15:26 UTC
From: w1aw@arrl.org
Message-ID: <$arlp007.1995@ampr.org>
Source record: 252153
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP007
ARLP007 Propagation de KT7H

ZCZC AP75
QST de W1AW
Propagation Forecast Bulletin 7 ARLP007
From Tad Cook, KT7H
Seattle, WA February 10, 1995
To all radio amateurs

SB PROP ARL ARLP007
ARLP007 Propagation de KT7H

Solar flux last week was about the same as the week before.
Conditions were unsettled on March 2 and 3 and again on March 8,
with the A index in double digits. Activity should continue low,
with the flux heading down to the mid 70s around February 12 through
14, and up to a peak near 86 around the 18th and the 19th and again
around March 2 and 3. Look for active geomagnetic fields and
unsettled conditions due to recurring coronal holes from February 13
to 14 and again around the 25th through 27th.

Sunspot Numbers for February 2 through 8 were 76, 69, 63, 85, 55, 23
and 19, with a mean of 55.7. 10.7 cm flux was 86, 82.7, 86, 81.1,
84.3, 83.8 and 85.5, with a mean of 84.2.

The path projection this week is from Springfield, Illinois to Guam.

80 meters should be open from 0830 to 1300z, and 40 meters from 0730
to 1330. Try 30 meters around 0930 to 1000 and again from 1430 to
1530. 20 meters may be open around 1530 to 1630 and with somewhat
weaker signals from 2030 to 2330. Check 17 meters from 2100 to
2200. On some days 15 meters may be open around the same period.
NNNN
/EX

1924. Scanner Purchase

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:28:00 UTC
From: allan.logan@atlwin.com
Message-ID: <8A34490.02770063FE.uuout@atlwin.com>
Source record: 252154
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I will soon purchase a scanner from Radio Shack, I forget the model, but it has 800Mhz with searching. My friend got a similar one 1 year or so ago and it can pick up cellular phones. I understand the new ones have been modified to not work at those freq. Any help in this matter(information or how-to's for getting full functions would be appreciated)

1925. subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:29:43 UTC
From: ah586@detroit.freenet.org
Message-ID: <3hh0dn$a4g@detroit.freenet.org>
Source record: 252155

```
subscribe
rec.radio.amateur.misc

--
-----------------------------------------------
| Steve Sable A.R.S. N8NYU |
| Interet:ah586@detroit.freenet.org |
-----------------------------------------------
```

1926. Re: T.E. Systems Amplifiers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 00:57:17 UTC
From: brianb@access.thegroup.net
Message-ID: <3hh21d$gim@noc.thegroup.net>
Source record: 252156

In article <3h837d$4ng@oznet03.ozemail.com.au>, andrewd@ozemail.com.au (Andrew Davis) says:
>
>Had similar experience with a mirage 6m amp.
>On the other hand TE amps for 2m and 70cm worked perfectly out of the box all
>throughout a field day contest here in January. Nice gear.
>VK1DA

Just don't ever over-drive them. I waited over a year for a repair order. Uhg.

KD6VLB

1927. GMRS - what are the rules, how to get license?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 01:02:36 UTC
From: henniger@cisco.com
Message-ID: <henniger.792464556@cisco.com>
Source record: 252157

I am a licensed ham, and am interested in exploring the possibility
of allowing my family access to the radio waves via GMRS.

I am interested in what the rules are for GMRS,and how to get a license.

[power levels, antenna height, gain restrictions, frequencies, etc.]

Has anyone had experiences with GMRS?

Thanks,
Mick

(henniger@cisco.com)

1928. Re: FREE HAM NEWSLETTER!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 01:12:03 UTC
From: lenrev@wwa.com
Message-ID: <3hh2t3$omr@sashimi.wwa.com>
Source record: 252159
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amate

In article <NEWTNews.19038.791320464.amsoft@amsoft.epix.net>, AMSOFT@EPIX.NET says:
>
>
>A Free newsletter from AmSoft, a leader in Amateur Radio CD-ROM's is available
>by sending your E-Mail address to amsoft@epix.net. The newsletter contains the
>entire listing of the January 95 CD-ROM software library, and a one page
>description of the Amsoft CD-ROM. Please respond via E-Mail only.

Please forward newsletter to lenrev@wwa.com

1929. Re: Need help with Micor (440) transmit section...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 01:37:30 UTC
From: bote@access.digex.net
Message-ID: <bote.792464803@access2>
Source record: 252205

AMCWHORTER <almcw@delphi.com> writes:
>Ken Edwards <cnc23a@b4pph13e.bnr.ca> writes:
>>I have a pair of UHF Micors that we are going to put into service for
>>a club UHF repeater. The problem is that L302-L307 and L402-L407 are
>>not in either rig.

>The way this radio functions is that the rx local oscillator (f-11.7) is mixed
>o produce the tx carrier freq. There were several versions of this unit.
>According to the manual a "Standard" model had

The trouble with this terminology is that the Government split
radios called simplex "standard" and the commercial split
radios called the 5MC offset mode "standard", with the
respective remaining offset called "wide-spaced". Otherwise,
the description is accurate.

That is going to be some repeater with the input frequency
the same as the output frequency! At least it is
spectrum-efficient.

Be certain to tune the radio on a spectrum analyzer. It
is possible to tune those exciter filters to any numbe
of mixing products, sometimes with each coil on a different peak!
That looks neat on a spectrum analyzer as long as the radio
is transmitting into a dummy load; do this into an antenna
and you could write the book "How to lose friends and
piss off people." Meter readings for this part are misleading
for this very reason. A spectrum analyzer lets you know
exactly what is going on.

For the ham split I think you want a TFE6213A. I just looked
into a MICOR that is giving me problems and it has a
TFE6214A which is the next higher split. That might be the
source of my trouble! Now I'm not sure which one is usable
on the ham split.

If you need to take the receiver much below 447MC you'll
need to change the front-end coils. I ordered the Motrac
coils for the ham split (yes!), but I suspect that they
are N.L.A.. In that case, order the 406-420 coils and
trim about 1/16 of a turn off of each one before installing.
Ensure that there are no filings left on the coils before
installing.

>that the crystal needed is no longer available from motorola. I have sent a
>sample one to sentry crystal and they are going to try to reproduce it for me.

We got some offset crystals from International because we
needed some wacko frequencies for our repeater network;
they did not work, probably due to the fact that the circuit
was never designed to operate at that frequency. We have
since discovered a much better way to do it.

We also got some from a company in Kentucky
named Hy-Q Crystal and they not only have lower prices
than International (DUH!), they also have good crystals.
We sent them three stock Motorola offset crystals for
them to emulate, so now they know how to make offset crystals
for UHF MICORs.

>The warp coil needed is still a cureFzvPnt item and costs under $2.

I saw MICORs on Motorola's endangered species list a couple of weeks
ago, so you might begin to have trouble ordering parts
for them. Besides, in addition to a new warp coil, you need
a phase inducer and a matter/anti-matter injector. Of course, this
all assumes that your dilithium crystal chamber is in good shape.

--

rec.nude: Closed for remodeling. Will reopen when Nikkicraft is excised.
finger bote@access.digex.net for PGP key to encrypt email to me.

1930. motorola tech help

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 02:45:17 UTC
From: Dave@dholden.demon.co.uk
Message-ID: <792470717snz@dholden.demon.co.uk>
Source record: 252199

circuit diag & board layout required for electronic meddler
Motorola microtacII European 900mhz etacs or classic, flip etc.
all help apreciated
--
Dave Holden

1931. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 04:15:45 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3hhdlh$867@abyss.West.Sun.COM>
Source record: 252160

In article 6i1@paperboy.ids.net, ricktjader@ids.net writes:
>> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>> Welp, here's another fine example of what lowering standards in the
>> hobby has given us. This guy deserves to go to jail. We can't have
>> idiots like this out on the bands. Maybe he could volunteer to be a
>> poster boy for genetic engineering.
>>
>> Police said a Glocester man broadcast threats over a state-used radio
>> frequency to bomb and poison the Providence-owned Scituate Reservoir
>> system -- then was arrested at his home yesterday after he used his
>> HAM radio to identify himself and declare that the threats had been a
>> "mistake".
>
>It turns out that he was NOT using a HAM radio after all. He was using a stolen D.E.M. radio (according to
>friends of mine at D.E.M. in Rhode Island). Why is this person choosing to turn this news story into
>a diatribe against No-Code Techs?

Um, cause Mike does stuff like that. If he doesn't get flamed, he
gets bored and goes to another newsgroup.

Right, Mike?

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

1932. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 04:29:35 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3tJ5B.Io6@news.hawaii.edu>
Source record: 252161

Cassandra <cryle@iac.net> writes:

>cjs9@cornell.edu (Carl Steckler) wrote:

>>Mike wrote:

>> >Welp, here's another fine example of what lowering standards in the
>> >hobby has given us. This guy deserves to go to jail. We can't have
>> >idiots like this out on the bands. Maybe he could volunteer to be a
>> >poster boy for genetic engineering.

>> Yoe egotistical elitist anal-retentave moron. (read asshole) How dare you
>> disparage those of us who for reasons being none of your business select to
>> become no-code tech Hams? I will match my radio and electronic skills

>What I don't understand is why anyone would relate a no code tech
>license with a lesser quality person.

Hi Carl and Cassandra,
I don't see where Mike said anything about a particular class of
license. Why are you concluding that `lowering standards' equals
the Tech no-code license? Might you be feeling a bit insecure?

My interpretation of `lowering standards' is:
* Doing away with 1 out of 5 minutes perfect code copy (no corrections
allowed) in favor of questions regarding what was sent
* Doing away with the trip to the FCC office in favor of non-professional
volunteers as examiners
* Publishing the test questions and answers
* Much easier questions than I recall being given back in '76

Carl, can you express yourself without offending the young hams
who read this newsgroup? Just because Jeff Angus uses gutter-
language doesn't mean it's acceptable.

73 from warm and humid Hawaii,
Jeff NH6IL
Jeffrey Herman

1933. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 04:56:17 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D3tKDt.J2w@news.hawaii.edu>
Source record: 252162

Keep in mind there are two Jeff's in the following - the bad-mouthed
Jeff Angus, and the nice Jeff NH6IL in Hawaii:

jangus@skyld.grendel.com (Jeffrey D. Angus) writes:

> [Jeff's penchant for stepping on his dick deleted.]

Hi Jeff A.,
Thanks for the compliment, Angus, but that's not physically possible.
Now, let's see why you're so riled up:

> As usual you just have to jump in and make an ass of yourself. I have
> already posted an appology here on the net and to the originator via
> e-mail about mis-reading his intent on using K1MAN as a beacon.

Well, I don't page down hundreds of articles to read all the followups
to a particular post and neither does anyone else. You erred, I
made a nice comment, you posted an apology (one p) that I hadn't read yet.
Now you turn on me like a vicious dog. Shame on you.

> Perhaps while you're at it, you'd like to repeat your claim that I am
> (or was) bootlegging your callsign here in Southern California.

The DF info and the tapes came from Southern California hams.
I alluded that someone in your area was using my call. Why would you
think I was fingering you? BTW, you've got some expert DF guys on
your side of the Pacific; they're very professional.

> Maybe instead I just repeat someone else's remarks about you serving
> time on a sodomy beef.

You've got that backwards. I'm the one disgusted by that type of
gay behavior on this campus, remember? It's still illegal in this
state.

> And as usual for you, a completely off topic remark about my signature.

You mean about your `off topic' signature?

> This posting should rate at least an 8 on the NH6IL whine-o-meter. I managed
> to mention, dick, ass (twice) and sodomy in the above posting.

You get a C-.

> 73 es GM from Jeff
^Angus

73 from warm and humid Hawaii,
Jeff NH6IL

Jeffrey Herman (the Nice Jeff)

1934. Re: Accu-Keyer won't key IC-730

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 05:40:40 UTC
From: gfiber@halcyon.com
Message-ID: <3hhiko$3qi@news.halcyon.com>
Source record: 252163

In article <bfrause-0802950750040001@198.190.221.72>, bfrause@elgin.com (Bob Frause) says:
>
>In article <D3FsB8.AAq@ceco.ceco.com>, sufana@ceco.ceco.com wrote:
>I think your trouble has to do with the type of key jack you are using to
>connect to the IC-720. I am not at home now to look in my Icom book but I
>think you need to use a stereo jack. Anyway if you need further help
>e-mail me at my home bfrause@aol.com 73's Gud Luck
>
>> Robert,
>> I use the Accu-keyer and you must make sure that the keying is proper.
>There is a
>> a way to switch between positive and negative keying, but I use a better
>way. Among
>> the many mods for that keyer was one that made a universal keyer
>output. It doesn't
>> matter which way the rig wants to work, all electronic. If you want a
>copy of the
>> mod or of the entire keyer, let me know, I have a complete file.
>>
>> 73s,
>> Charlie AJ9N sufana@ceco.ceco.com
>>
>>
>>
>> In article uuout@camel.com, robert.brandon@camel.com (ROBERT BRANDON) writes:
>> > I recently pulled out an old Accu-Keyer I built years ago and tried to
>> > use it with my Icom IC-720. No go. Plugging in the keyer locked the
>> > sidetone on, but the rig wouldn't key. Hitting the keyer paddles made a
>> > little AC hum come through the speaker to the rhythm of my keying, but
>> > the rig wouldn't key.
>> >
>> > I hooked to keyer up to my ohm meter and the needle moves to dead
>> > short as I key. The rig keys fine with my straight key. Any
>> > ideas? I no longer have any documentation on the Accu-Keyer and all my
>> > manual on the rig says is be sure the keying voltage is less than 0.4
>> > VDC. I don't read any voltage on the output of the keyer. Thanks,
>> > Robert WD5AAT

The Icom 730 did not require a stero plug for the C.W. key.
The problem is the accu - keyer has a grid block keying circuit
and the IC-730 requires positive keying voltage of less than 0.4 volts.
Having built several accu - keyers and a former owner of a IC-730 I have
crossed this bridge many times. Another good method is to have the accu - keyer
just key a small reed relay, then you need not worry about keying polarity.

73' Gary Fiber

1935. Re: Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 05:42:31 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3hhio7$9nd@crcnis3.unl.edu>
Source record: 252164

Robert J. Raymond (bobr@on-ramp.ior.com) wrote:
: Can anyone give me some details on what a gin pole is and how it is used?
: I understand this can be used to help me put up my tower? Thanks.

I hate posts which just say "I agree...", but I'll risk doing it to emphasize what Gary Coffman said. Installing towers, even very short ones, can be _extremely_ dangerous.

There's nothing wrong with your question about gin poles...you have to ask questions to learn. But it's a little like the the old joke about the guy who asked how much the Rolls Royce cost...the dealer answered "If you have to ask, you can't afford it." :-)

If there is a good radio club in your area, there are probably some willing tower "experts" who would much rather help you out than let you get hurt...and they will ask nothing in return, except that you help out someone else with something you know about.

DON'T PUT UP A TOWER WITHOUT EXPERIENCED HELP!

(Preach mode off)

Greg WB0RTK

1936. Re: Freestanding Tower Information Requested

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 05:55:27 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3hhjgf$9oo@crcnis3.unl.edu>
Source record: 252165

WARREN WHITBY (WWHITBY@lan.mcl.bdm.COM) wrote:
: I am planning on installing a Rohn 40' free standing tower this spring. I
: am a novice at tower installation and would like to hear from everyone
: who has installed freestanding towers in the past. What hints do you
: have and what should I avoid doing? Any information you can share
: with me would be gratefully appreciated.

: 73s de KE4ITL

1. Get the "Rohn Book" or similar manual from another manufacturer.
It has all the engineering data you will need.

2. Get experienced help!
No matter how many hints you get, or books you read, you should
never attempt to erect a tower without _experienced_ help.

Greg WB0RTK

1937. RF MODEM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 07:07:07 UTC
From: Paul Newell <pnewell@earthlight.co.nz>
Message-ID: <3hhnmr$quc@celebrian.otago.ac.nz>
Source record: 252169

I am looking for a circuit for an RS232 to RF modem.
I want to transmit data in one direction only at about 600 baud.
Any ideas?
Paul Newell

1938. School Roundup

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 07:30:46 UTC
From: acameron@indirect.com
Message-ID: <D3trJB.KvF@indirect.com>
Source record: 252170

Carl Hayden High School will also be in the School Roundup using a student's advanced call KC7EFP. Monday Feb 13 to Friday Feb 17 (See Jan QST for details)

This is a GREAT contest for the kids. We have attracted many students into the Ham club through this activity, and a few have become contesters. I thank all the hams who contact the schools next week, you are promoting ham radio to the younger crowd. Have fun with it.
Thanks

--
Allan Cameron,N7UJJ Carl Hayden High School is the
Computer Science Dept Computer Science Magnet School for
Carl Hayden Community High School the Phoenix Union High School District
3333 W. Roosevelt Ave. Interested? Contact me.
Phoenix, AZ 85009

(602) 271-2417 Amateur Radio Call: N7UJJ
(602) 271-2469 (fax)
acameron@hayden.edu

1939. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 07:41:00 UTC
From: Ian@sharpip.demon.co.uk
Message-ID: <02111995074108um@sharpip.demon.co.uk>
Source record: 252171

On Fri, 10 Feb 1995 13:31:16 GMT, in <1995Feb10.133116.28537@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us (Gary Coffman) wrote.....

>In article <02091995201027um@sharpip.demon.co.uk> Ian@sharpip.demon.co.uk (Ian Sharp)
writes:
>>I also use :-
>> ...-- --...
>>
>>to signify end-of-document, but nobody's commented on its significance yet!
>
>37? I could understand 73, or 30, but not 37.

Erm, ..find I have to disguise my age a bit these days ;-)

#include <std-disclaimer.h>

73,
--
Ian Sharp: Bath, England (QRA: IO81tj)
InterNet : Ian@sharpip.demon.co.uk
AX25-Net : G7MZY @ GB7IMB.#41.GBR.EU
Ampr-Net : g7mzy@g7mzy.ampr.org
PGP 2.6 : public key available on request.

1940. Re: how to properly use an IAMBIC key

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 07:50:44 UTC
From: alanb@sr.hp.com
Message-ID: <3hhq8k$kcg@canyon.sr.hp.com>
Source record: 252172

Steve Hideg (Steve.Hideg.1@nd.edu) wrote:
: In article <3hdtrl$h5s@canyon.sr.hp.com>, alanb@sr.hp.com (Alan Bloom) wrote:

: > The standard is to wire the paddle to send dits with the thumb and dahs
: > with the finger. So for a right-handed person dits are the left paddle
: > and dahs are the right. For a lefty, it is reversed.

: Did anyone ever produce a left-handed semi-automatic mechanical keyer (bug)?

Certainly. My old college roommate had a left-handed Vibroplex bug.
I learned on it. I was told to use my left hand, even though I'm right
handed, which is why to this day I can send with a bug with either hand.

AL N1AL

1941. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 08:03:09 UTC
From: zilch@CERF.NET
Message-ID: <3hhqvt$njf@nic.cerf.net>
Source record: 252173

Awesome, but good luck... it's too progressive! I like it a lot though. Tell us how we can get Bar Code labels and what you're using to scan inbound QSL's with. 73, Mike Davis AB6SL

1942. Re: Barcodes on QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 08:11:47 UTC
From: zilch@CERF.NET
Message-ID: <3hhrg3$t5a@nic.cerf.net>
Source record: 252174

Oops, I forgot to mention...
I have searched the net for international callbook servers
(Gopher, WWW, Telnet, anything) and have only found one:
http//promet12.cineca.it/htlzh/qsl.html
This WWW site is brand new and features an interactive database
callsigns that anyone can search/update/create callsigns with.
It's a work in progress in that it's not based on a static
CD-ROM offering like the domestic callsign servers I've found.
So, it's incomplete but growing. Spread the word because I
really think it could become a terrific resource to folks with
WWW browsers.
Meanwhile: Do you know of any sources for non-North American
callsigns (on the net)?

Mike Davis, AB6SL

1943. Non-North American Callsign Servers?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 08:22:40 UTC
From: zilch@CERF.NET
Message-ID: <3hhs4g$6o7@nic.cerf.net>
Source record: 252175

I have searched the net for international callbook servers
(Gopher, WWW, Telnet, anything) and have only found one:
http//promet12.cineca.it/htlzh/qsl.html
This WWW site is brand new and features an interactive database
of callsigns that anyone can search/update/create callsigns with.
It's a work in progress in that it's not based on a static
CD-ROM offering like the domestic callsign servers I've found.
So, it's incomplete but growing. Spread the word because I
really think it could become a terrific resource to folks with
WWW browsers.
Meanwhile: Do anyone know of any other net resources for
non-North American callsigns?

Mike Davis, AB6SL

1944. Exams/Clubs in Berkeley/SF bay area

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 10:03:38 UTC
From: andyneal@ocf.berkeley.edu
Message-ID: <andyneal-1102950203380001@sharkbite.hip.berkeley.edu>
Source record: 252176

> I know at least one person, probably more, who would like to find novice/tech
> classes soon in or near San Francisco. Any known?

I'd like to know of one, too. I know one phone number: 408/255-9000.
Someone told me it was for test info for the whole bay area, but may be
for just the south bay.

A little while ago, I heard of a U.C. Berkeley ham club, but I lost their
e-mail address. If anyone knows it, please send it/post it here.

Thanks,

--A

1945. Super Morse 4.10

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 10:44:00 UTC
From: donald.davis@moondog.com
Message-ID: <8A35158.04B3001BA5.uuout@moondog.com>
Source record: 252177

JT>I would like to upgrade. Have heard that there are computer programs
JT>available to "teach" code. Any recommendations? Are any
JT>available by ftp? Commercial sources?

JT, try looking for a program called Super Morse. It's on the QRZ CD
released in August 1994. Version 4.10 It's what I used to upgrade from
No-code to my 5wpm and am now using to get up to 13wpm

* CMPQwk 1.42-18 9206 *On the 6th day God created Man. It's clear He was tired.

1946. Mods for Kenwood TS-780?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 12:01:38 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <792504098snz@g4kfk.demon.co.uk>
Source record: 252181

Does anybody here have details for converting a Trio/Kenwood TS-780
dual band base transceiver for use in the US, specifically:

1/ Increase 2m coverage to 144-148
2/ Increase 70cm coverage to 420-450
3/ Change repeater shift to 5.0 MHz

Any ideas / suggestions gratefully received.

73
Mike
G4KFK

1947. Need broadband 80m ant

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 12:12:18 UTC
From: penneys@brahms.udel.edu
Message-ID: <3hi9j2$p5h@brahms.udel.edu>
Source record: 252183
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I need a broadband 80 meter antenna for contesting which is resonant and will not require a tuner. I am currently using a triband with 40 meter element, a Carolina Windom on 80 only, and an inverted L on 160.

The problem is that using a non-resonant antenna with a tuner throws RF all over the shack and drives the computer nuts. I want to put up some kind] of horizontal wire antenna which will be reasonably resonant on both the CW and phone segments.

Thanks......Bob

--
Bob Penneys, WN3K Frankford Radio Club N.E.R.D.S.
Internet: penneys@brahms.udel.edu Work: Ham Radio Outlet, Delaware

1948. Quad spreaders?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 13:15:16 UTC
From: moonraker@tcp.co.uk
Message-ID: <3hid94$pp9@zeus.tcp.co.uk>
Source record: 252186

Anyone know of a supplier of fiberglass tubing/poles for use as quad spreaders for 20m.approx 13`/4m long.If possible in southern england.

73`s Darren G0TSM Southampton.....

1949. Yaesu FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 14:48:53 UTC
From: gianotti@ideanet.doe.state.IN.US
Message-ID: <Pine.PTX.3.91.950211094721.5071B-100000@ideanet.doe.state.in.us>
Source record: 252195

Question: Recently my Yaesu FT-530 battery seems to loose its charge
while just sitting on the shelf. I have two batteries and both of them
exhibit the same problem. Anyone else have the problem or an answer?

____
| John L. Gianotti KF9GW #INTERNET: gianotti@ideanet.doe.state.in.us |
| Dir Computer Services #VOICE: (219) 365-8551 ext 260 |
| Lake Central School Corp.#FAX: (219) 365-6414 |
|____|

1950. Re: Code Practice

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 14:50:36 UTC
From: d94-jer@misfits.nada.kth.se
Message-ID: <3hiirs$l69@news.kth.se>
Source record: 252197

Richard Haynes (rhaynes@csc.com) wrote:
: I think that you can find several code practice programs at one of
: two sites. I don't remember which one is which but both have ham radio
: files.

: Try an anonymous ftp to "SunSITE.unc.edu" and look in the
: /pub/academic/agriculture/agronomy/ham directory. This is a real file path as strange as it looks.

: Also ftp to "oak.oakland.edu" and look in the /pub3/hamradio directory.
: There are a large number of things there also.

I had this question myself only a few weeks ago. And I learned that
if you go to oak.oakland.edu you can find SuperMorse.

Bye and keep practicing.
--
_/_/_/

1951. 8Q7 Info-Have you been th

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 15:06:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.5990.545@acenet.com>
Source record: 252198

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

KN>I'm on my way to 8Q7 in April...has anyone been there that can tell me
KN>anything that I should know before I go??? Any licensing problems
KN>anyone's had??? email is ok to knob@netcom.com

KN>Thanks!
KN>-Jeff <knob@netcom.com> KA6LAF/FO0KI

Isn't that 8Q7 a ruggedized 807? :-)
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---.OOOo----oo----oOOO.---
| |
| Brian Carling |
| Radio AF4K |
| Gaithersburg, MD |
| |
| brian.carling@acenet.com |
| |
|_____Oooo._____|
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• SLMR 2.1a • Make a joyful noise unto the Lord!

1952. Re: Yaesu FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 15:56:48 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb11.155648.4710@ke4zv.atl.ga.us>
Source record: 252201

In article <Pine.PTX.3.91.950211094721.5071B-100000@ideanet.doe.state.in.us>
gianotti@ideanet.doe.state.IN.US (John Gianotti) writes:
>
>Question: Recently my Yaesu FT-530 battery seems to loose its charge
>while just sitting on the shelf. I have two batteries and both of them
>exhibit the same problem. Anyone else have the problem or an answer?

All NiCads exhibit self-discharge. Good batteries lose only about 10%
a week sitting on the shelf. If your batteries are losing more than
that, they are probably getting near the end of their life. One symptom
of near end of life NiCads is that the self-discharge rate increases.
Most fail for some other reason before getting to this point though.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1953. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 16:00:12 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3uF4D.C2D@zeno.fit.edu>
Source record: 252202
Cross-posted to: aus.radio,rec.radio.amateur.misc

In article <3hfig2$341@peachy.apana.org.au>,
Graham Broadbridge <graham@peachy.apana.org.au> wrote:
>Lost cause.

not all tilting at windwills is fruitless.

>
>I urge all amateurs to hit the SMA where it hurts.
>
>If you can afford it take legal action against them.
>
>If you can't afford that, do it my way, simply refuse to renew your license.
>
>Some have said that this is exactly what they want :-) Ok they've got it.
>I simply refuse to pay $70 odd bucks for what is a hobby, and not a very
>good one anymore anyway.

obviously someone who's burned out. or expected something else...
>
>Exactly what do you get out of the hobby anymore ? Is it really worth it ?
>Would you be better off investing in a better computer and surfing the
>internet ?

fun, i guess...and a radio is a lot cheaper than a good computer and will
probably not have to be upgraded or replaced every couple of years unless
someone comes up with a new modulation scheme to replace SSB...or FM..
>
>Everything once possible over AR has now been replaced by the Internet.

only if you can afford the network time -- costs money every month
to have a phone line, account at a service provider and all that.
get the radio, put up the antenna and the only ongoing expense is power.
>
>Is it really worth hanging on ?
>
sure..wouldn't miss it for the world.>
>
>Graham.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1954. Older Equip. For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 16:04:12 UTC
From: rwick@aol.com
Message-ID: <3hin5s$28l@newsbf02.news.aol.com>
Source record: 252203

I have an older Heathkit receiver, transmitter and some other equip scope, meters that I would like to sell. Any advice on where and how to go about it?

1955. Macintosh Amateur Radio Software - Feb. 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 16:34:32 UTC
From: tstader@si.tiac.net
Message-ID: <tstader-1102951134320001@si.tiac.net>
Source record: 252204
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Macintosh Amateur Radio Software - Feb. 1995
Version 1.0.9

Sorry I have been so delinquet in getting this list back to the nets... but I have been busy trying to recover from a hard disk crash! Please note that I have changed my e-mail address for BIG files. If you are so inclined to send them... please send them back to the address this post originates from.

Please feel free to distribute this list as widely as possible. Many of you have asked if it is OK to cross-post this list? I don't mind, but I would like to know where it is going. If you think it should be cross-posted to other USENET groups, please let me know so I can try and manage these. We don't want to have any duplication or our welcome will be wore out!

Those of you that can tell me about ANY of these programs compatibility with System 7 would be appreciated! I am going to be adding a System 7 compatability section to EACH description in future releases. If the application is KNOWN to execute properly under System 7, the System 7 anotation will be placed as the last line of the product description. More clarification on levels of System 7 compatibility in the future editions... but this is a start!

Some of the information in this list was gleaned from flyers supplied by the software vendors, or in some cases from reviews in amateur radio publications or the README files included with the archive. Some of the information has not been verified for a long time; please check with the vendors/authors for the latest product specs, pricing, etc.

NEW/CHANGES: I am continuing to add more version numbers so that our users will know if they have the most current release. Thanks to those that have already sent them in... I'll accept all corrections! I just saw on the net two other lists that I'll try and compare with this list very quickly and see if there are holes!

A new release of both NET/Mac and IM/Mac are now available.

The Mac version of Automatic Position Reporting System (APRS) is is NOW available at ftp.ucsd.edu. It really looks great... thanks Mark and Keith Sproul!

Check at the bottom of this list for more information on ftp'able sites carrying Amateur Radio software. The ARRL ListServer is also carrying the latest version of this list... in case you loose this one!

*** Collections ***
<MacNet v5.31>
Join MacNet and get included in the latest version of "Macnet Roster", a HyperCard 2.x stack that now has > 400 members and is the proverbial "Who's Who" of hams using Macs. You'll find "Macnet Roster" a great tool for finding out who, what and how other hams are using their Macs with their ham stations. It even includes this file!
Send $30.00($40.00 DX) check or money order to: WD1V, John Seney, 144 Pepperidge Drive Manchester, NH 03103 USA.
All disks shipped First Class Mail PPd. Get the COMPLETE Macnet Software Collection ppd. on 10 disks!
Based on your interests, you'll also receive public domain shareware received by our members.
System 7

<Project Mac>
Contest logging, antenna design, satellite tracking, clip art, etc. Microsoft BASIC required for many of the programs. Most of this software is now available in the MacNet collection. Send three formatted 800K Macintosh disks with stamped, self-addressed disk mailer to Stan Horzepa, WA1LOU, One Glen Ave., Wolcott, CT 06716-1442. Stan can be reached at horzepa@gdc.com
NOTE: Stan has indicated much of this software is "old" and may not work on some newer Macs. Also he notes that most of his collection is available in the MacNet collection above. He will send anyone what he has if you send him the disks and SAS mailer.

<Amateur Radio Software for Macintosh>
<Amateur Radio #1>
Contains satellite tracking, Morse code, attenuator design, and Ohm's law calculator programs. Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067.

*** Test preparation ***
<Ham Test Stacks>
HyperCard stacks containing the entire question pool for each license class. Can be used for preparation or generating actual tests. The current releases are: Novice v4.1(new questions eff. 7/1/93), Technician v4.0(new questions effective 7/1/93), General v2.4, Advanced v2.4, Extra v2.4.
Available via anonymous FTP from various sites, including uxc.cso.uiuc.edu (/pub/ham-radio). NOTE: The newest releases of Novice and Technician stacks are available at uxc.cso.uiuc.edu (5/6/93) Author is available via Internet: dls@genrad.com
NOTE: Diana no longer is supporting this software, she no longer has a Macintosh computer. Diana, thanks for your wonderful contribution to the Amateur Radio community for these stacks!
System 7 savvy with HyperCard 2.1

<MacHam>
Test generators and study aids for the Technician, General, Advanced, and Extra class written elements. Includes the complete question pool for each

license. Hypercard based.
Coyne Co., P.O. Box 2000-200, Mission Viejo, CA 92692.
System 7 with HyperCard 2.1

*** Morse code practice ***
<N6MZV Morse Trainer>
Lets you practice any combination of letters, numbers, and/or punctuation characters. Can send user-created text files.
RT Martin, N6MZV, 10382 Orange Avenue, Cupertino, CA 95014. Also available via anonymous FTP from ftp.apple.com (/pub/ham-radio).
Shareware.

<Morse Code Tutor v1.6> - used to be called Morse Tutor
Sends random groups of letters, numbers, and/or punctuation characters. Available via anonymous FTP from ftp.apple.com (/pub/ham-radio). Or send formatted 800K Macintosh disk with stamped, self-addressed return disk mailer to Jack Brindle, WA4FIB, 726-175th Street SW, Bothell, WA 98012; Compuserve: 73365,606.

<MorseMania V1.0>
Designed for those already familiar with Morse code who want to improve their speed. Allows code practice at various speeds and audio pitches. Can generate random sequences or play the contents of user-created text files. Freeware. Available via anonymous FTP from simoon.stanford.edu (/pub). Contact Edward Plumer, KM6IQ, for more information; Internet: plumer@simoon.stanford.edu.

<MacMorse>
Randomly sends chosen characters. Lets you create your own practice files. David A. Kall, 700 Marine Parkway #314, New Port Richey, FL 34652.

<MacMorse v1.3>
MacMorse is designed to help you learn Morse code and improve your receiving speed. It has several ways that it can send letters and punctuation. Shareware. Doug Havenhill, Dynamics and Control, 7143 West Sunnyside Drive, Peoria, AZ 85345.

<MacSamuel>
Sends random words, random character groups, and user-created text files. Can also create simulated QSOs with randomly generated text and callsigns. Avant Systems, P.O. Box 5437, Pittsburgh, PA 15206.

<Zihua Morse>
Designed to teach Morse code to beginners and to improve the accuracy and speed of advanced users. Responses can be typed into the computer; the program will calculate accuracy and timing statistics for each session. Optional speech synthesizer reads the characters out loud for an accuracy check. Zihua, P.O. Box 51601, Pacific Grove, CA 93950.

<Sparks-II v2.0.5>
More Code training program. Available for anonymous ftp at rahul.net /pub/davidj/radio

<Morse Master v1.0>
The newest of the morse code training programs. MM calculates the real speed as follows: Real speed = Number of Words/end time - start time. And the lengh of word is generating randomly, so if you set even 5WPM, sometimes another value will appear. However you should believe the slidebutton's value. If you repeat many times, the average speed should be 5WPM (if not... anyway, believe the slidebutton's value). Archive is available mac.archive.umich.edu, path: mac/util/organization/morsemaster1.0.sit.hqx The author can be reached thru the following e-mail addresses: h79261a@kyu-cc.cc.kyushu-u.ac.jp. (Eiji AOL account is no longer valid - moved back to Japan after his studies.)

<Morse Trainer-US v1.1.1>
MorseTrainer is a powerful tool for learning and training Morse code. Features: Three different training modes: user text, random text, library text; Arbitrary signal pitch and timbre; Arbitrary speed and tempo; Multi-alphabet support; Random text generator; Text library editor; On-line alphabet; On-line manual; Help Balloons; And a lot more. New features in 1.1: Enhanced sound generator, volume control and risetime control. The pitch is set in steps of 10Hz instead of using MIDI frequencies; Speed and tempo limits increased to 80 words/minute as a result of the enhanced sound generator; User-selectable font in the Misc settings dialog. FREEWARE!
This version uses TrueType fonts instead on bitmaps fonts so that the user can distinguish 0(zero) from O(character). Furthermore speed and tempo can be given in either characters/minute or words/minute. Archive is available mac.archive.umich.edu, path: mac/util/organization/ Author is available via internet: sund@tde.lth.se
System 7 savvy

<CW Speed Builder v3.0>
This program is for improving Morse Code (CW) reception skill. The major difference between this and other Morse Code training programs is that this one will not continue sending until you provide the correct answer. Major changes which have been suggested and implemented since last version include: after three incorrect responses the program shows the correct character; the list of characters at the end which will show those you know and those you need more practice on; the frequency of the tone has been changed; volume of the tone has been reduced; the character " - " has been added (dah dit dit dit dah) Comments can be sent as follows: America Online:K7UPJ, Internet:k7upj@aol.com, Packet radio:K7UPJ@KA3T, Compu$erv:70521,2356, Mail:Box 84, Cascade, MD 21719

*** Packet and other digital modes ***
<NET/Mac 2.3.47>
Allows simultaneous TCP/IP, AX.25, and NET/ROM connections. Requires a TNC with KISS mode. Copyright, but free for noncommercial use. The latest releases have added support of multi-port serial boards like AE's QuadraLink. It is now possible to have up to 16 TNCs connected up to a Nubus Mac!
Adam van Gaalen, PA2AGA, (Internet: adam@IGG.TNO.NL) has been making the

modifications to NET/Mac. This version (and others) is available via
anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/incoming),
mac.archive.umich.edu and oak.oakland.edu (/pub/hamradio/mac/digital/)
System 7

<Domain-to-Hosts Converter 1.0r3>
This application will create a hosts.net file from the domain.txt file
that PC owners use with NOS. Created by Ken-NS1C is available on many
TCP/IP packet switches in New England.program.
System 7

<IM/Mac 1.0b28e>
Mailer program for use with the SMTP protocol. Alternative to the BM
program that comes with NET/Mac. Written by Ivo van Ursel, ON1XK. Ivo is
continuosly updating his mailer program. His newest release supports
StuffIt Expander 3.5.1,built-in BinHex support, selectable sound chimes
for incoming mail, "quoting" of forwarded messages and lots more. If you
are not using this program... why not? Check for the latest release in the
directory before "blind" ftp'ing. This software supports System 7's
Ballon Help and is System 7 savvy! Available via anonymous FTP from
ucsd.edu (/hamradio/packet/tcpip/incoming).
Author is available via internet: on1xk@igg.tno.nl <<-- new address for Ivo!!!
System 7 savvy

<SoftKiss 1.8>
Control panel device that emulates a TNC running in KISS mode. For use
with packet-radio modems such as the Baycom kit and PacketMac Modem.
Version 1.8 July 9 1993 update since 1.6. KD6PAG found a bug in quoting
recieved escape and end characters is sofktiss 1.6. The bug and the fix
and patch are all correct, thanks for some great detective work. Lots of
doc files and drawings included in this archive! Requires the Serial Tool
from Apple's Communications Toolbox! Available on the HAMNET forum of
Compuserve, America Online and via anonymous FTP from
akutaktak.andrew.cmu.edu (/aw0g).
System 7

<PacketMac Modem>
PacketMac Modem kits can be obtained from: Sigma Design Associates, P.O.
Box 49085, Colorado Springs, CO 80919, (719) 260-5513 (after 1/94). Dexter
Francis can be reached at FRANCIS4@AppleLink.Apple.COM

<Savant 1.0.2>
A new packet terminal front-end by the author of Virtuoso. Savant has a
split window interface, but it's also a multi-window, multi-connection
interface and will work with almost any TNC, unlike MacRatt or HostMaster.
A demo version of the product is available at cpre1.ee.iastate.edu
(pub/ke0ph) or via US Mail, send a SAS disk mailer and disk to CM
Technologies, Inc., RR#1, Box 83A, Kelley, IA 50134 (515) 597-2051.
System 7, 32-bit, '040 cache clean and it supports the required
AppleEvents.

<MacRatt with FAX>
Terminal program for use with AEA's PK-232 multimode controller. Supports packet, CW, RTTY, AMTOR, and facsimile. Includes cable. Advanced Electronic Applications, P.O. Box C-2160, Lynnwood, WA 98036.

<Host Master 1.2>
The Kantronics Host Master software provides an easy to use, multifunctional terminal program for the TNC. Host Master Mac is a simultaneous multi-mode terminal program for the Mac written by Kevin Krueger, N0IOS and marketed by Kantronics. It is a commercial product available from most of the ham radio stores and supports single and multiple packet connects, packet monitoring, and HF operation (with KAM) each on a separate window, all at the same time. This package retails for $69.95 in the US and is intuitive, friendly, and well supported by Kantronics. Current version as of 10/20/93 is 1.2. It is hoped that a future version will support FAX but currently Hostmaster supports PACKET, AMTOR, RTTY, PACTOR (KAM ver. 6.0), CW, and NAVTEX. Features: text and binary file transfer; packet conferencing; color or B&W windows; cut, copy, paste between windows; call exchange and data/time stamp; auto startup/shutdown commands; transmit buffers for each mode; simultaneous dual port, multiple connects; supports KPC-2, KPC-2400, KPC-4, KAM and Data Engine. Requires: Macintosh Plus w/ System 6.05 or better. Current Kantronics firmware.
System 7 compatible, with baloon help

<PacketTracker 1.07>
PacketTracker ver 1.07 is a SHAREWARE program that monitors packet activity and keeps track of what is going on. It draws a graphical map showing who is talking to who and displays statistics of all current stations and keeps a running tally of activity. PacketTracker was written for both the casual packet user and the network manager or BBS operator. The casual packet user will be able to learn a great deal about what is happening in packet around him; which stations are generating the most data and what some of them are. he will be able to see graphically what stations he can hitdirectly and which ones he cannot. For the network manager and BBS operator, PacketTracker provides extensive insight to the operation of the local network and problems such as excessive retries on a path. It also allows for extensive logging of channel utilization and other pertinate information.
NOTE: This application requires the Apple's Serial Tool from the Communications Toolbox which is NOW included in the archive.
System 7

<MacAPRS 1.3.1>
MacAPRS is a Macintosh version of the APRS program. APRS = Automatic Packet Reporting System. APRS is used for tracking stations, cars, boats, balloons etc. using Amateur Radio Packet and GPS.
Most current relases area available at ftp.ucsd.edu
/hamradio/packet/tcpip/incoming
If you have questions, you can contact the author, at
akasbb1@peabody.sct.ucarb.com

<DSK_Loader 1.0>
DSK_Loader is the Macintosh equivalent of the DOS program DSKL. With this program you can communicate with the DSK (DSP Starter Kit) from Texas Instruments. This program bootloads a simple communications kernel and then loads other software using this kernel. Other options are: Fill DSK memory with a certain value; Dump DSK memory into a textwindow, for further processing; Execute programs on the DSK; Graph output from the DSK; Act as a dumb terminal to the DSK.
The DSK and thus DSK_Loader is most interesting for people who want to experiment with Digital Signal Processing at low costs. For HAM-Radio operators it is a very interesting piece of equipment, Some applications, like the KC7WW port of the W9GR filters are included.
This program is public domain so you can distribute it to others, put it on BBS's, FTP sides, etc. If you encounter some problem s, bugs, find language mistakes in the help-information (english is not my native tongue), or just want to know me that you use this program, feel free to write to the address below, by email, or just postal mail. Please add information about the system you use, and the application you use the DSK for. I also like to hear your wishes for future versions.
Author is available on the internet: G.Polder@CPRO.AGRO.NL. Gerrit Polder-PA3BYA, Prunus 8, 3904 LV Veenendaal, The Netherlands

*** RTTY ***
<MacTTY>
Decodes Baudot or ASCII transmissions. Can also be used for packet radio and other digital modes (including landline data communications). Includes split screen, a 15,000-character type-ahead buffer, and canned messages. Summit Concepts, Suite 102-190, 1840 41st Ave., Capitola, CA 95010.

<WeFaxWorks>
Weather facsimile terminal program for use with Kantronics TNCs. Kantronics rfconcepts, 1202 E. 23rd Street, Lawrence, KS 66046.

<MacMultiCom 1.0>
MFJ sells MacMultiCom 1.0 for their 1278 multimode controller. MacMultiCom supports all of the modes of the 1278: packet, rtty, ascii, pactor, amtor, gray scale faxes, and many different formats of color sstv. The program requires a minimum of a MacPlus and a hard disk. Requires a color Macintosh and System 7 for best results.
System 7

*** Logging ***
<Ham Radio Station Logbook>
HyperCard stack that stores and displays radio contact information. Automatically stamps entries with time and date. Contacts can be sorted by frequency, call sign, or date of contact. Includes report formats, a "Q-code" reference list, and on-line help. SanSoft, 892 E. Quail Place, Highlands Ranch, CO 80126. (The same program appears to be available from Heizer Software, 1941 Oak Park Blvd., Suite 30, Pleasant Hill, CA 94523.)

<FDLog!>
Contact logging and duping program. Can transmit any of ten programmable CW messages. Generates real-time statistics on QSO rates. System One

Control, 3900 85th Ave N, Suite 200, Brooklyn Park, MN 55443.

<MacContest 3.5>
Allows real-time or post-contest logging of a wide variety of contests. Checks for dupes, figures scores instantly, and offers various printouts. Interfaces to TNCs for CW and RTTY contests, to DX packet clusters, to Kenwood transceivers, and to MacinTalk for easy post-contest entry. Gerald Eberle, HB9CEY, P.O. Box 13, CH-4417 Ziefen, Switzerland.

<LOGic>
(Macintosh version scheduled.) Lets you define the rules determining dupes (such as once per band or once per contest). Displays heading, distance, and other information about the country being worked. Automatically enters contact time; if interfaced directly to a radio, also enters the frequency, band, and mode. Shows status toward earning amateur-radio awards. User-definable database fields. Exchanges data with other programs. Personal Database Applications, 2634 Meadow Bend Court, Duluth, GA 30136.

<HF Logger 1.2>
A real fine HyperCard logging program! (hey... thats all I got!) N0QGQ

<Simple Log .2b>
This little utility is a handy way to create a logging file that you can later import into any data base for analysis, etc. It also shows you that just about anyone can use Think C and create something on the Mac! Let me know if you'd like the source code. WD1V @ WA1WOK.NH.USA.NA Author is John Seney - WD1V, e-mail address is jseney@aol.com. For a copy of this program, mail a SASE disk mailer and 800K disk to: John D. Seney, WD1V, 144 Pepperidge Dr., Manchester, NH 03103
System 7

<Marathon>
Contesting/logging- Have seen references to (March 92 CQ magazine) and heard good things about MARATHON by N 0 IOS. I believe a demo was available for $8. Last address known is: Kevin Krueger, N0IOS, 1780 Ruth St., St.Paul, MN 551O9

*** Callbook data tool ***
<Hamcall 2.0>
This is the application that is used to support Buckmaster's Hamcall CD-ROM. This application provides much more data than previous versions including lat and long coordinates. Allows search by callsign as well as Zip Code sorts.
More information at info@buck.com
System 7

<SAM>
Amateur Radio Callsign Database now supports Mac interface. No additional information at this time.

*** Propagation, gray line, DX headings *** <DX Map v1.1>
Displays a map of the world with the terminator. Gives location,

prefixes, zone numbers, distance, and heading for any country you select. Freeware. Requires HyperCard 2.0. Available via anonymous FTP from joker.optics.rochester.edu (in the /ham/dxmap directory). Or send a formatted 800K Macintosh disk with a stamped, self-addressed disk mailer to Len Saaf, NV2Z, 52 Raleigh Street, Rochester, NY 14620 (Internet: saaf@joker.optics.rochester.edu).

<SatTrak>
Primarily a satellite tracking program, but also calculates beam headings, Maidenhead grid locations, MUF plots, and band openings. Shareware. Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K or 14.MB Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

<Sun Clock>
Desk accessory. Displays a color map of the world, including the terminator. Indicates current time for any location. MLT Software, Inc., P.O. Box 368, Portland, OR 97207.

<DX Window>
Draws a great-circle world map centered on your QTH, with day/night terminator indicated. Displays over 400 DX locations with prefixes and beam headings. Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<Skycom 1.1>
Enter solar flux and get propagation predictions to desired areas of the world. Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<Skycom 1.5>
Provides sunlight status at both ends of a path; MUF, F0F2, and FOT frequencies; S/N ratio of the link; and other information. Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<DX Helper v1.57B>
Displays beam heading, distance, gray line, and propagation information. Generates great-circle maps. Identifies prefixes, zones, and oblasts. Includes code practice. MacTrak Software, P.O. Box 1590, Port Orchard, WA 98336.

<Mac MiniMUF v5.1>
A greyline and propagation predictor based on the PC version of MiniMUF by K4CFV. It is available directly from him for the price of a formatted disk and SASE (disk mailer). His address in callbook or: Bob Stamper K4CFV, 12510 Shadowrun Blvd., Riverview, FL 33569

<Mac ShortWave v1.2>
A program called Mac Shortwave that figures MUF and LUF. BXA Research in Plano, Texas

*** Satellite tracking ***
<SatTrack v1.02>
Tracks one satellite across a world map as it moves, displays the

instantaneous position of several satellites, or generates tables of all satellites visible from a certain location at a given time. Also calculates beam headings, Maidenhead grid locations, and MUFs. Shareware. Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.
System 7 compatible.

<MacSat v3.1>
Tracks up to 21 satellites simultaneously, either in simulation or real-time mode. Text screen displays ground-track coordinates, range, mean anomaly, visibility (azimuth and elevation) and Doppler shift frequency information for all satellites being tracked. Graphical screen portrays the satellite ground tracks superimposed on a world map. Polar plot displays graphically the precise location of each visible satellite above the observer's horizon. Developed by the Geodetic Research Laboratory of the University of New Brunswick. Available from Richard B. Langley, R.R. 12, Fredericton, N.B. E3B 6H7, Canada (Internet: lang@unb.ca). A demo version of MacSat may be ftp'ed from directory PUB.CANSPACE on unbmvs1.csd.unb.ca.
System 7

<OrbiTrack>
<OrbiTrackFPU v2.1.4>
Calculates look angles to selected satellites, plots current satellite positions on a world map, and displays the visible passage of a satellite against background stars (either within the program itself or via a data file that can be read into the Voyager astronomy program). Please note that one version requires an FPU to operate! BEK Developers, P.O. Box 47114, St. Petersburg, FL 33743. (Bill Bard, CompuServe: 75366,2557)
(Note: This replaces BEK's previous MacSat program, which was not related to the program of the same name from UNB.)
System 7 compatible

<QuikMac>
Macintosh version of N4HY's QuikTrak program. Requires Microsoft BASIC. AMSAT, P.O. Box 27, Washington, DC 20044.

<Satellite Orbit Prediction Program>
Macintosh conversion of W3IWI program. Requires Microsoft BASIC. Send formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Earl Skelton, N3ES, 6311 29th Place NW, Washington, DC 20015. Or send self-addressed stamped envelope for source listing.

<Satellite Pro>
Uses world maps and tables to indicate rising and setting schedules, current locations, mutual visibility opportunities, and footprints. Includes Mercator, polar, and great-circle displays. Optional antenna control. MacTrak Software, P.O. Box 1590, Port Orchard, WA 98366.

<MacSPOC>
Author is on AOL and can be reached as adamod@aol.com via the internet.

The "demo" versions can be found at ucsd.edu.

*** Antenna design ***
<MacMiniNEC>
Chris Smolinski, N3JLY, 40 South Lake Way, Reisterstown, MD 21136.

*** Radio control ***
<ICOM Radio Control>
Provides a Macintosh interface for controlling ICOM transceivers that use the CI-V remote-control system. Lets you quickly change frequencies and modes. Also does logging and duping. Requires a CI-V to RS-422 converter (schematic included with program).
KE6FG Software, 9763 Pali Avenue, Tujunga, CA 91042.

<FreqValet>
Provides frequencies and DX program info for shortwave radio listeners. The program databases update automatically at 15, 30, or 60 minute intervals, thus providing a continuous display of broadcasts on-the-air at any given time in a spreadsheet like format. Features include sorting of data, scanning, and on-screen changing of databases. The program will convert Tom Sundstrom's dBase shorwave broadcast listing to FreqValet format and will do the same for Shorwave Navigator users. Separate cards are provided for DX Programs, Ship to Shore, and Utility broadcasts. Computer control modules are available at extra cost for the Drake R8, Kenwood R-5000, JRC NRD-525, and NRD-535 receivers.
DX Computing, 232 Squaw Creek Road, Willow Park, TX 76087. Telephone (817) 441-9188 or (817) 441-5555 (fax). Author is available via internet: dxcomp@aol.com System 7 with HyperCard 2.1

*** Ham radio BBSs ***
<Digikron Systems BBS>
Various ham-related applications, including logging, propagation, Morse code, and packet. (408) 253-1309.

<N8EMR BBS>
Various ham-related files, including packet, DXing, and contesting software; AMSAT bulletins; and several ham newsletters. (614) 895-2553. Also available via FTP on AMPRnet at 44.70.0.1.

<WB3FFV BBS>
Various ham-related software, including packet, contesting, and Morse code applications. (410) 661-2475, 661-2598, and 661-2648.

<ChowdaNet BBS>
(more info at a later date)

<Gallery's BBS>
Gallery's BBS is now available to the general public.Specializing in Amateur Radio shareware for the Macintosh computer.The board is open 24hours a day,7 days a week at 202-298-6009.Supports up to 9600 bd connections.Give it a call today! e-mail queries to:paulot@cais.com or N3MGA@WA3TAI.MD.NOAM

*** Online Services carrying Ham Radio software ***
<America Online>
Supports Macintosh, PC's DOS & Windows versions, PS/1, Apple //s, Casio
Zoomer. Ham Radio Club (keyword = ham radio) supports all computer types.
Software for amateur radio, scanners, swl'ers and general electronics. For
10 FREE hours of trial time send your snail mail address to
tstader@aol.com or call 1-800-827-6364 Ext. 6285. This site NOT ftp'able
(yet). Internet e-mail.

<CompuServe>
Supports any communications software on most computers Ham Radio area (go
hamnet) supports all types of communications formats. Call 1-800-848-8199
for information. This site NOT ftp'able. Internet e-mail.

<Delphi>
(more info at a later date) Internet e-mail

<GEnie>
(more info at a later date) Internet e-mail

<Prodigy>
Has ham radio message areas, no downloadable software. Limited internet e-mail.

==========
Misc. Internet FTP sites for Amateur Radio Macintosh software

joker.optics.rochester.edu (/ham)
sumex-aim.stanford.edu (/info-mac/app)
mac.archive.umich.edu various locations
vixen.cso.uiuc.edu (/pub/ham-radio)
ftp.ucsd.edu (/hamradio) many different subdirectories
(/hamradio/packet/tcp/incoming) newest
files temp holding area
(/hamradio/packet/tcpip/pa2aga)
NET/Mac & IM/Mac area
ftp.apple.com (/pub/ham-radio)
akutaktak.andrew.cmu.edu (/aw0g) softkiss-mac
nic.switch.ch (/software/mac/ham-radio)
oak.oakland.edu (/pub/hamradio/mac)

If you know of any other sites, please e-mail me info so I may keep
this list as up to date as possible!

- Terry

Thanks for all of the notes and updates! Keep them coming. Did I get all
of the versions right?

BTW... if you send me any binaries, please note that I have an e-mail
address for those BIG files:

tstader@si.tiac.net

==========
NOTE: Much of this work was done by Patty-N6BIS as she collected

information from many vendors. I would like to keep this list as up to date as possible. Please feel free to drop me a note if you have any additional software to this list.

DISCLAIMER: The software listed is not endorsed by Apple Computer, Inc.(c) nor has it all been tested by the author/providers of this information.

```
************************************************************
* Recompiled by Terry Stader - KA8SCP (tstader@aol.com) *
* Original list compiled by Patty Winter - N6BIS *
* New information last added 9/93 *
* some information not rechecked since early 1991. *
************************************************************
```

1956. Re: W5YI Report on best of 3975khz Net Sunday Night.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 17:11:11 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.141.00D4BCED@mindspring.com>
Source record: 252206

In article <ko4ta.140.007595E7@mindspring.com> ko4ta@mindspring.com (Don Simpson) writes:
>From: ko4ta@mindspring.com (Don Simpson)
>Subject: W5YI Report on best of 3975khz Net Sunday Night.
>Date: Fri, 10 Feb 1995 09:15:04 -0400

>Hello everyone you are all invited to the "Best of 75 Net on Suday Night".
>The net will conviene on Sunday evening at 1930 Eastern on 3975khz.

>Last week we had a blast! We had a horse race where the gangs from all up
>and down the band check in. The gang from 3898 won with Bob Cruz
>stretching out his lead in the final minutes. Bob Nelson from Texas on the
>phone patch. Several of the letters written to the FCC, Congress, and the
>Senate were read over the air.

>This week we plan to have an even better time. Fred Maia W5YI of the W5YI
>Report will be with us at 2100 eastern. Fred is going to be answering
>questions pertaining to the latest on the Glenn Baxter broadcasting vs. the
>FCC. It seems there are a few unanswered questions that have some
>interesting answers.

>Fred has some information about the vanity call sign issues as well. Fred
>and his Washington reporter Bennett Kobb have been interviewing within the FCC
>this week and we will have the info for you Sunday evening on the net.

>If you have some questions you would like to ask Fred you can check into
>the net Sunday Night or you may leave them for me at my email address.

>See you on the Radio

>DonDon

>you can
Best of 75 Net will meet every Sunday Night on 3.975 mhz. at 19:30 eastern. Please check in and help stand against the one way broadcasting on the Amateur Bands.

Check ins start at 19:30. There is a HORSE RACE with all of the major groups participating from up and down the band. Check in and win the horse race for your group.

Anyone can check into the net. A big signal is not required but sure does help. All are encouraged to be there.

Sunday night 2/12/95, W5YI Fred Maia will check in. Fred is the editor of the W5YI Newsletter. Fred will be answering questions concerning :
1. The interferrance by K1MAN and what is being done about that at the FCC.
2. The New Vanity Call sign issues. How to get one.
3. Other topics of amateur radio.

Upcoming guests will include

Wayne Greene of 73 magazine. Topics could include just about anything.

Mark Holmes KJ4ZO. Mark is the manager of one of the leading Amateur Radio retail stores in one of the major markets. Mark will answer questions on product availability and failure rates.

We have other folks that will be acting as our guests. So please show up and offer your support. We need you.

If anyone is interested in aquiring suggested letters to FCC or Senate/Congress, please mail me a SASE at:
Don Simpson KO4TA
6030 East Alabama Road
Woodstock, Ga. 30188
(404) 516-0971

1957. Re: DX Request

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 17:52:55 UTC
From: slay@netcom.com
Message-ID: <slayD3uKC8.LDK@netcom.com>
Source record: 252207

```
: > There used to be a server called dx-request. Is that still in operation or
: > has it been moved somewhere else? Would appreciate any info.
: > 73, Joe KI3B
: ------------------
: It is dx@unbc.edu. The past week or so I have received very
: little from it.
: 73, Bob Winn, W5KNE
```

Wait a second .... there are TWO address to use.

To SUBSCRIBE - use: DX-request@unbc.edu
To SEND A BULLETIN - use: DX@unbc.edu

It drives a lot of guys up the wall to see the "SUBSCRIBE" requests
being sent to everybody on the reflector by incorrectly sending the
request to dx@unbc.edu rather than to dx-request@unbc.edu

Cheers
Sandy
slay@netcom.com

1958. Amateur Radio Newsline #913 10 Feb 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 18:17:21 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <nyFFlGG8yfP3078yn@dorsai.org>
Source record: 252208
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Newsgroups: rec.radio.info,rec.radio.amateur.misc,sbay.hams

SB NEWSLIN @ ALLBBS $NLIN.913
Amateur Radio Newsline #913 11 Feb 1995

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Netowrk. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline. and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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B.PASTERNAK@genie.geis.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or
D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks: FidoNet - Joe Brown, 1:2526/111
RIME - RO mail to Steve Coletti, ->35
Others - Steve Coletti (within the conference)
(Fido Netmail to 1:278/230)

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NEWSLINE RADIO - CBBS EDITION #913 - POSTED 02/10/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
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```
Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... Out Of Service
Melbourne, FL..... (407) 259-4479
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Electronic Hardcopy Version of Newsline
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GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net
```

For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

Check with your local amateur radio club to see if NEWSLINE
can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[913]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* Our support fund administrator, Andy Jarema, N6TCQ says *
(* that we need the assistance of every listener who *
(* appreciates Newsline to help to keep it on the air. The *
(* Newsline Support Fund is separate from the service. It *
(* exists for the single purpose of channeling donations *
(* directly to the those providing services to the Newsline *
(* organization. *
(* The address for the Newsline Support Fund is: *
(* *
(* Newsline Support Fund *
(* Post Office Box 660937 *
(* Arcadia, California *
(* 91066 *
(* *
(* As always, we thank you for your support. That ends *
(* this weeks closed circuit advisory with Newsline Report *
(* number 913 for release on Friday, February 10, 1995 to *
(* follow. *
(* *
(* *

The following is a QST

Tech class hams have taken the lead position in ham radio
licensing, more on the ARRL sponsored meeting of repeater
coordinators and a big announcement about Newsline's Young
Ham of the Year Award. It has a new home. Find out where on an
extended Newsline report number 913 coming your way right now!

(*****
STARTLING STATISTICS

Technician class hams are literally on their way to ruling the world of Amateur Radio in the United States. This according to some startling 1994 year end statistics recently released by the FCC. The commission sez that forty percent of all radio amateurs licensed by that agency hold Technician or Technician Plus licenses with the Tech Plus leading the no-code Techs by a slight margin. Put into numbers, this means that some 186,000 of the estimated 250,000 hams in the United States and its possessions are Technician class operators, with up to 5000 new Techs joining the ham radio ranks every month.
Even more startling is the overall increase in the total growth in ham radio over the last ten years. We are up a bit over 62% from where we were in 1884. An increase of almost 250,000 from the half million figure the FCC's licensing computer put out a decade ago.
Looked at in dollars and cents the numbers are really astounding. If each ham licensed today were to buy only five hundred dollars in equipment over the next twelve months, the net income to the ham radio support industry would be in the order of $375,000,000 -- that's million dollars. More realistically, if only 10% of that figure or 75,000 hams spend $500 on gear the net to the industry by this time next year that would be $37,500,000 or there about.

(*****
ELECTRONIC FILING UPDATE

We have an update on the status of electronic filing of license applications. According to ARRL VEC Administrator Bart Jhanke, KB9NM tells us that Newsline #909 has an incomplete quote regarding the ARRL VEC's handling of electronic Form 610 application filing.
Bart says that the complete information is that, regardless of whether a VE team enters application data and mails or Electronically mails that data to the ARRL VEC, he must still receive the actual hardcopy Form 610 applications and hardcopies of other pertinent test session documents, and must screen them, before he can forward the successful applicant data electronically to the FCC. Bart emphasizes that the ARRL cannot simply bounce data received from a VE team to the FCC without screening the exam documents first.
KB1NM also says that electronic filing is now very alive and well for two of the 18 VEC's. Five more VEC's will be coming on board in the near future.

(*****
NEW ASTROHAMS FOR STS-67

And electronic filing of license applications has resulted in two more U.S. astronauts joining the ranks of Amateur Radio

licensees. Both will fly aboard the Space Shuttle Endeavour during mission STS-67.
The two new astrohams are Pilot William Gregory, KC5MGA and Payload Commander Tamara Jernigan, KC5MGF. Both took examinations with ARRL volunteer examiners on January 19 and were issued call signs on January 25.
The 16 day STS-67 mission is scheduled for launch in March. Six of Endeavour's seven crew members now have Amateur Radio licenses. School groups in 26 places around the world are scheduled to make voice contacts with the STS-67 crew using the Shuttle Amateur Radio Experiment radio system to communicate.

(*****
ARRL HELPS DISABLED

Some good news for handicapped hams. Word that the new ARRL Sourcebook for the Disabled is available in electronic form from several sources. This includes Compuserve, America Online, the ARRL's own Hiram BBS, and the InfoServer via Internet at info@arrl.org. The Sourcebook describes sources for those helping the disabled both with licensing and operating needs. It's development and publication was funded by the ARRL Foundation.

(*****
HAMS WIN IN REALLOCATION

In Los Angeles word that ham radio is the biggest winner in the FCC's reallocated 50 MHz of spectrum, including 2390 to 2400 and 2402 to 2417 MHz, from government use to unlicensed, low power devices. This is because the commission has also elevated Amateur Radio's status in those band segments from secondary to primary. This means that amateurs will no longer have to protect any other user of those bands, and amateur stations are entitled to protection against interference from other users.
Looking at the specific allocations, the Commission has made 2390 to 2400 MHz available for use by the unlicensed Personal Communications Services. It has also provided for continued use of 2402 to 2417 MHz by traditional unlicensed Part 15 electronics. This includes wireless networking and data transfer devices, with everything being governed by the same rules that apply to devices operating in the 1910 to 1920 MHz band.
But the important news for hams is that our service is now the primary user. In case you did not know, you can thank the American Radio Relay League for making this big win for ham radio take place.

(*****
ARRL REPEATER MEETING

More information is now known about the ARRL's decision to hold a meeting of the nations repeater frequency coordinators. According to the minutes of the January 20th Board of Directors

meeting, the stated purpose of the meeting will be to discuss several key points with coordinators. These include establishing what the ARRL calls a single point of contact between the FCC and the coordinators through which the commission would recognize and support both local and regional coordination efforts. In simpler terms, what the ARRL wants to know if whether or not the nations coordinators are willing to take their problems and complaints to the League instead of the FCC in much the same way as the ARRL's Amateur Auxiliary handles the investigation of other kinds of regulatory violations.

And there is good reason for this. As Newsline learned late last year, a ham here in Alabama who was asked to vacate a repeater contacted the FCC to find out if barring him from the repeater was legal. He was basically told that the FCC is sick and tired of hearing what it considers the whining and petty complaints of repeater owners and users. The commission does not have the resources nor the interest to handle what it views as petty complaints. As a result, a fairly high ranking FCC official told this ham that if ham radio could not solve these problems with repeaters, they definitely would not like the action taken by the FCC.

If we know this, the ARRL has to know it too. And if becoming a buffer between the repeater problems and the FCC is a way of avoiding some hard handed re-regulation, the ARRL appears to be ready to take on the job. A job that most repeater people will tell you that the ARRL has avoided for almost three decades.

But there is a lot more on the agenda than just buffering complaints to the FCC. Also to be discussed will be setting standards for service by coordinators, how appeals of coordination decisions should be handled, establishing a method of recognition and succession of coordinators and how frequency coordinators should respond to the needs of new technologies coming to ham radio in need of spectrum.

Finally, the League will also use the meeting to determine the level of support among coordinators for a return to separate repeater licensing. This is something many coordination councils have been wanting for a long time. Also, the ARRL wants to determine the extent to which coordinators should be involved in accommodating the needs of other modes and if coordinators should attempt to resolve interference between repeaters and other types of amateur operations.

While no date or location for this meeting has yet been announced, it is beginning to look as if the outcome of this gathering may well impact on more than repeater owner operators and their frequency coordinators. Decisions made at this meeting will assuredly lead to regulatory changes that will affect the day to day operations of the majority of the nations radio amateurs, most of whom operate on repeaters every day. This means you!

(*****
W1ALT BECOMES SILENT KEY

Some sad news. Word has just been received of the passing last summer of Frank Caswell, W1ALT in Beverly, Massachusetts. Caswell was first licensed in the 1920's. He spent much of his spare time collecting, recording and documenting the history of the Marconi Wireless Station on Cape Cod. He also built the replica rotary spark gap and model of the Marconi station that are on display at the headquarters of the Cape Cod National Seashore at South Wellfleet.

(*****
NEW PHILIPPINES PREFIX

From overseas, the DX News Letter reports that the Philippines began to issue its new 4E7 prefixes as of January 1st. So far there have been no contacts reported on this new prefix, but VS6VW reports hearing SM0CNS/4E7 active on 160 meters.

(*****
NEW SATELLITE COORDINATOR

The International Amateur Radio Union International Secretariat has announced the appointment of Bruce Lockhart, SM0TER as the new IARU Satellite Frequency Coordinator. Bruce main task will be to provide a service to enable any group to coordinate frequencies and emissions of a planned amateur satellite with existing and any other planned amateur satellites. The appointment was made after consultation with major AMSAT groups in Europe and North America.
While this is a technical position, the IARU Satellite Frequency Coordinator also has an important role in assisting in the protection of bands allocated to the amateur satellite service. Bruce will work closely with the IARU Satellite Adviser, Hans van de Groenendaal, ZS6AKV.

(*****
DX

In DX word that Frank Smith known as AH0W and OH2LVG, will be active in early March from the Northern Marianas Islands and from Saipan. His planned operation includes participation in the ARRL SSB DX Contest as a single op entry. Frank will also stop for a few days on business in Malaysia and will activate East Malaysia. Both operations will be on 20 meters and WARC bands. You may remember Frank as one of the operators of the XF4M DXpedition to Revillagigedos back in October of 1994. There is another story about the aftermath of that operation which we will have for you in a future report.

(*****
DX Spots now at WWW

Also, Jukka Salomaa, OH2BUA reports that DX spots, DX announcements and WWV information retrieved from PacketClusters is now available at World Wide Web. The information update is not true real time. Updates take place every half hour in Europe and hourly in the United States.

(*****
YHOTY AT HSV

Newsline in association with Yaesu U.S.A. Corporation and CQ Magazine is proud to announce an agreement with the Huntsville Hamfest Inc. for Huntsville and the Hamfest to become the permanent home of our "Young Ham of the Year Award."
For those of you not aware, the Huntsville Hamfest is one of the nations largest and most popular Amateur Radio conventions. It is held at the Von Braun Civic Center in downtown Huntsville and attracts some 7000 attendees each August. And this year, it will probably be even bigger since it has been designated as the official site of the ham radio industry's national show.
Besides being one of the nations friendliest places, the city of Huntsville, Alabama has many attractions of interest to young people including the nearby Marshall Spaceflight Center and NASA's Spacecamp. And the youngster selected as 1995 Young Ham of the Year will receive an expense paid trip to Huntsville and the Hamfest along with possible other gratuities courtesy of Yaesu U.S.A. Corporation. This includes transportation to Huntsville, hotel accommodations, admission to the Hamfest and banquet.
And while in Huntsville, the winner will also be treated to a V.I.P. tour of the Spacecamp facility and the Marshall Spaceflight Center. This, courtesy of CQ Magazine. Then on Saturday night August 19th he or she will be presented the 1995 Young Ham of the Year Award at the Huntsville Hamfest Grand Banquet, hopefully making it an experience that some deserving young radio amateur will never forget.
As we have said before, the nominating period for 1995 "Young Ham of the Year Award" is now open any continental United States radio amateur, age 18 or younger holding a valid FCC license. Nominees will be judged on the way in which they have used ham radio to significantly contribute to the benefit of the Amateur Radio service, or to the state of the communications art, to their community or the nation.
All nominations must be submitted before April 30th, 1995 on an official application. These are available for a self addressed stamped envelope to the 1995 Young Ham of the Year Award, c/o Newsline, 28197 Robin Avenue, Saugus, California 91350. These nominating applications are also available electronically with an E-Mail request to: BILLWA6ITF on America Online; B.PASTERNAK on GEnie or billwa6itf@aol.com via the Internet.
The Huntsville Hamfest takes place the weekend of August 19th through the 20th. Many of the members of the Newsline staff will be there. We hope you will be there too.

(*****
And for this week, that's all from the Amateur Radio Newsline.
You can write to us at Post Office Box 660937 in Arcadia, CA
91066.

(* * * Newsline Copyright 1995 all rights are reserved. * * *

1959. Re: Need broadband 80m ant

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 18:53:58 UTC
From: Garry Foster <gmfoster@grape.epix.net>
Message-ID: <Pine.SUN.3.91.950211134416.8833B-100000@grape.epix.net>
Source record: 252209
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

On 11 Feb 1995, Robert Penneys wrote:

>
> I need a broadband 80 meter antenna for contesting which is resonant and
> will not require a tuner. I am currently using a triband with 40 meter
> element, a Carolina Windom on 80 only, and an inverted L on 160.
>
> The problem is that using a non-resonant antenna with a tuner throws RF
>

Well using a tuner shouldn't throw RF all over the shack. Try a 1/4 wave
counterpose. Watch out as the end will be hot RF wise. Using a remote
tuned tuner at the feedpoint of the antenna might be another option.
There are some designs which claim to be brodbanded. You can use multiple
elements on a centerfed dipole cut for 3.9 3.8 3.7 ect. I've never tried
this but some claim it works well. What you have to remimber is that 80
meters is .5 meg wide. To get one antenna to cover 3.5 to 4.0 is the same
as trying to get on antenna to cover 14 to 16 meg. The bandwidth as a
percentage of frequency is very high. An antenna cut for 3.9 ought to
work from 3.8 to 4.0 with a tunner without much trouble.

Garry Foster
WB0NNO

1960. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 19:31:36 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <1995Feb11.193136.7590@liberty.uc.wlu.edu>
Source record: 252210

Brian Carling (brian.carling@acenet.com) wrote:
: Newsgroups: rec.radio.amateur.misc
: From: brian.carling@acenet.com

: Jeff Angus writes:

: JDA> Go f**k yourself.

: That is not possible Jeff. Are you attempting some Junior High
: kind of insult here? Tsk tsk. I guess so. I feel sorry for you.

I don't know. It may be interesting to see you try to do it...

: Your messages are deliberately offensive. The FBI and FCC are interested
: in your types of messages. Believe it or not, your 4 letter word
: is still a Federal Offense over public common carriers like Internet
: and BBSes that any one of any age may call and read.

You're wrong, buddy. One must access the internet to receive what you
consider "offensive". By the way, what four letter words can't I
say?????? Well??

: He he! I can WELL say the same to you!
: I can read them if I wish. You don't have to deliberately be so
: provocative and annoying to the other users. If you don't like my
: responses to your filth, don't read them. Simple enough, right?

1961. What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 21:03:29 UTC
From: ad283@rgfn.epcc.edu
Message-ID: <1995Feb11.210329.6827@rgfn.epcc.edu>
Source record: 252211

I received the HTX-404 for christmas and was wondering why everytime I tell another Ham that this is what I got they give me a funny look and tell me I should of got the HTX-202? Is there something wrong with the 70cm band or something? I wanted the 404, because I read an article that was saying how crowded the 2m band was and how alot of people are going over to the 70cm, so I thought the 404 would be the better radio for the future. Was I mistaken? I would apreciate anyones response to this issue. I am new to ham radio so I don't know as much as most of you.

Thanks.
--
David Greiner
ad283@rgfn.epcc.edu

What the hell are you looking at.

1962. YAESU FT 51R Key Presses HELP ?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 21:08:00 UTC
From: phillip.gane@almac.co.uk
Message-ID: <8A35530.044A00AE6E.uuout@almac.co.uk>
Source record: 252212

Hi to All

Does anybody of any Key presses to get the New Yaesu FT 51R on to Very
Wide band RX (110-950Mhz). I have been told that it can be done.
Any other useful key press or power ON modes that are not in the Book..
All info would be of gratefully received.

GM4SUF @ GB7SUF.#76.GBR.EU

phillip.gane@almac.co.uk

* 1st 2.00b #5597 * 1st things 1st...nothing can be easier than that!

1963. Re: Super Morse 4.10

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 22:10:21 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3uw99.2pG@zeno.fit.edu>
Source record: 252213

In article <8A35158.04B3001BA5.uuout@moondog.com>,
DONALD DAVIS <donald.davis@moondog.com> wrote:
>JT>I would like to upgrade. Have heard that there are computer programs
>JT>available to "teach" code. Any recommendations? Are any
>JT>available by ftp? Commercial sources?
>
>JT, try looking for a program called Super Morse. It's on the QRZ CD
>released in August 1994. Version 4.10 It's what I used to upgrade from
>No-code to my 5wpm and am now using to get up to 13wpm
>
commercial sources -- both GEnie and Compuserve have supermorse 4.15
on board (Radio RT on GEnie, HamNet Forum on CIS) along with Morse
Academy 5.2B....drop me some e-mail if you can't lock on to a copy
and i'll send what i have. (the mailer here uses mime (base 64) to
encode stuff..decoders at cmu.edu...)

73

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

1964. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 22:25:12 UTC
From: richardm@zeta.org.au
Message-ID: <3hjdg8$77j@godzilla.zeta.org.au>
Source record: 252214
Cross-posted to: aus.radio,rec.radio.amateur.misc

In article <3hfig2$341@peachy.apana.org.au>,
Graham Broadbridge <graham@peachy.apana.org.au> wrote:
>Just let me say, that preparing a report in a professional manner, and
>behaving same seems to beyond the WIA and its spokepersons at the moment.

Would you care to elaborate on this comment?

>: the last say....So, once again, if you have not written -- write now!!!
>
>Lost cause.

Not worth spending the price of a stamp you reckon? To borrow a line from
a letter to the Sydney Morning Herald this week, if 4,000 woodchip
workers can change Paul Keating's policy on woodchipping, why can't
18,000 Amateurs have a similar effect?

(Answer: because so many can't be bothered to get up off their backsides
and write a letter of protest)

>I urge all amateurs to hit the SMA where it hurts.
>
>
>If you can afford it take legal action against them.

No, target their bosses, i.e. the politicians, who aren't fully aware of
the "instructions" they have "given" their employees.

(With all due respect, we in VK2 have had quite enough litigation, thanks)

>If you can't afford that, do it my way, simply refuse to renew your license.

Yeah, be a pirate - that's very constructive Graham.

>
>Some have said that this is exactly what they want :-) Ok they've got it.
>I simply refuse to pay $70 odd bucks for what is a hobby, and not a very
>good one anymore anyway.

It's only as good as you make it, you know. Anyway, there's always CB,
which is now free of licence fees. Have fun.

>Everything once possible over AR has now been replaced by the Internet.

Send me email from a cave, from a hot-air baloon, or while in freefall from
10,000 feet, and I'll maybe I'll give up AR too.

I hope not every Amateur is so apathetic.

73 Richard VK2SKY

PS I don't seem to be able to find any Broadbridges in the callbook (last year,s admittedly). Can we take it, Graham, that you're not really a licenced Amateur, or are you just giving up after only a year?

1965. 2M repeaters in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 22:42:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A353EA.00CB00251B.uuout@camel.com>
Source record: 252215

Bernard, thanks for the info on 2M in France. I would very much appreciate any listings, maps, etc. of 2M repeaters there. Thanks and 73, Robert WD5AAT

---
* UniQWK v3.3a* The Windows Mail Reader

1966. Icom 3230A

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 22:42:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A353EA.00CB00251D.uuout@camel.com>
Source record: 252216

I'm interested in your Icom 3230A, but am not familiar with that model. How many memories does it have? When was it made? Does it do cross band repeat? And how is it with intermod? 73, Robert WD5AAT

---
* UniQWK v3.3a* The Solution for Multilingual Messages

1967. IC-255A

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 22:42:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A353EA.00CB00251C.uuout@camel.com>
Source record: 252217

I'm interested in your 2m rig but am not familiar with that model. When was it made? How many memories? Does it do tones? Does it have DTMF? Any DTMF memories? 73, Robert WD5AAT

---
* UniQWK v3.3a* The Windows Mail Reader

1968. Re: Exams/Clubs in Berkeley/SF bay area

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:06:24 UTC
From: timi@mendel.berkeley.edu
Message-ID: <timi-110295150624@kustu1.berkeley.edu>
Source record: 252218

In article <andyneal-1102950203380001@sharkbite.hip.berkeley.edu>,
andyneal@ocf.berkeley.edu (andyneal@ocf.berkeley.edu) wrote:
> A little while ago, I heard of a U.C. Berkeley ham club, but I
> lost their e-mail address. If anyone knows it, please send it/post
> it here.

The UC Amateur Radio Club (W6BB) email addresses are:

hams@violet.berkeley.edu :A limited mailing list for club officers
and a small bunch of hams who actually
like a lot of email.
Used for in-house missives.
>>>> Please mail here for club information <<<<

w6bb@violet.berkeley.edu :To members and interested hams at large.
Used for general club announcements.

Anyone remotely connected to UC Berkeley -- students, staff, alumni,
local residents, or anyone who has seen a Berkeley postcard (San
Francisco postcards will not do) -- are invited to stop by or
drop us a note. We will even process membership checks for the
Stanford U. ARC at no charge (make checks payable to ASUC/UC-Amateur
Radio Club - expect a short transfer delay of 8-10 years - email
me for details).

Bear's net: Every Wed and Fri @ noon - 146.43 MHz simplex (preferred)
or 440.90 MHz + pl 114.8

W6BB will also be participating in the School Club Roundup next week.

Regards,
Tim Ikeda ke6glw (sec/treasurer W6BB)
timi@mendel.berkeley.edu

1969. Re: Repeater Directory online/CD-ROM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:30:07 UTC
From: mack@ncifcrf.gov
Message-ID: <D3uzy8.9s5@ncifcrf.gov>
Source record: 252219

In article <3h3she$48a@newsbf02.news.aol.com> pergrim@aol.com (Pergrim) writes:
>In response to your questions about repeater CDROMs:
>
>PerCon Corp , currently known for its FCC Frequency Databases & Spectrum,
>will release a CDROM Ham Callsign Database and Open Repeater Database in
>March.

>For more info ,call or fax:
>Chuck Pergrim

I tried to get the ARRL list of repeaters from the ARRL but they said
they were not allowed to release the repeater info as part of publishing
the list. Apparently the repeater coordinators regard the location
and frequency of the repeaters as proprietary info. The only way I could
get the info I was told, was to go to every repeater coordinator in
the country and make agreements with every one of them separately.

Naturally I declined.

What have you guys done to get these lists that I didn't?

Joe Mack
NA3T
mack@ncifcrf.gov

1970. Re: Beam Stacking Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:45:35 UTC
From: mack@ncifcrf.gov
Message-ID: <D3v0nz.A1n@ncifcrf.gov>
Source record: 252220

In article <3hadgl$ett@newsbf02.news.aol.com> bobjf@aol.com (Bobjf) writes:
>I am planning on putting my 2 meter/7element beam above a 70cm 12 ft boom
>length yagi. What is the proper spacing between them to minimize
>interaction? Thanks for any information anyone can provide.

To a first approximation, they are far enough apart in freq that they
won't interact, ie you could almost tape the booms together (neglecting
effect of the fatter 2m boom on the freespace around the 432 elements).

To be extra sure, you can calculate the capture area for each
yagi. The 432 one willhave a capture area of about 4'x4', ie it doesn't
interact with anything further than 2' in each direction from the boom.

My guess about the 2m beam is that the capture area extends 3-4'
from the boom. So 4' separation and they won't know anything about each
other.

I have my 432 (4x15 elements) and 2m (2x15 elements) sitting
in each other's capture areas and I can't tell the difference SWR wise
or pattern wise.

Joe NA3T
mack@ncifcrf.gov

1971. RB365 Workers Checklist 2/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:45:44 UTC
From: enge@almaden.ibm.COM
Message-ID: <199502112345.PAA07399@ucsd.edu>
Source record: 252221

Bid: $RACESBUL.365
Subject: RB365 Workers Checklist 2/2

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

RB365 for release 2/13/95
SUBJECT: MGT - POLICY - NEW WORKER'S CHECKLIST PT 2/2

Continuation of a supervisors checklist for new workers -- both
paid and unpaid. It was suggested in RB 364 that particular
attention be placed in applying these guidelines to the unpaid
staff to help improve the ACS/RACES organization.

6. Show him/her the layout and available facilities:
____ Explain the layout of the offices as well as the branch and
unit to which he/she is assigned.
____ Show him/her the washroom, water fountain, elevators, soft
drink machines, coffee, duplicating machine, and/or other
relevant facilities.
____ Security briefing on restricted and prohibited areas.
Building security rules. Doors and gates.

7. Explain rules and regulations:
____ Hours of work.
____ Periodic staff meetings. Exercises.
____ Smoking.
____ How to answer the telephone.
____ How to place telephone calls. Describe systems available.
In addition, for paid workers:
____ Punctuality and good attendance.
____ Lunch period.
____ Rest periods.
____ Use of telephone.
____ Leave

8. Job instruction, or assign to qualified instructor:
____ Give step-by-step instruction if necessary.
____ Explain quality and quantity of work standards.

____ Assign his/her work area.
____ Describe availability of future training and assistance.
____ Provide the new worker all necessary job descriptions,
handouts, plans, policies, procedures, learning aids and
any other materials that will enable the worker to grasp
the team approach.
____ Explain the use of office equipment (computers, copy
machine, etc.)
____ Stress safe working habits and practices.
____ Stress security aspects of the job, if applicable.

9. Follow up:
____ Check frequently on the new worker's progress.
____ Encourage him/her to ask questions.
____ Make corrections and give encouragement.
EOF
-- -- --
ACS Addresses: 2800 Meadowview Rd., Sacramento, CA. 95832.
Ph: 916-262-1600. FAX 916-262-1677. Landline BBS: 916-262-1657.
W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.
eom

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hamradio/races or in hamradio/packet/tcpip/incoming and can be
retrieved using FTP. The opinions stated are those of the author of
the bulletin and not the poster.

1972. RB 363 Double Teaming

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:46:11 UTC
From: enge@almaden.ibm.COM
Message-ID: <199502112346.PAA07415@ucsd.edu>
Source record: 252222

Bid: $RACESBUL.363
Subject: RB 363 Double Teaming

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

RB 363 for Release 1/30/95
SUBJECT: OPS-TNG - Double teaming

Training can only go so far in the classroom. Some aspects and
experience can only be achieved on the job. One way to do that is
with a practice that is called double teaming.

Double teaming is the process of putting a less experienced
person to work with an experienced one, particularly in
operations, installations, and technical work. This enables the
lesser experienced (or new person) to show their stuff under
fire, be evaluated under pressure, and sometimes step up into the
role of a more responsible position.

An excellent way to double team is in packet operations. Its
a natural because it seems there are never enough prompt,
experienced packet operators with transportable packet
terminals. It's really imperative that a second operator be
ordered up. A typical forest fire day starts at 5:30 a.m. and
may run to 8 or 10 p.m. for most communications people. Radio
and packet operators need relief under such stress and long
hours. Virtually every position, from communications officer or
shift supervisor to net control operator can be double teamed
where space allows. The process can be extended to virtually any
position in or related to an emergency communications unit;
actually, any job in the EMA itself! Try it, you may like it far
better than you at first may think possible!

Actually, the process of one-on-one teaching -- by showing,
leading, invoking interest in and ability to expand and grow in
usefulness, actions and abilities, is a time honored process
that has been proven in many ways. In one sense it's rather
like a modern day equivalent of the master/apprentice process,

but molded to fit a different time and situation. Stated in another way, it's friend helping friend.

True, you can function without double teaming but you aren't doing your "second string" any favors. Don't you want them all to become first string personnel? What better way to help them along the way?

Signed Stan Harter, Auxiliary Communications Service program coordinator, State of California.
-- -- --
ACS Addresses: 2800 Meadowview Rd., Sacramento, CA. 95832.
Ph: 916-262-1600. FAX 916-262-1677. Landline BBS: 916-262-1657.
W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.
Origination: W6WWW@KD6XZ.#NOCAL.USA.NA eom

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1973. RB364 New Workers CKLIST 1/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:46:23 UTC
From: enge@almaden.ibm.COM
Message-ID: <199502112347.PAA07526@ucsd.edu>
Source record: 252223

Bid: $RACESBUL.364
Subject: RB364 New Workers CKLIST 1/2

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

RB364 for release 2/6/95
SUBJECT: MGT - POLICY - NEW WORKER'S CHECKLIST PT 1/2

Adopted from industry, the following supervisors checklist for
new workers can apply to government workers -- both paid and
unpaid. It is suggested that particular attention be placed
in applying these guidelines to the unpaid staff.
They can only help improve your organization.

1. Get ready to receive the new worker:
____ Assure that the written application is complete, law
enforcement check successfully accomplished, photographs
taken and I.D. card processed.
____ Review his/her work experience, education, and training.
____ Have an up-to-date description of his/her job or a list
of duties.
____ Have his/her workspace and supplies ready.

2. Welcome the new worker:
____ Put him/her at ease.
____ Indicate your relationship to the new worker.
____ Define who is his/her immediate supervisor.
____ Assign him/her to desk, operating position, work area, or
site and supplies.

3. Show genuine interest in the worker:
____ Discuss his/her background and interests.
____ Inquire about his/her transportation. Is it suitable for
field assignments if necessary?
____ Review work related tax deductions, particularly for
unpaid workers.

4. Explain the work of the unit, using organization/functional
and position/personnel charts:

____ Describe the function.
____ Indicate his/her position in the unit.

5. Introduce him/her to the chief of the unit and his/her coworkers:
____ Indicate to each coworkers the new worker's duties.
____ Explain the duties of each person to whom he/she is introduced.

(continues next week)
-- -- --
ACS Addresses: 2800 Meadowview Rd., Sacramento, CA. 95832.
Ph: 916-262-1600. FAX 916-262-1677. Landline BBS: 916-262-1657.
W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.
eom

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1974. RB362 RACES Benefits???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-11 23:46:35 UTC
From: enge@almaden.ibm.COM
Message-ID: <199502112348.PAA07543@ucsd.edu>
Source record: 252224

Bid: $RACESBUL.362
Subject: RB362 RACES Benefits???

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: AMATEURS U.S (@USA: INFORMATION), CAP, MARS, RACES
FROM: AUXILIARY COMMUNICATIONS SERVICE (ACS) of the Governor's
Office of Emergency Services; the volunteer communications
reserve of the State of California.

RB 362 for release 1/23/95
SUBJECT: OPS - INCIDENTAL RACES BENEFITS

Query: do the benefits to RACES participants of a county program
such as a credit union conflict with FCC Amateur Radio Service
rules?

Reply: The FCC rules do not apply to Amateurs for the use of a
credit union by participants in a county benefit program as a
result of a RACES program in and by that county. What it does do
is to seek to prevent Amateur licensees from using the Amateur
Radio Service FREQUENCIES incorrectly. It's not the Amateur
LICENSE per se that the FCC is interested in, it's the improper
use of Amateur Service FREQUENCIES it wants to avoid; i.e.,
pecuniary interest or pay for use of the AMATEUR frequencies
(or any use of other frequencies improperly.)

Incidental benefits -- such as the optional use of a credit
union, or an employers continuation of one's salary, and
provision of workers compensation or insurance coverage for
disaster service workers -- are not a violation of the FCC rules.
None of this conflicts with a FCC regulation because the pay is
incidential to the work, not in compensation FOR the use of the
Amateur Radio Service frequencies.

Other examples include compensation for mileage, lodging and
meals by a jurisdiction while doing emergency response work.
Likewise, hundreds of licensed amateurs operate equipment on
either business or government frequencies with no difficulty from
the FCC. Again, it's not the license, but the use of Amateur
frequencies that is the issue.

An interesting paradox is the one where private or government
employees can be released from their jobs to assist IN AN

emergency and continue to receive pay while they are at the volunteer disaster work. As a result, some ACS/RACES people may actually receive salaries from their employer while on duty operating on the Amateur frequencies during an emergency. Unfortunately, there are people highly perturbed at the fact that they are unpaid while they work alongside others who are paid for their time while doing the same emergency response work. However, the problem really isn't the situation, but what they THINK about it. It disturbs them for one or more of several reasons, one of which could be that they'd like to have the same "goodie", which some would describe as envy.

Amateur Radio participants who cannot raise their mental standard of acceptance and participation above that of miscontent over such factors don't belong in the unit. Terminate or discharge them! They may not like that, but it's best for the overall morale of the unit; and in a way, it has a chance of helping that person in ways he or she may someday discern.
-- -- --
ACS Addresses: 2800 Meadowview Rd., Sacramento, CA. 95832.
Ph: 916-262-1600. FAX 916-262-1677. Landline BBS: 916-262-1657.
W6SIG@WA6NWE.CA or Internet crm@oes.ca.gov or seh@oes.ca.gov.
[Bulletin BBS Origination W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM]
eom

RACES Bulletins are archived on the Internet at ftp.ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The opinions stated are those of the author of the bulletin and not the poster.

1975. Re: Grid location?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 00:20:18 UTC
From: mack@ncifcrf.gov
Message-ID: <D3v29u.AKA@ncifcrf.gov>
Source record: 252225

In article <17341D2A6S86.R0264@info.onet.edu> R0264@info.onet.edu writes:
>In article <199502062142.QAA15283@rock.me.mtu.edu>
>dmgillah@mtu.EDU (David Gillahan) writes:
>
>>
>>Howdy....
>>I was wondering how you find out your grid location. Mine right now
>>is EN57RC but I only know that because some one told me.

snip

>One of the ARRL publications, listed in every QST, is called something
>like "The Maidenhead Grid Locater". It is quite thorough in explanation,
>along with complete maps of the world. It has nothing to do with
>virginity though. -- Phil, AA8JO.
5~
Maidenhead - a most unfortunate name, it must have been named in
a different ago. That was the location of the meeting place where
the system was agreed upon. I notice it's called just plain
"grid locator" here.

How it works - the world is divided up into 2deg x 1 deg "squares"
(the oblong shape of the "squares" comes about because even though the
earth is the same shape in all orientations, it is 360deg
around the middle and 180 from top to bottom). This gives you the
first two characters (EN). The big squares are divided sensibly into
1/10ths, ie 0.2x0.1 deg squares giving the "57". Then, in the
spirit of trying to get away from the horrific
predecimal disaster of deg/min/secs, the "57" square is divided
into 1/24ths (you were expecting 1/10ths again - are you crazy?)
the obvious 0.008333x0.004166 deg square giving you the "rc"
part of your locator (usually lower case).

So you just have to know your lat/lon in multiples of
0.004166 deg and there you have it.

(mutter mutter, alright so its 30 mins of arc. Still,
it's a real pain coding to handle data that's in deg/min/secs and
we shouldn't have to use a system like that anymore.)

Joe Mack NA3T FM19rx
mack@ncifcrf.gov

1976. HAMFEST-ROCK ISLAND IL 2-19-95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 02:42:02 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3hjshq$g4l@blue.weeg.uiowa.edu>
Source record: 252226

```
HAMFEST
QCCA Expo Center
2621 4th Ave.
Rock Island IL

2-19-95

7:30 AM - 3:30 PM
```

1977. Mods for New TH79D

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 02:43:41 UTC
From: caldwe33@futures.wharton.upenn.edu
Message-ID: <3hjskt$p74@netnews.upenn.edu>
Source record: 252227

Are the mods the same for the new TH-79D? Could someone please post the current/old but still working mods?

Sean

1978. Kentrol + SkedMan WWW Site back online

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 02:59:16 UTC
From: Brian Gilhuly VE3BGB <brian@kentrol.synapse.net>
Message-ID: <3hjti4$ceq@sentinel.synapse.net>
Source record: 252078
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,uk.radio.amateur,rec.radio.amateur.digital.misc

To all who tried to access the Kentrol Web pages last week and got an error message: Please come back; it's working now!

My Internet provider had a major crash on Feb.5, and the Web server was out of action until Feb.10. The crash was just a couple of days after the release announcements for Kentrol 5.0 and SkedMan, so lots of folks have been denied the opportunity to see just how good computerized rig control has gotten.

All is well again so you can read about, preview and download the best in hamware with this URL:

http://www.synapse.net/Kentrol/Kentrol.html

There is also an archive of Kentrol and SkedMan executaables and documentation accessible by anonymous ftp, located at:

ftp.synapse.net/shareware/kentrol/

We're glad to be back.

73 de Brian

1979. ARRL E-MAIL ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 03:10:29 UTC
From: S965544@UMSLVMA.UMSL.EDU
Message-ID: <17342129C5.S965544@UMSLVMA.UMSL.EDU>
Source record: 252079

Can anyone tell me if the ARRL has an e-mail address, and if they do, what it is? Please respond directly, as my nnr reader is unreliable and I'm not always able to read this group every day. Thanks.

Bill Johnson
<s965544@umslvma.umsl.edu>

1980. AD370 Active Antenna Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 04:25:27 UTC
From: dplemmon@millenium.texas.net
Message-ID: <3hk2jn$4m0@empire.texas.net>
Source record: 252080

Has anyone every used the AD370 active antenna sold thru EEB. I live in an apartment so am stuck with various makeshift small antenna solutions. I heard this was one of the best - is it? Thanks in advance.

1981. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 06:05:19 UTC
From: dts@peanut.senie.com
Message-ID: <3hk8fi$s43@nic.iii.net>
Source record: 252081

In article <D2v84G.10A@swcp.com>, Jay Miller <miller@swcp.com> wrote:
)Just read the "Albuquerque Journal", Jan. 23, 1995 & low and behold an
)article from some University Telecomm Expert saying the Internet is
)replacing Amateur Radio in emergency communications, siting several
)instances during the earthquake in Kobe. First , the landlines were down,
)into & out of Kobe. The Official Japanese (Radio Japan-English Broadcast)
)statements (paraphrased) was that this was an internal problem & they
)would handle the rescue efforts. Sure there were some SAR Dog Teams
)enroute, however, even the Internet was Kaputt, directly into the
)affected area.

Ummm. The University at Kobe has been up all along. Their Internet connection survived, and they were able to get a web site up with pictures of the goings on, and so forth.

In the California quake (most recent one) the Internet lines were generally still up. Perhaps hams should look upon this as an opportunity, and use the net, where still up, as a medium for Heath and Welfare traffic. VHF and UHF radio for tactical use in the affected area is quite helpful. Long haul HF for traffic handling is of questionable use in a situation like Kobe. VHF and UHF channels (or 75/80 meters in a pinch) are adequate to reach outside of a relatively localized disaster, and from there the normal phone lines and network resources can be employed.

)Next, with over 1.5 Million Hams in Japan, why would they
)need anyone's help, outside of Japan ? Health & Welfare messages are
)prioritized, mainly outgoing first, incoming is much later & the last
)thing You need is thousands of non-Japanese speaking Personal, within the
)affected area, because they too, could become victims. OK , You flamers,
)ignite Your' torches & let's see some intelligent verbage around this
)subject. I don't see Internet as a competitor, I see it complementing.
^^^^^^^^^^^^^^^^^^^^^^^^

Precisely. Hams are generally effective COMMUNICATORS. It does not matter what mode of transport is used for those messages, not what radio frequency network, or whatever. Use what's available and IMPROVISE! That's what we are supposed to be good at.

)We need to educate these People within the Media, that we all have the very
)same end goal. To assist , when called upon, during an emergency. hey,
)telephones have been around for about as long as radio, and it is not a
)competitor.

Dan
--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

1982. I Need KL7 on 160m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 07:02:15 UTC
From: tigger@prairienet.org
Message-ID: <3hkbpn$g98@vixen.cso.uiuc.edu>
Source record: 252082

Hi, folks-

I'm looking for a station in Alaska that has 160m capability. I'm going for 160m WAS and that's the LAST one I need.

My station is beyond simple...100w to a 40m dipole thru a tuner. That's why it's so special to me to get the award.

Just got the card for my KH6 QSO today!

Anybody in KL7 read this group?

73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/286 cfmd
Updated: 11 Feb 1995 Latest New One: ZL9GD
Support congressional funding for Public Broadcasting!

1983. Re: Wanted: MOD for Alinco DJ180

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 07:02:43 UTC
From: JHGK51C@prodigy.com
Message-ID: <3hkbqj$vk4@usenetw1.news.prodigy.com>
Source record: 252083

Don't believe it!
1. The DJ180 is not just a 2 meter rig. As shipped it receives from 137 to 174 MHz.

2. I modified one for a friend and it works just fine. Alinco runs a wire near the battery interface and it is the only wire around. Cut that wire and the rig will transmit on all above frequencies. Wonder why they ran that wire there so conveniently?

Rod W6MWB
-
ROD MCLENNAN JHGK51C@prodigy.com

1984. Re: DJ-180TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 07:12:41 UTC
From: JHGK51C@prodigy.com
Message-ID: <3hkcd9$e3u@usenetw1.news.prodigy.com>
Source record: 252084

The DJ-180 is a very nice uncomplicated radio. I bought one for my wife. Since this radio like many others that have wide band reception and gather a great deal of intermod, I like the tone decode feature that comes standard. The only thing I miss (and not much) is a reverse frequency switch to check repeater inputs. I have three other friends that own the DJ-180 and they are also pleased.

73 Rod

-
ROD MCLENNAN JHGK51C@prodigy.com

1985. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 08:49:29 UTC
From: graham@peachy.apana.org.au
Message-ID: <3hki2p$cik@peachy.apana.org.au>
Source record: 252085
Cross-posted to: aus.radio,rec.radio.amateur.misc

Richard Murnane (richardm@zeta.org.au) wrote:
: In article <3hfig2$341@peachy.apana.org.au>,
: Graham Broadbridge <graham@peachy.apana.org.au> wrote:
: >Just let me say, that preparing a report in a professional manner, and
: >behaving same seems to beyond the WIA and its spokepersons at the moment.

: Would you care to elaborate on this comment?

Why?

It's quite clear from the WIA on-air behaviour.

: >Lost cause.

: Not worth spending the price of a stamp you reckon? To borrow a line from
: a letter to the Sydney Morning Herald this week, if 4,000 woodchip
: workers can change Paul Keating's policy on woodchipping, why can't
: 18,000 Amateurs have a similar effect?

How many woodchip workers are there. Have you even bothered to attempt to
calculate 4000 as a percentage of the whole group?

: (Answer: because so many can't be bothered to get up off their backsides
: and write a letter of protest)

Exactly.

: >If you can't afford that, do it my way, simply refuse to renew your license.

: Yeah, be a pirate - that's very constructive Graham.

Your 'read between the lines message editor' is doing overtime. I in no
way promulgated pirate operations. Read what I said.

: >Some have said that this is exactly what they want :-) Ok they've got it.
: >I simply refuse to pay $70 odd bucks for what is a hobby, and not a very
: >good one anymore anyway.

: It's only as good as you make it, you know. Anyway, there's always CB,
: which is now free of licence fees. Have fun.

No, it's what others make it. Tried listening to 2m recently? Now have a
listen to the deafening silence on 70cm and 23cm. It's not me killing the
hobby, it's the apathy of many others. FYI, I am setting up a 9600 bps
packet internet gateway on 70 cm, so I'm doing my part.

: >Everything once possible over AR has now been replaced by the Internet.

: Send me email from a cave, from a hot-air baloon, or while in freefall from
: 10,000 feet, and I'll maybe I'll give up AR too.

This is already possible in quite a few areas using commercial telephone modems on cellular radio. In a (very) few years it will be possible from anywhere on the globe using direct satellite feeds to mobile phones.

: PS I don't seem to be able to find any Broadbridges in the callbook (last
: year,s admittedly). Can we take it, Graham, that you're not really a
: licenced Amateur, or are you just giving up after only a year?

Well, you've obviously not looked very hard :-) I'm certainly in last years call book, and have been in every callboook since I was first licensed in 1981. This may possibly be the last year though, if the new fees go through.

--
+---+
Graham Broadbridge Internet <graham@peachy.apana.org.au>
Marsfield NSW amprnet <vk2yui@vk2yui.ampr.org>
Australia
+---+

1986. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 11:43:35 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3hks97$mtj@cat.cis.Brown.EDU>
Source record: 252086

In article <3hehc4$6i1@paperboy.ids.net>, <ricktjader@ids.net> wrote:

>It turns out that he was NOT using a HAM radio after all. He was using a stolen D.E.M. radio (according to
>friends of mine at D.E.M. in Rhode Island).

It was first thought he was using a DEM radio that was part of a group
stolen several months ago. It was later discovered that he was using a
modified ham handheld.

MD

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

1987. What are these signals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 13:00:22 UTC
From: krisn3rqt@aol.com
Message-ID: <3hl0p6$et3@newsbf02.news.aol.com>
Source record: 252087

Can someone fill me in on the origin of these CW signals:

"VVV VVV VVV DE SXA 33 SXA 33 SXA 33 K" on 3.712 Mhz
and
"VVV VVV VVV DE CTP CTP CTP QSX 46812 MHZ" on 3.782 Mhz

The strings are sent repeatedly like a beacon.

Tnx es 73, Kris

1988. 10 Meters is Open

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 13:17:35 UTC
From: newmedia@teleport.com
Message-ID: <newmedia.35.000D4B68@teleport.com>
Source record: 252106

Sunday, 2/12/95, 2000 UTZ, 10 meters appears open for short skip this morning.
Enjoy.
Jim Swenson, K7EZW, Portland.

1989. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 13:40:53 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb12.134053.9788@ke4zv.atl.ga.us>
Source record: 252088

In article <1995Feb11.210329.6827@rgfn.epcc.edu> ad283@rgfn.epcc.edu (David J Greiner) writes:
>I received the HTX-404 for christmas and was wondering why everytime I tell
>another Ham that this is what I got they give me a funny look and tell me I
>should of got the HTX-202? Is there something wrong with the 70cm band or
>something? I wanted the 404, because I read an article that was saying how
>crowded the 2m band was and how alot of people are going over to the 70cm, so I
>thought the 404 would be the better radio for the future. Was I mistaken? I
>would apreciate anyones response to this issue. I am new to ham radio so I
>don't know as much as most of you.

70 cm is a wonderful band, but depending on the part of the country
in which you live, it can be a closed and hostile world, or a warm
and welcoming one. The repeater culture really is different in different
parts of the country. In California, you'll find almost all of the machines
closed. Here in the Southeast, you'll find a warm welcome.

Two meters is becoming crowded compared to 70 cm, though neither band
is anywhere near full. Traditionally, 2 meter repeaters have tended to
be basic club machines, either open to all or open to anyone who wants
to join the supporting club. On 70 cm you'll find more machines erected
by individuals or small groups for their own purposes. In some areas,
you won't be welcone. In other areas you will. It would have been a
good idea to talk to a bunch of the locals first before making your
purchase. 70 cm activity and friendliness varies a lot by locality.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1990. Re: What are these signals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 13:49:13 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3hl3kp$4s@acme.freenet.columbus.oh.us>
Source record: 252089

Kris N3RQT (krisn3rqt@aol.com) wrote:

: Can someone fill me in on the origin of these CW signals:
:
: "VVV VVV VVV DE SXA 33 SXA 33 SXA 33 K" on 3.712 Mhz
: and
: "VVV VVV VVV DE CTP CTP CTP QSX 46812 MHZ" on 3.782 Mhz

: The strings are sent repeatedly like a beacon.

: Tnx es 73, Kris
These are from coastal stations, the first Greek, in Pireaus, the
second Portuguese, in Oreais. Both are operated by the respective
navies. The 80 meter band is not amateur world-wide.
73 and GL Gerry K8EF@W8CQK.OH.USA.NA

1991. Mods for IC-728?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 15:48:10 UTC
From: oh5jei@mail.freenet.hut.fi
Message-ID: <3hlajq$82r@freenet.hut.fi>
Source record: 252090

Does anyone know how to broadband the transmitter of the Icom IC-728?
Someone said that the D8 on PLL-board would help, but on my version
it's no good. Any other alternatives?

If someone can answer my question, please send your answer to
oh5jei@freenet.hut.fi

73's de Jani, OH5JEI

1992. Re: MFJ1278 es Multicom

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 15:59:08 UTC
From: bryant6634@aol.com
Message-ID: <3hlb8c$gdq@newsbf02.news.aol.com>
Source record: 252091

Hi Russ,

I have the same TNC & Software.... I cannot use the SSTV part of it.....
it doesn't like my video card.... they are using something "hardcoded" for
other than mine.... I have a Genoa, TSENG 1mb 16.7m color video.....

As to the COPY PROTECTION..... I'm not sure of the purpose myself,
especially, since you can install it on you machine, then send in the
disks, and THEY will un-copy protect it for free..... Seems like a silly
waste of time..... Especially, when there is nothing to write home about
with this software.....

I've since reverted back to TELIX to control it..... The only thing I
lose it the SSTV functionality....
Consider that, or your favorite landline comm software as an
alternative.....

Bryan

1993. Re: beginner info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 16:16:47 UTC
From: george@news.epix.net
Message-ID: <3hlc9f$mk7@grape.epix.net>
Source record: 252092

Yes the tapes are a wonderful idea!
You will both begin to recognize Morse as a seperate Aural language
rather than a translation of your native tounge. You may wish to contact
a group called handi hams that can help with talking radios for your son.
I believe that the Kenwood 850 does this already (give freqs etc) in code.
Also make sure the VE team you go to test with is and will be
understanding of your sons special needs what ever they may be.

Good luck
GC

reed wedler (rsw6@pge.com) wrote:

: I'm interested in getting into amateur radio and am looking for suggestions on
: learning code. My son who is blind will be learning with me so I believe audio
: tapes are probably the best way to go for us (also allows me to utilize my
: forty mnute commute time).

: Any suggestions from those of you who've done it will be very much
: apprectiated.

: Any suggestions from blind / VI hams on adaptive equipment or other relevant
: topics would also be very welcome.

: Thanks,
: Reed

: rsw6@pge.com (reed wedler)
: My views and opinions are independant of my employer's.

--
****
* George Cook AA3JU Bangor, PA FN21 *
* george@peach.epix.net AA3JU@N3IQD.EPA.USA.NA *
****

1994. Re: What are these signals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 16:28:22 UTC
From: george@news.epix.net
Message-ID: <3hlcv6$mk7@grape.epix.net>
Source record: 252093

These arre maritime beacons the CTP one is from portugal and tells ships
to tune to FREQ xxxx.
I am not sure about the other one but it is a beacon
gc

Kris N3RQT (krisn3rqt@aol.com) wrote:

: Can someone fill me in on the origin of these CW signals:
:
: "VVV VVV VVV DE SXA 33 SXA 33 SXA 33 K" on 3.712 Mhz
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: Tnx es 73, Kris

--
****
* George Cook AA3JU Bangor, PA FN21 *
* george@peach.epix.net AA3JU@N3IQD.EPA.USA.NA *
****

1995. Noise Cancellation

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 16:32:26 UTC
From: RAFI@BGUVMS.BGU.AC.IL
Message-ID: <199502121552.HAA02946@ucsd.edu>
Source record: 252094

The in flight shopping magazine in the seat pocket in front of you (if you are reading this in the air) has an interesting ad for noise cancellation earphones from a company called "Noise Cancellation Technology".

Looks interesting. Does anyone have an address / tel no / fax no for these people??? I bet some hams work there....

Please reply direct.

Earl 4Z4TJ
(no disclaimers)

1996. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 16:50:37 UTC
From: Jrouse@ix.netcom.com
Message-ID: <3hle8t$gbh@ixnews2.ix.netcom.com>
Source record: 252095

In <3hk8fi$s43@nic.iii.net> dts@peanut.senie.com (Daniel Senie) writes:

>
>In article <D2v84G.10A@swcp.com>, Jay Miller <miller@swcp.com> wrote:
>)Just read the "Albuquerque Journal", Jan. 23, 1995 & low and behold an
>)article from some University Telecomm Expert saying the Internet is
>)replacing Amateur Radio in emergency communications, siting several
>)instances during the earthquake in Kobe. First , the landlines were
down,
>)into & out of Kobe. The Official Japanese (Radio Japan-English
Broadcast)
>)statements (paraphrased) was that this was an internal problem & they
>)would handle the rescue efforts. Sure there were some SAR Dog Teams
>)enroute, however, even the Internet was Kaputt, directly into the
>)affected area.
>
>Ummm. The University at Kobe has been up all along. Their Internet
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>survived, and they were able to get a web site up with pictures of the
>goings on, and so forth.
>
>In the California quake (most recent one) the Internet lines were
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>still up. Perhaps hams should look upon this as an opportunity, and use
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>net, where still up, as a medium for Heath and Welfare traffic. VHF and
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>radio for tactical use in the affected area is quite helpful. Long haul
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Kobe.
>VHF and UHF channels (or 75/80 meters in a pinch) are adequate to reach
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>)affected area, because they too, could become victims. OK , You
flamers,
>)ignite Your' torches & let's see some intelligent verbage around this
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> ^^^^^^^^^^^^^^^^^^^^^^^^

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>what mode of transport is used for those messages, not what radio
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very
>)same end goal. To assist , when called upon, during an emergency. hey,
>)telephones have been around for about as long as radio, and it is not
a
>)competitor.
>
>Dan
>--
>--
>Daniel Senie Internet: dan@senie.com,
n1jeb@senie.com
>Daniel Senie Consulting http://www.senie.com
>508-779-0439 Packet Radio: N1JEB@KA1SRD.MA
>

Anti-ham bias in media? No, I don't think so. I'm a newspaper editor and it has been my observation over the years that far too many editors simply don't have a clue as to what ham radio actually is. There's confusion with, ahem, CB radio and myriad other radio-oriented outlets. I've found that when an editor actually realizes what we as hams do, he or she is more than eager to jump on the story. Before casting aspersions on the media, let's ask ourselves whether the major ham organization, the ARRL, does an acceptable job of providing the media with the "story" of ham radio. I don't think it does, but, in all honesty, it's a big challenge. As hams, we all know what great and wondrous folks we are, but to the average city editor or news editor working on a story in which ham radio is somehow involved, it's all totally obscure and very confusing. If local ham radio clubs made an effort to visit their local newspapers to have a chat with the editors, things would likely improve. It's easy to blame the press for everything, but it's also usually wrong.....
73 de John, KA3DBN

John L. Rouse Packet: ka3dbn @ ka3rfe.md.usa.noa
Capital-Gazette Communications Fax: (301)464-7027
jrouse@dc.infi.net Phone: (301) 262-3700
jrouse@ix.netcom.com (410) 268-5000

1997. 14.313 - Comedy Central

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 16:55:03 UTC
From: rbellville@aol.com
Message-ID: <3hleh7$h1f@newsbf02.news.aol.com>
Source record: 252096

Out of the empty ether, the cold void of space, comes a voice... a desperate voice, exclaiming his admiration for his fellow man. A constant in this unpredicatable universe we call home. This voice, known to some, unknown to many, screeches from his microphone..."Herbie-baby number one!" <grin>

If it didn't tarnish our image as US hams it would be pretty humourous. I would like to be paid the dollar amount of all the energy used on that frequency to play these games. I'd be in the Virgin Islands soaking up the sun for sure!

Just a random piece of gray matter flowing to my fingers...

1998. Re: ARRL E-MAIL ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 17:02:53 UTC
From: tstader@tiac.net
Message-ID: <tstader-1202951202530001@si.tiac.net>
Source record: 252097

In article <17342129C5.S965544@UMSLVMA.UMSL.EDU>, S965544@UMSLVMA.UMSL.EDU
wrote:

> Can anyone tell me if the ARRL has an e-mail address, and if they do, what it
> is? Please respond directly, as my nnr reader is unreliable and I'm not always
> able to read this group every day. Thanks.
>
> Bill Johnson
> <s965544@umslvma.umsl.edu>

Bill... send e-mail to:

info@arrl.org

and in the text block type:

help

for instructions on how to use the ARRL Info Server. The ARRL does have
e-mail addresses in their listing of files... plus lots and lots of other
good info.

73 for now.... c u on the shortwaves
Terry Stader - KA8SCP
America Online Ham Radio Club Host
Macintosh Ham Radio Software List Maintainer
Internet: tstader@aol.com (e-mail only) or
tstader@si.tiac.net (binaries/files >28K)
KA8SCP@WA1PHY.#EMA.MA.USA.NOAM
ka8scp@ka8scp.ampr.org [44.56.4.82]

1999. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 17:16:43 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D3wDBv.L4C@zeno.fit.edu>
Source record: 252098

In article <3hle8t$gbh@ixnews2.ix.netcom.com>,
John Rouse <Jrouse@ix.netcom.com> wrote:

>Anti-ham bias in media? No, I don't think so. I'm a newspaper editor and
>it has been my observation over the years that far too many editors
>simply don't have a clue as to what ham radio actually is. There's
>confusion with, ahem, CB radio and myriad other radio-oriented outlets.
>I've found that when an editor actually realizes what we as hams do, he
>or she is more than eager to jump on the story. Before casting
>aspersions on the media, let's ask ourselves whether the major ham
>organization, the ARRL, does an acceptable job of providing the media
>with the "story" of ham radio. I don't think it does, but, in all
>honesty, it's a big challenge. As hams, we all know what great and
>wondrous folks we are, but to the average city editor or news editor
>working on a story in which ham radio is somehow involved, it's all
>totally obscure and very confusing. If local ham radio clubs made an
>effort to visit their local newspapers to have a chat with the editors,
>things would likely improve. It's easy to blame the press for
>everything, but it's also usually wrong.....
>73 de John, KA3DBN

it's also important when you get a meeting, to not get tied up in the
personal problems people may have with the paper. over the years, i've
seen people complain that their activity isn't being covered..but then
you investigate and you find out the organizers didn't even send out
a notice until a day or two ahead..and of course, they write to complain
about lack of coverage plus gripe about the way the news in general is
covered.

>
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2000. Re: Older Equip. For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 18:52:56 UTC
From: Pgpewitt@execpc.com
Message-ID: <3hlle8$mr0@homer.alpha.net>
Source record: 252099

In <3hin5s$28l@newsbf02.news.aol.com>, rwick@aol.com (RWick) writes:
>I have an older Heathkit receiver, transmitter and some other equip scope,
>meters that I would like to sell. Any advice on where and how to go about
>it?
Just post it in rec.radio.swap or in this group. Some people will complain about posting for sale or trade in this group and in rec.radio.amateur.equipment but I enjoy reading such posts and I see plenty in both groups. I have gotten several good deals from postings here and hope to get many more. Keep it in good taste and ham or radio related and ignore the "net police". Looking forward to seeing your post. 73

Gary Pewitt N9ZSV gpewitt@execpc.com
I'm from the government, I'm here to help you.

2001. Qst on the news stand

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 19:25:18 UTC
From: William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.rockwell.COM
Message-ID: <199502121930.LAA15479@ucsd.edu>
Source record: 252100

?Depending on how you look at it, I'm either a cheap skate who won't
?pay the admission price to join the ARRL, or I'm idignant at that price
?of admission. Bottom line: I get my QST monthly at the news stand. The
?cover format has changed a bit to align the publication more with
?regular stand copy. Looks good, though (my opinion)
?
?--Craig Nicholson - KW9R - Currently in California

humm....league membership is like $30-$35 a year. I'd bet the newsstand price
is about twice that per year (or about $5 an issue or so).

but if you want to pay MORE...go right ahead...

bill wb9ivr

2002. Foothill

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 19:46:49 UTC
From: dave@flowserver.stem.com
Message-ID: <9502121941.AA19606@flowserver.stem.com>
Source record: 252101

Hey, is anyone going to Foothill next month for the opening of the
'fest season? How early you gonna head out? I'm thinking of joining
the "flashlight" crew! I need to find a mobile rig and a few
odds and ends....

73 de dave, n9uxu
:wq

2003. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 20:00:44 UTC
From: douglas213@aol.com
Message-ID: <3hlpdc$j9c@newsbf02.news.aol.com>
Source record: 252102

From: rawiley@blue.weeg.uiowa.edu (R. Wiley)
Date: 29 Jan 1995 02:35:32 -0600
Message-ID: <3gfk0k$vlq@blue.weeg.uiowa.edu>

little@iamu.chi.dec.com (Todd Little) writes:

>|>The black lead to your radio is the negative lead. It is parallel
>|>to the mounting bracket and coax shield.

>And becomes the return path to the battery if the connection from the
>battery to the chassis is broken and the connection from your radio's
>power lead is still attached to the battery terminal. Now instead
>of the current flowing from the chassis to the grand strap to the
>battery terminal, it flows from the chassis, through whatever
>part of your radio system is grounded, i.e. antenna coax, mounting
>bracket, etc., and then finally through the power lead of your radio
>to the battery terminal.

:And then the fuse in the power lead opens.

:NE0R

Yes, after it has traveled through your radio to get there!
--

Doug Davis
ec925@cleveland.freenet.edu
Douglas213@aol.com

The opinions expressed here are my ex-wife's.

2004. Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 20:08:44 UTC
From: cdrom.info@infoplus.uu.holonet.net
Message-ID: <9502121350134887@infoplus.uu.holonet.net>
Source record: 252103

```
NEW VERSION! - Published February 1994
--------------------------------------
Ham Radio CDROM with Windows based Callsign Database
----------------------------------------------------

Information Plus sells a superb Ham Radio CDROM featuring:

* Callsign Database with Windows, DOS, OS/2, UNIX interfaces

* Thousands of PC compatible Amateur Radio Programs

* Radio Modifications, WAV files for TNC Testing

For more information send email to cdrom.info@infoplus.uu.holonet.net

NOTE: Subject line should include the text HAM
```

2005. Please post pics of sweaty fat hair lipped naked ham holding Telefunkin U-47 with leather.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 21:05:57 UTC
From: kato@qnet.com
Message-ID: <3hlt7l$ob8@mandolin.qnet.com>
Source record: 252104

```
Yer in big trouble if you read this message.
boycott HRO
I'm telling your wife.
73 de having more fun than you.
```

2006. Dayton info query

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 21:16:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23973.7585.0NFB9284@woodybbs.com>
Source record: 252105

DL>Does anyone know how I can get a program for the Dayton HamVention
>and/or who is the editor/publisher?

In the past, they've been pretty 'tight' with giving out the real
PROGRAM booklets out early (e.g. before the HamVention), but I'd suggest
you write to:

HamVention Publications Chariman
P.O. Box 964
Dayton OH 45401-0964

74 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

2007. BirmingHAMfest '95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 21:23:30 UTC
From: wa4fat@aol.com
Message-ID: <3hlu8i$kat@newsbf02.news.aol.com>
Source record: 252107

=====> ANNOUNCING <=====

BirmingHAMfest - Hamfest and Computer Show
May 20 - 21
Birmingham-Jefferson Civic Center
Birmingham, Alabama

* Door and Show Prizes Totaling over $5,000
* Forums and Discussion Groups Both Days
* Amateur Radio License Testing (Sunday)
* Non-Ham Activities
* Commercial Vendors
* Giant Flea Market
* Radio Control and Model Airplane Displays and Dealers
* An Abundance of Fine Southern Hospitality

Don't miss the Southeast's first BIG Hamfest of the year!

For additional information, E-mail BHAMFEST95@AOL.COM

73!

Bill Levey - WA4FAT
AAE Bandmaster
205/967-6122 Voice
205/970-0622 Fax

2008. Re: Grid location?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 21:26:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23974.7585.0NFB9285@woodybbs.com>
Source record: 252108

FM>In article <199502062142.QAA15283@rock.me.mtu.edu>, dmgillah@mtu.EDU
>(David Gillahan) wrote:
>> I was wondering how you find out your grid location.

FM>I believe that the ARRL has a booklet describing Grid Squares, and
>showing some maps. Also, there are several computer programs that
>can convert between lattitude/longitude and the "Maidenhead" grid
>coordinate system. (Named after Maidenhead, England.)

FM>I found one such program, called GRID.COM, at the ARRL BBS. It runs
>on an MS-DOS machine. In case you can decode UU-encoded files, it is
>small enough to include a copy below. If you're lucky, your mail
>program may decode it as an "attachment" to this message!

David:

I have three (3) such programs, all of which will run under QBasic which comes with MS-DOS 5.0 and above. You are welcome to all/any. I'd include them here, but I don't know the mail group's rules on posting program code. None are all that long, I don't think, but I don't want to run afoul of the moderator. Maybe someone will let me know and I can post them a bit later, if you are interested. Otherwise, I'll be happy to send you a diskette containing the programs, both source code AND compiled into stand-alone .EXE files, if you will send me your mailing address.

Be sure the mention what you want in any reply... I have a REALLY SHORT memory... too much RF...!

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

2009. Re: Need help with Micor (440) transmit section...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 22:18:06 UTC
From: bote@access.digex.net
Message-ID: <bote.792627363@access3>
Source record: 252109

bote@access.digex.net (John Boteler) writes:
>For the ham split you want a TFE6213A.

That's confirmed. Sicho added some length to the
higher split coils in the radio I have here on the bench.

--

rec.nude: Closed for remodeling. Will reopen when Nikkicraft is excised.
finger bote@access.digex.net for PGP key to encrypt email to me.

2010. Re: I Need KL7 on 160m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 22:29:08 UTC
From: jma@ih4gp508.ih.att.com
Message-ID: <D3wrsK.KMs@ssbunews.ih.att.com>
Source record: 252110

In article <3hkbpn$g98@vixen.cso.uiuc.edu>,
Sean E. Kutzko <tigger@prairienet.org> wrote:
>
>
>Hi, folks-
>
>I'm looking for a station in Alaska that has 160m capability. I'm going
>for 160m WAS and that's the LAST one I need.
>
>My station is beyond simple...100w to a 40m dipole thru a tuner. That's
>why it's so special to me to get the award.
>
>Just got the card for my KH6 QSO today!
>
>Anybody in KL7 read this group?

Yeah, me too. Been stuck at 49 confirmed for > 10 years! Sure would like
to see a "KL7 QSO party" on 160 sometime.

>
>73,
>
>Sean
>--
>Sean Kutzko Amateur Radio: KF9PL
>Urbana, IL DXCC:304 worked/286 cfmd
>Updated: 11 Feb 1995 Latest New One: ZL9GD
> ***Support congressional funding for Public Broadcasting!***

Support elimination of taxpayer support of gov't broadcasting

--
Ed Schaefer jma@ih4gp.att.com ham radio: K9JMA aviation: N97178

2011. Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 23:08:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23975.7585.0NFB9286@woodybbs.com>
Source record: 252111

BO>What is a gin pole used for and how does one use it?

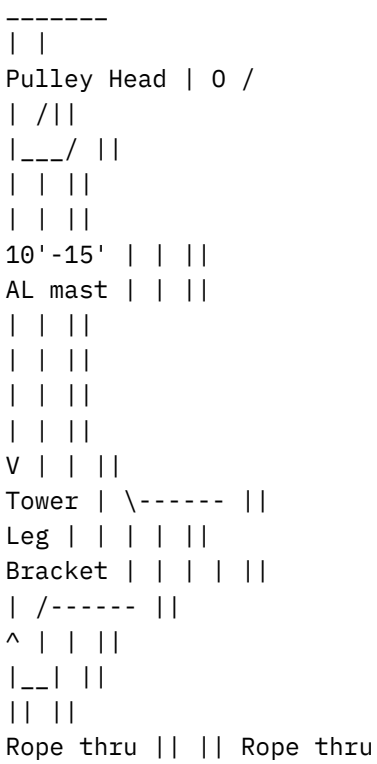
A gin pole is, basically, a 10'-15' mast (usually aluminum) with a pulley at the top and a clamp bracket at the bottom. The clamp bracket is designed such that the mast can be slid up/down within the bracket and secured at any position within the bracket (e.g. at the bottom, the top, or anywhere in between).

The Gin Pole attaches to a leg of of your tower. When it is attached to a tower leg (at the TOP of the topmost tower section) , the mast is normally in its 'lowered' postition. Once attached to the tower leg, the mast is raised and secured from dropping back down thru the bracket.

Once in position, AND with a heavy rope fed through the pulley, running down to the ground (both ends!), the next section of tower is attached to one end of the gin pole rope and workers on the ground pull the tower section up to the top of the tower where the tower man places the section into position. You reverse the process if you are disassembling a tower.

The gin pole makes tower installation a LOT less of a drudge. It also makes it easeir for you to retrieve that socket wrench you just dropped!

Hope this helps.



mast to gnd || || thru pulley to gnd

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

2012. Re: how to properly use a

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 23:14:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23976.7585.0NFB9287@woodybbs.com>
Source record: 252112

ST>The standard is to wire the paddle to send dits with the thumb and
>dahs with the finger. So for a right-handed person dits are the
>left paddle and dahs are the right. For a lefty, it is reversed.

ST>Did anyone ever produce a left-handed semi-automatic mechanical
>keyer (bug)?

Yep... I'm a 'lefty' and been using a keyer (AND bug) wired "righty" for
30+ years now... wouldn't have it any other way!

If you're a lefty, and learn to send lefty, then you'll not have much
luck sending with the other 70% or so of the hams who have righty-wired
paddles or bugs!!!!! Learn to send righty with your left hand, if
you're left-handed and enjoy it. It's no different than learning to
send lefty since you've not developed any bad habits (or dependencies)
yet.

Then, once you become 'comfortable' with sending lefty with a right-
handed paddle/bug, teach yourself to send with your right hand, too...
Takes time, but then you can send righty and continue to write with your
left hand without changing from paddle to pencil.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

2013. IPS Daily Report - 12 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-12 23:34:55 UTC
From: rwc@corona.syd.ips.oz.au
Message-ID: <1995Feb12.233455.22199@ips.oz.au>
Source record: 252113
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 12/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 12 FEBRUARY AND FORECAST FOR 13 FEBRUARY - 15 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 81/22

GOES satellite data for 11 Feb
Daily Proton Fluence >1 MeV: 4.1E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 3.8E+06 (normal)
X-ray background: A5.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
13 Feb 14 Feb 15 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 13 Feb: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active

Estimated Indices : A K Observed A Index 11 Feb
Learmonth 19 4224 3443
Fredericksburg 16 20
Planetary 20 20

Observed Kp for 11 Feb: 2253 5333
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
13 Feb 18 Active
14 Feb 12 Unsettled
15 Feb 10 Quiet to unsettled
COMMENT: Active levels expected again for today, then declining to
unsettled.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
12 Feb normal fair fair-poor
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
13 Feb normal fair poor
14 Feb normal normal fair
15 Feb normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
12 Feb -13 about 15% below predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
13 Feb 5 Depressed 10 to 15%/near predicted monthly values
14 Feb 15 Near predicted monthly values
15 Feb 15 Near predicted monthly values
COMMENT: IPS HF Communications Warning 5 was issued on 11 February
and is current for interval 11-13 February. MUFs at Townsville were
depressed early in UT day then recovered. Hobart MUFs were depressed
15-30% all day, yesterday. Depressed conditions are not expected
today for Northern Australia comms. Mild depressions are possible
for first half of UT day today for southern Australia region.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

2014. Morse Code Computer Games?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 00:48:47 UTC
From: rickhz@indirect.com
Message-ID: <D3wy9B.n12@indirect.com>
Source record: 252114

Does anyone know of any P.C. based computer games
to teach morse code? I would like this to help teach
kids. Any help would be appreciated.
Thanks, Rick
AB7FH
rickhz@indirect.com

2015. SuperMorse Text file

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 01:27:00 UTC
From: tom.hammond@woodybbs.com
Message-ID: <93.23977.7585.0NFB9288@woodybbs.com>
Source record: 252115

```
ST>but what I'd really like is something with pro-signs and
>punctuation limited to the character set of SuperMorse.

I hope you'll find the program I've attached to the bottom of this
message helpful. It's in ASCII format, can be easily edited with the
DOS EDIT utility (or any other ASCII file editor), just remove the lines
ABOVE the start of the program and then SAVE it under the name
GROUPS.BAS, then run it under QBasic, QuickBASIC, MS_BASIC7, or most
other 'modern' BASIC's.

ST>The fallback is to simply take any text file and make the necessary
>changes. Before I do resort to this, does anyone have what I'm
>looking for?

FWIW - I also have several files of nothing but CALLSIGNS (10,000 to
20,000 calls per file, US and DX). If you want something like this
(GREAT practice working on copying calls and NUMBERS)., send me a 3.5"
disk, a mailer, and some postage (even Canadian will do) and I'll get it
back to you a.s.a.p.

73 - Tom Hammond N0SS

----------8<-------- cut here ----------->8--------

CONST DSN$ = "GROUPS.BAS"
CONST Author$ = "Tom Hammond, N0SS"
CONST Version$ = "1.00"
CONST Revised$ = "02-12-95"

DECLARE FUNCTION GetGroup$ ()
DECLARE FUNCTION RndNr% (LowerBound%, UpperBound%)

'RUNs under QBasic/QuickBASIC/MS-BASIC7/and others

'Does nothing more than generate an ASCII text file
'containing random-length (not to exceed 10 characters)
'groups of characters and prosigns normally used in
'common Amateur Radio Morse Code communications.

'The 'special' characters used to indicate prosigns are
'those used in SuperMorse v4.15 and may be changed to
'suit the user's software.

'Worth every cent you paid for it.

'Free, fast, bug-free... take your pick.

DEFINT A-Z
```

```
'Define each character sets
CONST AlphaList$ = "ABCDEFGHIJKLMNOPQRSTUVWXYZ"
CONST NumList$ = "0123456789"
CONST PuncList$ = ".,?/-"
' __ __ __ __ __
' BT="=" SK="$" AR="@" KN="#" AS="!"
CONST ProSgnList$ = "=$@#!"

DIM SHARED CharList$, CharListLen

'Build a single list by concatenating the individual lists
CharList$ = AlphaList$ + NumList$ + PuncList$ + ProSgnList$
CharListLen = LEN(CharList$)

LinesPerFile = 100 ' # lines to be written to ASCII file
MaxLineLength = 50 ' maximum length of each line of text

CLS
LOCATE 12, 1
PRINT "Enter a valid DOS filename for the output file: ";
COLOR 15
INPUT "", FileOut$
COLOR 7

CLS
LOCATE 12, 13
PRINT "Lines of text created: (Press any <key> to abort)"
COLOR 15

OPEN FileOut$ FOR OUTPUT AS #1

PRINT #1, "VVV VVV RANDOM CHARACTERS FOLLOW ! "
PRINT #1, ""

FOR LineNr = 1 TO LinesPerFile
LOCATE 12, 36
PRINT LineNr

Text$ = ""

DO
Text$ = Text$ + GetGroup$
IF LEN(Text$) >= MaxLineLength THEN
PRINT #1, LEFT$(Text$, MaxLineLength)
PRINT #1, ""
EXIT DO
END IF
LOOP

IF LEN(INKEY$) THEN GOTO CloseFiles

NEXT

CloseFiles:
PRINT #1, " $ DE N0SS"
```

```
PRINT #1, CHR$(26);
CLOSE #1
END

FUNCTION GetGroup$
Group$ = ""
FOR GroupLen = 1 TO RndNr(1, 10)
ChrToPick = RndNr(1, CharListLen)
Group$ = Group$ + MID$(CharList$, ChrToPick, 1)
NEXT
GetGroup$ = Group$ + " " 'Add a <Space> to end of group
END FUNCTION

FUNCTION RndNr% (LowerBound%, UpperBound%)
RANDOMIZE TIMER
RndNr = INT((UpperBound - LowerBound + 1) * RND + LowerBound)
' Where UpperBound is the HIGHEST number in the range,
' and LowerBound is the LOWEST number in the range.
END FUNCTION
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)
```

2016. Re: I Need KL7 on 160m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 01:27:56 UTC
From: w8fn@aol.com
Message-ID: <3hmcis$nkl@newsbf02.news.aol.com>
Source record: 252116

KL7Y can usually be counted on to appear in most 160 meter contests & DX Tests. Propagation from that part of the world on 160 is quite bad. Best time to look here in the midwest (Ohio) seems to be about 0600-0900 GMT. It took me about six years of sitting on 49 to get my 160M WAS. Good luck

73... Randy, W8FN

2017. FS: Tranceiver + Accesories

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 01:34:20 UTC
From: aschnut@uoft02.utoledo.edu
Message-ID: <D3x0D8.IG8@utnetw.utoledo.edu>
Source record: 252117
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi, I have the following for sale. I'd like to sell all
of this together, but I'll consider any offers. Basically
this stuff is taking up space, and I could really use the money.
Here's what I have:

Swan Cygnet 270B 10-80 mtr. tranceiver w/hand mic
Heathkit Dual HF Wattmeter HM-2140
10 mtr. dipole antenna w/about 15-20 ft. of coax (less connector)

The Swan is in really good condition. It needs a new
tube or two since the output power has decreased over the
few years I've had it. This rig was primarily used on the 10
mtr. band. $275 + shipping for everything. If you have
any questions about any of the equipment, feel free to
e-mail me. Thanks!

- aaron -

aschnut@uoft02.utoledo.edu

2018. Re: Dental fillings and radio signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 02:49:50 UTC
From: tindall@mercury.interpath.net
Message-ID: <3hmhce$6l1@mercury.interpath.net>
Source record: 252118
Cross-posted to: alt.folklore.science,alt.folklore.urban,rec.radio.amateur.misc

>This is the similar to the notion that occasionally people pick up old
>TV programs that have bounced off some distant galaxy and are just now
>reaching back to earth.

In the 1970s there was much discussion in the amateur radio press
and elsewhere about "LDE's" (Long-Delayed Echoes) -- radio signals
that were heard several seconds after they were transmitted (much
longer than it would have taken them to propagate around the world
a few times or even bounce off the moon). Have these ever been
explained or debunked?

73 de N4JIU
--
P. O. Box 447, Morrisville NC 27560 USA.

2019. Re: question on K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 03:12:29 UTC
From: horrock@aol.com
Message-ID: <3hmimt$pc8@newsbf02.news.aol.com>
Source record: 252119

Gentleman,
Since I started this thread, please let me end the thread.

I and Jeff (stateside Jeff) have talked (e-mail) and I am fine with
the outcome. There is no reason to continue this thread.

Please DO NOT reply anymore on this topic, in the newsgroup.

End of Thread.

2020. Re: 14.313 - Comedy Central

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 03:41:53 UTC
From: HWDX09A@prodigy.com
Message-ID: <3hmke1$stu@usenetw1.news.prodigy.com>
Source record: 252120

What is better yet is to see that for the first time in many years
the FCC is taking some action and has announced that they will
be holding a public hearing on the renewal application of KV4FZ
to operate as an amateur radio operator and to maintain a station
under that callsign.

I would suspect that if the matter has reached such a point it is a
foregone conclusion that the FCC questions the merits of granting
the renewal.

This may well take at least one of the actors in this comedy off
the air for good.

73, Bob, WB2DIN

2021. Re: Matchall

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 04:12:15 UTC
From: Rick Williams <willi_r@mail.uwlax.edu>
Message-ID: <3hmm6v$22m@alfred.acs.uwlax.edu>
Source record: 252050

bfleet@mbl.edu (Barry Fleet) wrote:
>
> I'm looking for any and all input on the remote automatic antenna matcher
> called the Matchall. It's made by a outfit in Fla., tnx for any input.
> reply to fleet@mbl.edu
I would suggest not getting any device that is not truly an efficient
antenna matching device. There is a company and I believe they were
in FL that had a Maxcon matching device which is actually a dummy
load in a very well made box for a very, very, high price. I makes
the swr look great the the transmitter end looking into the cable.
But you loose better than 90% of your power in order to get the
tradeoff.

2022. Re: RF MODEM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 04:39:28 UTC
From: knutson@unipc20.unimed.sintef.no
Message-ID: <3hmnq0$olc@ugle.unit.no>
Source record: 252121

Paul Newell (pnewell@earthlight.co.nz) wrote:
: I am looking for a circuit for an RS232 to RF modem.
: I want to transmit data in one direction only at about 600 baud.
: Any ideas?
: Paul Newell

use a TCM3105 (the same chip as in the baycom modem). You may want to add a RS232 driver as well. The TCM3105 data sheet should be information enough to construct the modem. The chip can be programmed for all the standard baudrates up to 1200 baud.

Regards, Gunnar Knutson (knutson@pvv.unit.no)

2023. Mods for the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 05:33:00 UTC
From: ad283@rgfn.epcc.edu
Message-ID: <1995Feb13.053300.9642@rgfn.epcc.edu>
Source record: 252122

I was wondering if anyone knew of any mods for the HTX-404?

Thanks.
--
David Greiner
ad283@rgfn.epcc.edu

What the hell are you looking at.

2024. 147.435 [X-Rated Repeater]

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 06:04:44 UTC
From: Tim Thompson <70003.6341@CompuServe.COM>
Message-ID: <3hmspt$599$1@mhadf.production.compuserve.com>
Source record: 252123

Anyone out there familiar with the above?

WH6CSG

2025. Re: IC-255A

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 07:52:25 UTC
From: rdonnell@eskimo.com
Message-ID: <v-mFlWml14YV078yn@eskimo.com>
Source record: 252124

In article <8A353EA.00CB00251C.uuout@camel.com>,
robert.brandon@camel.com (ROBERT BRANDON) wrote:
> I'm interested in your 2m rig but am not familiar with that model. When
> was it made? How many memories? Does it do tones? Does it have DTMF? Any
> DTMF memories? 73, Robert WD5AAT
>
>
> ---
> * UniQWK v3.3a* The Windows Mail Reader
>

As I recall - 3 memories - and power must be maintained to the radio to keep the memories alive. No sub-audible tone. I think that radio came with a touchtone mike. It was built in about 1978-1980 timeframe. One thing it should be good for is modification to 9600 bps packet, if it's internal design resemebles the IC-260 multi-mode sold at the same time, and with the same physical appearance.

Hope that helps. 73, Bob

--

| Bob Donnell, KD7NM bob@ethanac.kd7nm.ampr.org rdonnell@eskimo.com |
| Western Washington Amateur IP Address Coordinator (206) 775-3651 |

2026. Used Equipment Help?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 10:31:08 UTC
From: ad283@rgfn.epcc.edu
Message-ID: <1995Feb13.103108.6670@rgfn.epcc.edu>
Source record: 252125

I was wondering if anyone had the addresses or phone # to some good dealers in used equipment. Hopefully some you have already dealed with, and gotten a good deal.

Thanks.
--
David Greiner
ad283@rgfn.epcc.edu

What the hell are you looking at.

2027. Re: Subject: 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 11:57:00 UTC
From: poa01@cc.keele.ac.uk
Message-ID: <3hnhec$js0@gabriel.keele.ac.uk>
Source record: 252126

VEKINIS Peter (pve@dg13.cec.BE) wrote:

: In reply to the message posted by Robert.Brandon:

: In France and in Europe in general, 2 meter band is channelized:
: Start at 145.600 go to 145.775 every 25KHz, -600KHz split.
: Also start at 145.6125 and go to 145.7865, every 25KHz also -600KHz split.

SNIP
Peter, KC1QF/ON9CGV

While Peter correctly sets out the normal West European pattern -
except that UK doesn't use the second 12.5 kHz block - I think
you will find that a number of French repeaters operate on
non-standard channels lower in the band.

Martin G3USF

2028. Re: I Need KL7 on 160m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 15:27:38 UTC
From: jayk@fc.hp.com
Message-ID: <3hntpa$hp9@tadpole.fc.hp.com>
Source record: 252127

: Hi, folks-
: I'm looking for a station in Alaska that has 160m capability.
: 73,
: Sean
: --
: Sean Kutzko Amateur Radio: KF9PL

Out of 1038 160m QSOs in the ARRL 160 test in December this is the only KL7 that I worked.

3-Dec-94 0624Z #453 160 KL7Y 599 AK AK 2

Dan KL7Y shows up in quite a few contests. Also KL7RA and another NL7?? also frequently show up during contests. It just so happens that the ARRL CW DX Contest is this weekend. Bet a KL7 or two will be on.

73, Jay K0GU jayk@fc.hp.com

2029. Need Info: MFJ-1270B

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 18:02:57 UTC
From: Paul Cormier <Y6HJ@UNB.CA>
Message-ID: <13FEB95.15173129.0078@Proteus.CSD.UNB.CA>
Source record: 252028
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

I'm looking for a diagram to build a cable to connect my MFJ-1270B to
an Alinco DJ-580 handheld.

Could someone either Email me the info, or tell me where I could
get it.

Thank You, =-=
| InterNet: Y6HJ@unb.ca <OR> PCORMIER@compubbs.com |
Paul Cormier | FidoNet: (1:255/20) Data: (506) 735-3831 [v32b] |
=-=

2030. Re: Foothill

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 18:15:49 UTC
From: rkarlqu@scd.hp.com
Message-ID: <3ho7kl$a9t@hpscit.sc.hp.com>
Source record: 252029

In article <9502121941.AA19606@flowserver.stem.com>,
David Adams <dave@flowserver.stem.com> wrote:
>Hey, is anyone going to Foothill next month for the opening of the
>'fest season? How early you gonna head out? I'm thinking of joining
>the "flashlight" crew! I need to find a mobile rig and a few
>odds and ends....
>
>73 de dave, n9uxu
>:wq

See you about 4:00

Rick N6RK

2031. Sick Kenwood TS-440s-at (HELP)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 18:51:54 UTC
From: robert.npsc@xci.xerox.com
Message-ID: <1995Feb13.184356.7364@news.wrc.xerox.com>
Source record: 252030

Help kenwood TS-440
I have a sick kenwood TS-440s at.
the problem it has is this .
when I power on the radio the display stays blank for about 30 seconds.
and there is no receive audio.
the interesting this is if I leave the radio power switch on and turn on the power supply
the display lights up and there is receive audio.

any suggestions would be appreciated .

Please reply by email to robert.npsc@xci.xerox.com

Thanks Robert Christiansen (VE3NTE)
Email (work) Robert.npsc@xci.xerox.com

2032. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 19:12:15 UTC
From: md@maxcy2.pstc.brown.edu
Message-ID: <3hoauf$q3m@cat.cis.Brown.EDU>
Source record: 252031

In article <3ho9vd$h0t@ixnews3.ix.netcom.com>,
mjsilva@ix.netcom.com (michael silva) writes:

|> I disagree. I think it would matter a great deal. Much (most?) of what
|> is taken as anti-no-code feeling is, I believe, anti-no-theory
|> annoyance. In my case, I have only a weak attachment to CW as a test
|> element, but strongly believe that any ham with "full Extra privileges
|> above 30 MHz", as someone oddly put it recently, should have some idea
|> what's going on inside their Yaecomwood.

Well said. Too bad any effort required to get a license in amateur radio
today is considered "unfair". "It's my RIGHT! Hey, I mean, I'm BREATHING,
aren't I?"

MD (Providence Tag Team Member #1)
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

2033. BAYCOM - current version???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 19:56:00 UTC
From: tom.alldread@kbsbbs.com
Message-ID: <9502131820451731 2@kbsbbs.com>
Source record: 252032

Greetings All:

Just wondering if anyone has the following BAYCOM information:

1) What is the current MS-DOS version?

2) An Internet FTP address it can be obtained from?

3) Any source(s) of bare PC boards and/or kits to build the modem from?

73 de VE7TMA

---
* QMPro 1.53 * Very Best Regards, tom.alldread@kbsbbs.com

2034. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 21:06:59 UTC
From: richardm@zeta.org.au
Message-ID: <3hohlj$jmb@godzilla.zeta.org.au>
Source record: 252033
Cross-posted to: aus.radio,rec.radio.amateur.misc

In article <3hki2p$cik@peachy.apana.org.au>,
Graham Broadbridge <graham@peachy.apana.org.au> wrote:
>Richard Murnane (richardm@zeta.org.au) wrote:
>: Would you care to elaborate on this comment?
>
>Why?
>
>It's quite clear from the WIA on-air behaviour.

I was hoping you'd detail precisely what on-air behaviour to which you're
referring. I think it compares quite well to that of the A-Team mob
during the same period last year.

>How many woodchip workers are there. Have you even bothered to attempt to
>calculate 4000 as a percentage of the whole group?

I don't think the percentage is all that relevant - do you think that ONE
woodchipper would have had the same impact?

>: (Answer: because so many can't be bothered to get up off their backsides
>: and write a letter of protest)
>
>Exactly.

It's a shame that some people dont think it's worth spending a little
time and a few dollar to do a bit of lobbying, to svae us from (or at
least reduce) an unjustified fee hike, the first of many to come, I might
add.

>
>: >If you can't afford that, do it my way, simply refuse to renew your license.
>
>: Yeah, be a pirate - that's very constructive Graham.
>
>Your 'read between the lines message editor' is doing overtime. I in no
>way promulgated pirate operations. Read what I said.

You said you won't renew your licence. You are either going to give up
transmitting on Amateur Radio altogether or operate without a licence as
a pirate. Judging by your later comments, I suspect the latter. You
weren't suggesting that we all give up Amateur Radio, now were you?

>: It's only as good as you make it, you know. Anyway, there's always CB,
>: which is now free of licence fees. Have fun.
>
>No, it's what others make it.

You depend on OTHERS to determine the worth of your hobby? Hmmm.

> Tried listening to 2m recently? Now have a
>listen to the deafening silence on 70cm and 23cm. It's not me killing the
>hobby, it's the apathy of many others.

When I said "apathy", I was referring to people taking enough interest in the hobby to put pressure on the SMA over the fee increase. The silence on the bands is as much a function of the amount of spare time people have at the time you happen to be listening. We can't all spend the entire day on the radio (much as we'd like to :-)

> FYI, I am setting up a 9600 bps
>packet internet gateway on 70 cm, so I'm doing my part.

Will you still be running this when your current licence expires?

>: PS I don't seem to be able to find any Broadbridges in the callbook (last
>: year,s admittedly). Can we take it, Graham, that you're not really a
>: licenced Amateur, or are you just giving up after only a year?
>
>Well, you've obviously not looked very hard :-) I'm certainly in last years
>call book, and have been in every callboook since I was first licensed in
>1981. This may possibly be the last year though, if the new fees go
>through.

I stand corrected - you're not on last February's callbook-on-disk.
Still, I hope you'll spend some of the money you might otherwise size by not paying your next licence fee, to write the SMA and pollies.

What have you got to lose?

73 Richard VK2SKY

2035. Re: Dental fillings and radio signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 21:08:58 UTC
From: bls@Eng.Sun.COM
Message-ID: <3hohpa$8rs@engnews2.Eng.Sun.COM>
Source record: 252034
Cross-posted to: alt.folklore.science,alt.folklore.urban,rec.radio.amateur.misc

tindall@mercury.interpath.net (Bruce Tindall) writes:
> In the 1970s there was much discussion in the amateur radio press and
> elsewhere about "LDE's" (Long-Delayed Echoes) -- radio signals that
> were heard several seconds after they were transmitted (much longer
> than it would have taken them to propagate around the world a few times
> or even bounce off the moon). Have these ever been explained or
> debunked?

A couple of guesses from a non-ham:

1) If the signal is coming from a tape being broadcast, print-through.
When tape is wound onto a spool, the magnetism of one layer can
influence the magnetism of the next. Cassette tapes travel at 1.75
inch/sec, as I recall, so at the very start of a tape, adjacent layers
will be 2-3 seconds apart.

2) Pranksters.

--
Brian Scearce bls@sector7g.eng.sun.com
The entire software industry runs on coffee just as much as it runs
on electricity. -- Dan Sorenson

2036. Packet radio - Web sites?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 21:28:08 UTC
From: Ian Dutton <ai96@solo.pipex.com>
Message-ID: <3hoit8$2dk@vent.pipex.net>
Source record: 252035

Can anyone identify good Web sites for packet radio, please? It would be much appreciated; hope to hear from you.

Ian Dutton

2037. ARLB015 ARRL President hospitalized

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 21:41:37 UTC
From: w1aw@arrl.org
Message-ID: <$arlb015.1995@ampr.org>
Source record: 252036
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB015
ARLB015 ARRL President hospitalized

ZCZC AG81
QST de W1AW
ARRL Bulletin 15 ARLB015
From ARRL Headquarters
Newington CT February 13, 1995
To all radio amateurs

SB QST ARL ARLB015
ARLB015 ARRL President hospitalized

ARRL President Hospitalized

ARRL President George Wilson, W4OYI, suffered a stroke February 11
while in Washington, DC, on League business. Doctors are still
evaluating his condition.
NNNN
/EX
```

2038. Mods for the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 22:35:30 UTC
From: unique@mcube.com
Message-ID: <7757-295858501@mcube.com>
Source record: 252037

IA>I was wondering if anyone knew of any mods for the HTX-404?
IA>David Greiner
IA>ad283@rgfn.epcc.edu

You do not make any modes to the Realistic Handhelds the 202 and the 404. The are controlled by a chip and you would have to remove the chip dump the info unencrpt the encrepted code and then rewrite encrypt and reburn and it may work but not likely. If you find this tough to believe call tech services in Fort worth of Maxxon in Korea where they are built. Just remember this is one of the most propritory companys in exsitence with the exception of Packard Bell computers.

UNIQUE@MCUBE.COM

--
Mainframes, Minis & Micros | Desert Jewel BBS & Online Mall
5630 District Blvd. #114 | Telnet to 204.212.36.4
Bakersfield, CA 93313 | FTP to 204.212.36.4
LandLine == 800-949-1959 | WWW to http:\\www@204.212.36.4

2039. Re: 10 Meters is Open

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 22:48:39 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <3honk7$ega@mozo.cc.purdue.edu>
Source record: 252038

newmedia@teleport.com (Jim Swenson) writes:

>Sunday, 2/12/95, 2000 UTZ, 10 meters appears open for short skip this morning.
>Enjoy.
>Jim Swenson, K7EZW, Portland.

"Open" isn't the word for it. Blessed relief, maybe. :-)

I actually heard Hawaii on 10M (back here in Indiana) for the first
time in ......oh, I'd bet nearly two years. Twas WH6DY or DZ...can't recall.
I heard several other hams comment that they had worked into New Zealand,
which I didn't hear but again, it's been a while.

The closure of that opening was wierd, too. From my QTH it went
from dynamite to ZERO in less than 5 minutes. Probably closer to about
2 minutes. Everything from 28.3 to 28.5 was dead, just that fast.

Couple more openings like that and I might make my 10-10 VP
before the next cycle starts..... :-)

Duane
wb9omc

2040. Ham Web Pages?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:01:33 UTC
From: valleyj@polaris.net
Message-ID: <3hoocd$pum@nexus.polaris.net>
Source record: 252039

Good day to all. I'm in the process of making my own web page and I wonder if anyone has or can point me to some good WWW pages dealing with or containing topics on Amateur Radio? Mail would be great but, I'll check the group also. Thanks, in advance, for your time!

73 de KE4AUT
Jeffrey
--
Jeffrey M. Valley
valleyj@romulus.housing.fsu.edu
valleyj@polaris.net

2041. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:07:30 UTC
From: dbushong@wang.com
Message-ID: <D3yo8J.KDu@wang.com>
Source record: 252040

jangus@skyld.grendel.com (Jeffrey D. Angus) writes:

>In article <2a6.5838.545@acenet.com> brian.carling@acenet.com writes:

> > Your messages are deliberately offensive. The FBI and FCC are interested
> > [bla bla bla]

> > [...] in this obnoxious, desperate
> > behavior.

> Really? Cite the exact law that I broke. [...]

Hey - take it to email, guys.

--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

2042. Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:11:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6119.545@acenet.com>
Source record: 252041

Newsgroups: rec.radio.amateur.misc

JDA> Really? Cite the exact law that I broke.

Too lazy to look it up yourself? Call the FCC at their new (800)
number. Tell them that you are a bum who likes to spout filth over the
airwaves, and that you regularly use the 7 forbidden words over the
airwaves and on the Internet, to deliberately show off and try to prove
how manly you are, and that you are incapable of this antisocial
behavior. Then ask them the exact law that you are breaking. They will
gladly tell you.

JDA> I'm glad you found my message offensive. I find your messages equally
JDA> offensive.

I am sorry you are getting such a thrill out of deliberately offending
others. It must really be great to be such a macho cool guy who can get
so much attention by cussing and arguing! Get a life!

JDA> My phone number is below along with my mailing address. (As they are in
JDA> all of my posts.)

I have no desire to talk on the phone with you. Obviously another
attempt to get attention. I don't need you to give me your address
I can get it any time, but I don't want it thanks!

JDA>Put up, or shut up.

Ooooh! I'm SOOOOO scared! Gee, I better get OFF of here and shut up real
fast!! I can see Internetters scattering off of the Newsgroup in all
directions as "Jeffrey" durn well tells them where to go!

JDA> Apparently no one has a problem with this except for you Brian. (Except
JDA> for a few other clueless oafs that seem to think that they are net.cops
JDA> by profession.)

I will not lower myself to your petty juvenile name-calling Jeff.
This is the last message you will get from me about this. And I will no
longer read your pathetic posts. You are SOOOO dense if you don't
realize that you are offending many others who no longer bother to read
your excrement! Why did you bother to become a radio amateur if your
main purpose is to annoy and offend others. Seems really silly.

The founding fathers never had your kind of talk in mind when they
wrote the First Amendment. Your abusive behavior threatens freedom
more than it promotes it. Free speech doesn't mean that you yell
"FIRE!" in a crowded theater Jeffrey!

TWITFILE = ADD JEFFREY D. ANGUS

2043. Re: 147.435 [X-Rated Repeater]

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:12:01 UTC
From: dbushong@wang.com
Message-ID: <D3yoG2.KKI@wang.com>
Source record: 252042

Tim Thompson <70003.6341@CompuServe.COM> writes:

>Anyone out there familiar with the above?

In California, anything's possible (even an X-rated repeater on a
simplex freq).

Dave, KZ1O
ex-WN6CSK

--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

2044. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:13:04 UTC
From: Tony_Pelliccio@brown.edu
Message-ID: <Tony_Pelliccio-130295181438@tonto-slip15.cis.brown.edu>
Source record: 252043

In article <1995Feb13.151943@merlin.ecid.cig.mot.com>,
donaldb@merlin.ecid.cig.mot.com (Bill Donald) wrote:

> In article <1995Feb7.123653.23764@arrl.org>, ehare@arrl.org (Ed Hare (KA1CV)) writes:
> |> David R Tucker (drt@world.std.com) wrote:
> |>
> |> : And now some news: My wife, Angela, a quite intelligent woman, gave up
> |> : her entire weekend to study for the exam, and is now officially N1UEZ.
> |> : She won't be using the radio much, but she'll be legal when she does.
> |> : Therefore, in her honor, I hereby ban, enjoin, and entirely forbid all
> |> : derogatory comments about "clueless" Technician licensees throughout
> |> : USENET! :-)
> |>
> |> I would enjoy USENET even more than I do if all of the inflammatory comments
> |> about different classes of people were lost in the bit bucket. If this is
> |> an opportunity to vote, I vote in the affirmative!!!
> |>
> |> 73, Ed
> |> --
> |> Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
> |> 203-666-1541 ehare@arrl.org

So in essence what Ed is saying is that he doesn't mind discussion, so long
as there are no dissenting opinions?

>
>
> Well said Ed. Happily we don't have too much of this "I'm a Class A and your a
> Class B" rubbish here in the UK. I suppose that's because the only academic
> difference between the two is the Morse test.
>
>
> Bill G7ENQ

Probably because they did it right in the UK.

--
== Tony Pelliccio, KD1NR, VE ARRL/W5YI Tel. (401) 863-1880
== Box 1908, Providence, RI 02912 Fax. (401) 863-2269
== Providence Tag Team Member #2

2045. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:15:00 UTC
From: Tony_Pelliccio@brown.edu
Message-ID: <Tony_Pelliccio-130295181721@tonto-slip15.cis.brown.edu>
Source record: 252044

In article <1995Feb7.123653.23764@arrl.org>, ehare@arrl.org (Ed Hare (KA1CV)) wrote:

> David R Tucker (drt@world.std.com) wrote:
>
> : And now some news: My wife, Angela, a quite intelligent woman, gave up
> : her entire weekend to study for the exam, and is now officially N1UEZ.
> : She won't be using the radio much, but she'll be legal when she does.
> : Therefore, in her honor, I hereby ban, enjoin, and entirely forbid all
> : derogatory comments about "clueless" Technician licensees throughout
> : USENET! :-)
>
> I would enjoy USENET even more than I do if all of the inflammatory comments
> about different classes of people were lost in the bit bucket. If this is
> an opportunity to vote, I vote in the affirmative!!!
>
> 73, Ed
> --
> Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
> 203-666-1541 ehare@arrl.org

Uh oh. You're following the league's appropriate posting guidelines aren't you Ed?

Face it, you're just a League Lapdog.

--
== Tony Pelliccio, KD1NR, VE ARRL/W5YI Tel. (401) 863-1880
== Box 1908, Providence, RI 02912 Fax. (401) 863-2269
== Providence Tag Team Member #2

2046. Help for blind friend

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-13 23:51:00 UTC
From: c_prewitt@emulex.COM
Message-ID: <2F3FF069@msgate.emulex.com>
Source record: 252045

I have a blind friend who would like to get back on packet. In the past he would run all of his ASCII data through a Street Electronics Corporation "ECHO" to a commodore 64. This device would attempt to speak each letter or try to say the word that was displayed on the screen. The ECHO has since died and thus leaving him off of the air.
My questions, Does anyone know if any of the sound cards do or have software to "brute force" each letter/word coming from the serial port? Is there any product that I might be able to use to replace the ECHO?
I have come up with an AT, keyboard and monitor etc. if an IBM type system is required.

Thanks, Chris WA6OQC
cprewitt@emulex.com

2047. Where can I find latest version of Geoclock??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 00:33:36 UTC
From: shustak@parkcomm.iii.net
Message-ID: <3hotpj$l0m@nic.iii.net>
Source record: 252046

I remember seeing a program called Geoclock, that allowed you to see where light and dark areas existed on the earth. The program also allowed you to get beam headings, and call sign IDs on stations. Does anyone know of an FTP site where this program exists?

Chris
N1AUP

2048. How long to get first lic

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 01:47:00 UTC
From: henry@woodlawn.com
Message-ID: <8A374DF.00D1000458.uuout@woodlawn.com>
Source record: 252047

References: <3hno4a$49v@ra.nrl.navy.mil>

DAVID DRUMHELLER writes...

-> This past weekend my brother passed the exam for the no-code techn
-> class license. So my question is...how long will it take for him to
-> his callsign? (I presume it will be an N3U?? callsign.)

I passed my tests on 21 January 1995, and it was filed electronically.
My license was issued by the FCC on 3 February (found out by calling
1-800-FCC-1117). I received the actual ticket in the mail on
9 February....N3UKQ

Regards, Henry Stryker
henry@woodlawn.com

* RM 1.3 01486 *

2049. Wisconsin QSO Party Announcement

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 03:33:16 UTC
From: wa9pov@earth.execpc.com
Message-ID: <3hp89s$ckm@earth.alpha.net>
Source record: 252048

DATE/TIME: 1800Z MARCH 12 - 0100Z MARCH 13, 1995

MODES: CW and Phone. All stations may be worked once per mode on
each band. In addition, mobiles may be worked once per mode
per Wisconsin county that they operate from. No Repeater QSOs.

ENTRY CLASSES

Single Operator Fixed Multi Operator Fixed Multi Xmtr/Multi Op Fixed
Single Operator Mobile Multi Operator Mobile Multi Xmtr/Multi Op Mobile
Single Operator Novice Multi Operator Novice Multi Xmtr/Multi Op Novice
Single Operator Tech Multi Operator Tech Multi Xmtr/Multi Op Tech

EXCHANGE: Wisconsin stations send county.
Non-Wisconsin stations send state or province or country.

SUGGESTED FREQUENCIES

CW: 3550, 3705, 7050, 7125, 14050, 15M CW, 10M CW, 6M CW, 2M CW
Phone: 3890, 7230, 14290, 21350, 28400, 6M SSB & FM, 2M SSB & FM
* * * * * * * * * * * * * Other frequencies may be used * * * * * * * * * * *

SCORING

Phone contacts count 1 QSO Point; CW contacts count 2 QSO Points.
WISCONSIN STATIONS: Multiply the sum of QSO points by the sum of Wisconsin
counties (max. 72), plus states (max. 50) plus Canadian provinces (max. 13)
worked. Note: DX countries worked count for QSO points but not as multipliers.
NON-WISCONSIN STATIONS: Multiply the sum of QSO points by the number of
Wisconsin counties worked (max.72).

BONUS: WISCONSIN MOBILES/PORTABLES: Add 500 bonus points for each county
that you operate from, outside your home county, with a minimum of 15
QSOs per county to qualify.

LOGS: Entries must contain a log consisting of: Time (GMT), call, band,
state/province, Wisconsin county, mode and a complete Score Summary
including YOUR name, address and call. Circle new multipliers as
worked. Logs containing more than 200 QSOs must be accompanied by a
dupe sheet (separate dupe sheet for each mode). Mobile entries must
indicate county changes in log. Postmark by March 31, 1995.

Send to: WISCONSIN QSO PARTY; WEST ALLIS RADIO AMATEUR CLUB;
P. O. BOX 1072; MILWAUKEE, WI 53201.

AWARDS

NON-WISCONSIN: Awards will be presented to the following:
a. Highest single operator score in the QSO Party.
b. Highest single operator score in each single operator category in each state/province.
WISCONSIN: Awards will be presented to the following
a. Highest single operator score in the QSO Party.
b. 10 highest single operator scores in each entry class.
c. Highest multi-operator score in each entry class.
d. Highest aggregate club score (club member stations to be located within 5O miles of the club, except for mobiles).
1995 WISCONSIN QSO PARTY
SCORE SUMMARY SHEET

Name_____Call_____

Address_____

City_____State/Province_____Zip _____

Home WI County _____Club Affiliation_____

ENTRY CLASS: __Single Op Fixed __Multi Op Fixed __Multi-Multi Fixed

__Single Op Mobile __Multi Op Mobile __Multi-Multi Mobile

__Single Op Novice __Multi Op Novice __Multi-Multi Novice

__Single Op Tech __Multi Op Tech __Multi-Multi Tech

WI Counties Worked From_____

_____

SCORING: CW QSOs _____ x 2 = _____ CW Points

Phone QSOs _____ x 1 = _____ Phone Points

Sum of CW + Phone Points = _____ QSO Points

Number of Multipliers = _____ Multipliers

Wis. Counties (Max. 72) _____

States (Max. 50) _____

Provinces (Max. 13) _____

QSO Points x Multipliers = _____ Points

Bonus Points = _____ Points

Final Score = _____ Points

I have read & followed the WISCONSIN QSO PARTY RULES to the best of my knowledge. (All OPERATORS must sign.)

Signature(s)_____

Date _____

To qualify, entries must be postmarked by March 31, 1995 and sent to: 1995 WISCONSIN QSO PARTY, WEST ALLIS RADIO AMATEUR CLUB, P. O. BOX 1072, MILWAUKEE, WI 53201. Entries may be disqualified if the QSO Party Rules are not followed. The decision of the Wisconsin QSO Party Rules Committee shall be final. Results will be published in Badger State Smoke Signals which will be sent to all entrants.

* * * SUGGESTED ABBREVIATIONS * * *

WISCONSIN COUNTIES

ADA Adams FLO Florence MAR Marathon RUS Rusk
ASH Ashland FON Fond du Lac MRN Marinette SAU Sauk
BAR Barron FOR Forest MRQ Marquette SAW Sawyer
BAY Bayfield GRA Grant MEN Menominee SHA Shawano
BRO Brown GRE Green MIL Milwaukee SHE Sheboygan
BUF Buffalo GRL Green Lake MON Monroe STC St Croix
BUR Burnett IOW Iowa OCO Oconto TAY Taylor
CAL Calumet IRO Iron ONE Oneida TRE Trempealeau
CHI Chippewa JAC Jackson OUT Outagamie VER Vernon
CLA Clark JEF Jefferson OZA Ozaukee VIL Vilas
COL Columbia JUN Juneau PEP Pepin WAL Walworth
CRA Crawford KEN Kenosha PIE Pierce WSB Washburn
DAN Dane KEW Kewaunee POL Polk WAS Washington
DOD Dodge LAC La Crosse POR Portage WAU Waukesha
DOO Door LAY Lafayette PRI Price WAP Waupaca
DOU Douglas LAN Langlade RAC Racine WSR Waushara
DUN Dunn LIN Lincoln RIC Richland WIN Winnebago
EAU Eau Claire MAN Manitowoc ROC Rock WOO Wood

STATES

AL Alabama LA Louisiana OH Ohio
AK Alaska MD Maryland/(D.C.) OK Oklahoma
AZ Arizona MA Massachusetts OR Oregon
AR Arkansas ME Maine PA Pennsylvania
CA California MI Michigan RI Rhode Island
CO Colorado MN Minnesota SC South Carolina
CT Connecticut MS Mississippi SD South Dakota
DE Delaware MO Missouri TN Tennessee
FL Florida MT Montana TX Texas
GA Georgia NE Nebraska UT Utah
HI Hawaii NV Nevada VT Vermont
IA Iowa NH New Hampshire VA Virginia
ID Idaho NJ New Jersey WA Washington
IL Illinois NM New Mexico WV West Virginia
IN Indiana NY New York WI Wisconsin
KS Kansas NC North Carolina WY Wyoming
KY Kentucky ND North Dakota

CANADIAN PROVINCES

ALB Alberta NEW Newfoundland PEI Prince Edward Island
BC British Columbia NWT Northwest Territory QUE Quebec
LAB Labrador NS Nova Scotia SAS Saskatchewan
MAN Manitoba ONT Ontario YT Yukon Territory
NB New Brunswick
Information on the West Allis Radio Amateur Club, Inc. and the Worked All Wisconsin Counties Award is available from http://www.execpc.com/WARAC.

David J. Knaus, WA9POV Email: wa9pov@execpc.com
Astronautics Corp. of America WWW: http://www.execpc.com/~wa9pov
Milwaukee, WI Packet: WA9POV@WA9POV.EN63FE.WI.USA.NOAM

2050. Worked All Wisconsin Counties Award Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 03:35:42 UTC
From: wa9pov@earth.execpc.com
Message-ID: <3hp8ee$d7s@earth.alpha.net>
Source record: 252049

WORKED ALL WISCONSIN COUNTIES AWARD

In conjunction with the 1995 Wisconsin QSO Party, scheduled to begin at 1800Z March 12, 1995, the West Allis Radio Amateur Club, Inc. wishes to announce the sponsorship of a WORKED ALL WISCONSIN COUNTIES Award. Only QSO's made after 1800Z March 12, 1995, are considered valid for the purposes of this Award. This Award will not end with the conclusion of the 1995 WQP but will be a continuing award.

This Award will be available to any licensed Amateur Radio Operator who submits a WAWC Application Form, listing CONFIRMED two-way QSO's with all of Wisconsin's 72 Counties. The WAWC Application Form must be signed by the applicant and verified by one other licensed Amateur, who is not related to the applicant. The West Allis RAC reserves the right to also request that QSL's be sent in for inspection, if any question is raised regarding confirmed QSO's.

Special endorsements for single band and/or single mode will be available if requested when submitting the WAWC Application Form.

The rules and application form for this award are available from the West Allis Radio Amateur Club, P. O. Box 1072, Milwaukee, WI 53201. The application must show the call, city and county of each station worked, date and time, mode and band, all arranged in alphabetical order by county. The application form, which is set up to provide that, must be used. All correspondence regarding the WAWC Award should be addressed to the Post Office Box.

Information on the Wisconsin QSO Party and the West Allis Radio Amateur Club, Inc. is available from http://www.execpc.com/WARAC.

David J. Knaus, WA9POV Email: wa9pov@execpc.com
Astronautics Corp. of America WWW: http://www.execpc.com/~wa9pov
Milwaukee, WI Packet: WA9POV@WA9POV.EN63FE.WI.USA.NOAM

2051. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 04:08:31 UTC
From: cmlong@mtu.edu
Message-ID: <3hpabv$flg@techsrv1.tech>
Source record: 252051

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: 70 cm is a wonderful band, but depending on the part of the country
: in which you live, it can be a closed and hostile world, or a warm
: and welcoming one. The repeater culture really is different in different
: parts of the country. In California, you'll find almost all of the machines
: closed. Here in the Southeast, you'll find a warm welcome.
:
Here in Michigan (at least in the upper penninsula (sp?) 70cm is open
and hardly anybody uses it. So when somebody does use it we welcome
them! Our club also runs it's own repeater on 444.500 Mhz with a
positive offset. It is open to anybody.

Mike
KB8WPE

--
/\
\ Michael Long || Public Relations Manager /
/ Callsign: KB8WPE || for HARC (W8YY) \
\ Email: cmlong@mtu.edu || Email: harc-l@mtu.edu /
/ Phone: (906)487-0204 || Majors: EET and EMT \
\/

2052. For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 04:59:02 UTC
From: gills@ix.netcom.com
Message-ID: <3hpdam$nod@ixnews1.ix.netcom.com>
Source record: 252052

I have an HTX 100 10M SSB xcvr for sale $100-

2053. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 08:18:21 UTC
From: rickmcm@delphi.com
Message-ID: <9502140318591.The_Win-D.rickmcm@delphi.com>
Source record: 252053

In article <3hpabv$flg@techsrv1.tech>, cmlong@mtu.edu (Mike) writes:
> Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
> : 70 cm is a wonderful band, but depending on the part of the country
> : in which you live, it can be a closed and hostile world, or a warm
> : and welcoming one. The repeater culture really is different in different
> : parts of the country. In California, you'll find almost all of the machines
> : closed. Here in the Southeast, you'll find a warm welcome.
>

While the closed repeater theory may hold true for Southern California,
here in Northern California you will find lots of open 440 repeaters. In
fact, in this area, on the local favorite ham/commercial repeater hilltop,
there are more 440 repeaters than there are 2 meter repeaters, and they
are all open machines.

73, Rick, WB7UGZ Winton, Ca.

2054. Re: beginner info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 09:32:19 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3hptb3$15pi@info4.rus.uni-stuttgart.de>
Source record: 252054

Reed,

audio tapes are a fine idea. I did it myself. As to a source
of tapes I suggest to get some PD morse code soft ware
from any of th e amateur radio FTP sites and tape the audio.

Someone on the net complained about poor audio quality from his
PC speaker, but generally it should be no problem.

Good Luck, Moritz DL5UH

2055. RSGB MEMBERSHIP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 09:54:10 UTC
From: uiahmed@uxa.ecn.bgu.edu
Message-ID: <3hpuk2$58d@news.ecn.bgu.edu>
Source record: 252055

I want to get the RSGB membership. Can somebody give me their address as well as the cost for annual membership. Appreciate that.

73s
Ahmed

2056. How to find the answers to frequently-asked questions about Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 10:48:17 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-faq-ptr-1-792758894@oes.amdahl.com>
Source record: 252056
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Posted-By: auto-faq 3.1.1.4
Archive-name: ham-faq-ptr

How to find the Rec.radio.amateur.misc Frequently Asked Questions list
---

This article will tell you how to find the answers to frequently-asked
Questions (FAQ) from rec.radio.amateur.misc. The FAQ articles are posted on
the 7th and 21st of each month. This article is posted on the 14th and 28th
of every month as a reminder of where to find the FAQ.

The FAQ articles are intended to summarize some common questions on the
rec.radio.amateur.misc newsgroup and Info-Hams mail list as well as to help
beginners get started.

Besides the monthly posting, the FAQ is always available via anonymous FTP
and from e-mail servers. This article contains instructions for obtaining a
copy of the FAQ. It also contains the table of contents from the FAQ so
that you know which questions are covered by it.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good
signal-to-noise ratio in the newsgroup. However, they can't do it alone - you,
the reader, have to use them. If you are a new user, please print and review
the FAQ articles and look at the instructions in the news.newusers newsgroup
before posting any articles. If you are an experienced user, please help by
refraining from answering frequently-asked questions on the newsgroup if they
are already answered by the FAQ articles. Instead, send e-mail to the user who
asked the question. (It will be helpful if you include the part of the FAQ
that answers their question, but not the whole thing.)

--How to obtain a current copy of the FAQ----------

There are 7 ways to obtain a copy of the FAQ.
1) World-Wide Web (WWW) and Mosaic
2) NetNews
3) Anonymous FTP
4) An Electronic Mail Server
5) Mail List Subscription
6) Gopher
7) Wide Area Information Server (WAIS)

Option #1: World-Wide Web (WWW) and Mosaic

The World-Wide Web (WWW) has experienced explosive growth in usage in 1993

and 1994. WWW clients like Lynx (in ASCII text) or Mosaic (X/Mac/Windows) can display the FAQ from many different sources. Each source is named by a URL (uniform resource locator.) If you are one of the growing numbers of people with Internet access, Option #1 is your choice. The following URL can be used to find the FAQ:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html

Other services listed later in this article are also accessible with WWW at the following URLs:
news:rec.radio.info
file://ftp.amdahl.com/pub/radio/amateur
file://ftp.cs.buffalo.edu/pub/ham-radio
file://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq
file://grivel.une.edu.au/pub/ham-radio/buffalo/ham-radio
file://nic.funet.fi/pub/ham/info
gopher://cc1.kuleuven.ac.be/
gopher://jupiter.sun.csd.unb.ca/
gopher://gopher.univ-lyon1.fr/
gopher://ftp.win.tue.nl/
gopher://gopher.win.tue.nl/
wais://rtfm.mit.edu/usenet

For more information on WWW, see the comp.infosystems.www newsgroup. Also, the help options on your WWW client should be able to point you to lots of information all over the world.

Option #2: NetNews

If you are familiar enough with NetNews to look through previous articles on your system, Option #2 above may be the easiest for you. The FAQ is posted so that it should not expire from your site's news spool until the next one is posted. Unfortunately, some news administrators do not honor the expiration dates meant to preserve the FAQ.

Look in rec.radio.amateur.misc, rec.radio.info, rec.answers, or news.answers. If the FAQ has expired at your site, try Option #3 (and ask your news administrator to honor expiration dates for articles cross-posted to news.answers if he/she can.)

Option #3: Anonymous FTP

Anonymous FTP uses the File Transfer Protocol. It is only available to sites which are directly connected to the Internet. If you don't know how to use FTP and can't find a friend to help you, continue to Option #4. If your site is not connected to the Internet, you should also continue to Option #4.

The following sites have copies of the FAQ:
site name & address path to FAQ articles
------------------ --------------------
ftp.amdahl.com pub/radio/amateur/faq.[1-3].Z
located in western USA, FAQ updated daily

ftp.cs.buffalo.edu pub/ham-radio/faq_ham_[1-3]
located in eastern USA, FAQ updated monthly
rtfm.mit.edu pub/usenet/news.answers/radio/ham-radio/faq/part*
located in eastern USA, FAQ updated monthly
contains news.answers archive - most UseNet FAQs are here
grivel.une.edu.au pub/ham-radio/buffalo/ham-radio/faq_ham_[1-3]
located in Australia, FAQ updated monthly
(Ham files mirrored from buffalo/funet/ucsd daily)
nic.funet.fi pub/ham/info/faq_ham_[1-3]
located in Finland, FAQ updated monthly

Remember, when connecting to the remote system, use the login name of
"anonymous" and, as a courtesy to the site administrators, your e-mail address
for the password.

Option #4: Electronic Mail Server

If you can't use Options 1 or 2, your only remaining option is electronic mail.
You can retreive a copy of the FAQ by sending a message to
mail-server@rtfm.mit.edu

The body of your mail will contain a command for the mail server software.
To get all of the FAQ (consisting of 70K of e-mail in 3 parts), place the
following in the first line of your message:
send usenet/news.answers/radio/ham-radio/faq/*

Leave out the subject of your message because the mail server will ignore it.

--- begin sample mail message ---
To: mail-server@rtfm.mit.edu
From: me@here.org
Date: Mon Aug 14 22:27:33 PDT 1995

send usenet/news.answers/radio/ham-radio/faq/*
--- end sample mail message ---

Option #5: Mail List Subscription

If you prefer, you may get the FAQ and other periodic Ham Radio information
as it gets posted. All the information posted to rec.radio.info can be
obtained through the UCSD list server via the "radio-info" mail list. To
subscribe, send an e-mail to
listserv@ucsd.edu
Similar to the e-mail server listed above, just send a single-line message
subscribe radio-info
If you need more information, the listserv program also accepts a "help"
command. Just keep it on a separate line in the message.

Option #6: Gopher

You can access gopher servers on TCP port 70 (gopher protocol) at the
following locations which carry the Ham Radio FAQ:
cc1.kuleuven.ac.be

jupiter.sun.csd.unb.ca
gopher.univ-lyon1.fr
ftp.win.tue.nl
gopher.win.tue.nl
For more information on gopher, see the comp.infosystems.gopher newsgroup.

Option #7: Wide Area Information Server (WAIS)

In addition to the other services mentioned above, rtfm.mit.edu offers a
WAIS server on TCP port 210. Use the "usenet" database to access the FAQ.

For more information on WAIS, see the comp.infosystems.wais newsgroup.

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* Lists of radio modifications and extensions (2/94)
** Can I send ARRL or W5YI electronic mail? (11/92)

** "Why doesn't the ARRL do...?" (11/92)
** What magazines are available for Ham Radio? (pre-4/92)
** How do I use the incoming and outgoing QSL bureau? (11/92)
** Are there any news groups for CAP? (11/92)
** What's the name of the QRP club that issues QRP numbers? (9/93)
** How do I become a 10-10 member? (9/93)
** How do I join MARS? (9/93)
** How do I join RACES? (pre-4/92)
** What organizations are available to help handicapped hams? (pre-4/92)
** I am looking for a specific ham, can anyone help me find him? (6/93)
** Can I post my neat new ham related program on rec.radio.amateur.misc?
(pre-4/92)
** Where can I get ham radio software for my computer? (9/93)
** Are there Dialup News services or BBSs for Amateur Radio? (4/92)
** Where can I find VE sessions in my local area? (9/93)
** Why isn't XXX available electronically? (1/94)
** I'd like to volunteer to help ham radio through electronic
information services like those mentioned in this FAQ list.
Where should I start? (2/94)

Part 3 - Amateur Radio Advanced and Technical Questions
** What are the different US amateur classes and what can each of them do?
(pre-4/92)
** What is the best way to learn Morse Code? (10/92)
** What is the standard for measuring Morse code speed? (pre-4/92)
** What is the standard phonetic alphabet? (10/94)
** I'm confused. What do all those abbreviations mean??? (6/93)
** What do all those "tones" mean? (pre-4/92)
** Where can I learn more about Amateur Radio if I live outside the US?
(9/93)
** How can I get a "reciprocal license" if I am a licensed ham from another
country or if I am a FCC licensed ham who wants to operate in another
country (on vacation)? (9/93)
** My apartment or housing complex does not allow outdoor antennas, now what
do I do? (9/93)
** I got TVI...HELP!!! (9/93)
** On what frequencies do JPL and GSFC retransmit the shuttle audio?
(10/92)
** Can I take my HT on an airplane and operate it if I get the permission
of the captain? (4/92)
** How do I modify my current Amateur license? (9/93)
** I'm confused about XXX, should I ask the FCC? (9/93)
** Is there any information on antique radios? (pre-4/92)
** Where can I buy vacuum tubes? (9/93)
** What do I need to get started in packet radio? (9/93)
** What do I need to get started in satellite communications? (9/93)
** What is available to get started in ATV, SSTV and WEFAX? (9/93)
** What are these contests I sometimes hear, and how do I participate? (9/93)

--Asking Questions---

If you have questions about Amateur Radio (a.k.a. Ham Radio), please read the FAQ. If your question is not answered there, check if you have any other sources (i.e. Mosaic/WWW) before proceeding. If you still don't have an answer, post your question to the most appropriate rec.radio.amateur.* newsgroup. And be sure to mention where you have already looked for the answer so people won't mistakenly tell you to try them again.

Thank you for doing your part to conserve network bandwidth!

--Submitting changes for the FAQ----------

If you have comments or updates for the FAQ, send e-mail to
hamradio-faq@amdahl.com
This will send mail to all the people on the FAQ editorial review group.

--Call for FAQ Editors----------

As with any volunteer effort, new volunteers are often needed. We need a new editor to post the Ham Radio FAQ. Preferably this should be someone who has enthusiasm for Ham Radio, experience with UseNet, and the ability to work with the other editors. No single person can know all the various aspects of this diverse hobby so the editorial review group is intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is written in PERL. So it would be a plus for volunteers to post the FAQ to have PERL installed on their system and be able to use "cron" or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer should contact hamradio-faq@amdahl.com.

2057. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 11:04:42 UTC
From: graham@peachy.apana.org.au
Message-ID: <3hq2oa$4ia@peachy.apana.org.au>
Source record: 252057
Cross-posted to: aus.radio,rec.radio.amateur.misc

William Newkirk (wnewkirk@bb.iu.net) wrote:

: obviously someone who's burned out. or expected something else...

Not at all.

I've been a very happy amateur for most of the 14 years since I was first licensed. I guess I'm just sick and tired of silly arguments.

: >Exactly what do you get out of the hobby anymore ? Is it really worth it ?
: >Would you be better off investing in a better computer and surfing the
: >internet ?

: fun, i guess...and a radio is a lot cheaper than a good computer and will
: probably not have to be upgraded or replaced every couple of years unless
: someone comes up with a new modulation scheme to replace SSB...or FM..

Really? The prices of decent AR equipment in Oz really surprised me recently. People who pay $1k for a handheld, and who pay $8k for an HF rig really surprise me :-)

Sure these are extremes, but they illustrate what people are prepared to pay. I recently sold an old (very old) FT-290R multi-mode 2m txcvr (1982 vintage). The asking price for these boxes is still around $500 even though I only paid $395 for mine when it was new. A similar piece of computer gear that I purchased in the same year for $3k is now only worth about $200, if I can find a buyer.

: >Everything once possible over AR has now been replaced by the Internet.

: only if you can afford the network time -- costs money every month
: to have a phone line, account at a service provider and all that.
: get the radio, put up the antenna and the only ongoing expense is power.

This is not able to be generalised. Costs of my UUCP feed are around $60 per year. The costs of my live feed will be around $600 a year (which is less than the annual costs of my publicly accessible bulletin board that I ran from 1981 until 1993).

--
+---+
Graham Broadbridge Internet <graham@peachy.apana.org.au>
Marsfield NSW amprnet <vk2yui@vk2yui.ampr.org>
Australia
+---+

2058. Re: RSGB MEMBERSHIP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 11:16:03 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <792760563snz@microvst.demon.co.uk>
Source record: 252058

In article <3hpuk2$58d@news.ecn.bgu.edu>
uiahmed@uxa.ecn.bgu.edu "Iftkhar Ahmed" writes:

> I want to get the RSGB membership. Can somebody give me their address as
> well as the cost for annual membership. Appreciate that.

Radio Society of Great Britain
Lambda House, Cranbourne Road
Potters Bar, Herts. EN6 3JE

Phone +44 1707 659016
Fax +44 1707 645105

Full (called corporate) Membership costs UKL 32.00, including surface postage
of the monthly RadComm magazine. Air mail extra.

Concessionary corporate rate for over 65 or under 25 while in full time
education UKL 25.00 (requires proof of status).

Under 18 years associate membership UKL 18.00

See if you can subscribe to Usenet group uk.radio.amateur.

73.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2059. VK2WI Weekly News, 12th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 12:19:49 UTC
From: dave@eram.esi.com.au
Message-ID: <3hq755$fal@eram.esi.com.au>
Source record: 252059
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

Silent key

We wish to announce the passing of Brian VK2DHO on 20th January 1995, aged 70 years. Brian, of Glenwarrie Place Parkes, was a member of Parkes and Orange Districts Amateur Radio Club, and was the Treasurer for many years. He was instrumental in the establishment of the Grenfell 2 metre repeater.

Brian was also a keen "home brewer" and was also a TV and radio technician. he is survived by his wife, and son David. He will be missed by many of his friends.

Information from Ian McGovern

VK2 DIV. President's Message

This is Michael Corbin, VK2PFQ.

This week we got one of those letters which demoralises hard workers in any organisation. It was a letter criticising my weekly addresses. The information contained in these addresses is designed to inform. This means by necessity that it might contain information which could be unpleasant or critical of people or organisations..... I can't help that! Would you prefer something filled with platitudinous rubbish or..... do you want the facts. All my information is factual, if anyone believes it isn't, then I invite them to take any action they might consider appropriate. I put a great deal of time into keeping you informed. I believe that my only opposition is by those who follow one of those old "teams" or by those who are ill informed. Under the olde guard EVERYONE was treated as just so many mushrooms. This is not the way I do things. I intend to keep you abreast of all the goings on in our hobby.... Pleasant or Unpleasant. If you don't like what I say, it's like watching T.V. the on/off switch is in YOUR control..... I'll be finished in about five minutes.... Turn back on then!

By now all affiliated clubs have received their latest posting, which included a copy of the submission to the SMA. All members will receive one in the next issue of A.R. To this end, anyone who has time to spare should present themselves at the Parramatta Office tomorrow, Monday at about 10.30a.m. We need about four people to help fold and staple these pamphlets for distribution. If nobody comes, then I guess. I'll do it all myself, with help from CESAR MIRANDA, VK2TCM. CESAR and MAX VK2AFE photocopied 1,500 copies last Friday. All we need now is to staple them together. If you

can come, give me a call. Don't just turn up, we may change the venue. Perhaps we could leave them 'till Thursday and get the Veterans to help us!.....Only kidding Franklin.

Now concerning our electrical work. Tim Mills VK2ZTM did the job for us. I'm sure that will please all the knockers. My answer to them....I'll accept any help from anyone who offers in the true spirit. Speaking of help, the painting people are all asked to present themselves at Parramatta next Saturday morning. We have had some good offers and one in particular from none other than Clive Robertson, that's ROBERTSON -- not Robinson. Clive also expressed his appreciation of the tapes supplied by Tim Mills, and no Mr. Robertson they were not recorded in the bathtub under water on a wire tape recorder.... Although, you're probably not far wrong!! Now regarding your comments on our manner of Station Identification....could you please repeat your instructions, our secretary wiped the first part of your tape message, by mistake of course. Indeed, we would be both delighted and honoured to accept and appropriate replacement message. Robertson, as he prefers to be addressed, can be heard on Sydney Radio 2GB Monday to Friday 5.00 AM 'till 9.00 AM. I do not apologise for the free plug. If you can't make Breakfast with Robertson then attend our "celebrity paint in" next Saturday. However, you'll need a Ticket....Give me a call at home on 626 9288.

Letters of reply are beginning to come in as a result of our writing to all the members of the ALP Communications Committee. I'll give you details of these on a future broadcast.....And I promise to criticise those who deserve criticism!!!

Finally a word to those, who are concerned at our threatened pullout from the Federal W.I.A. For the benefit of those listeners who don't know anything about this, a short History lesson..... At a meeting of the Federal Executive in October, that's the organisation we are prevented from belonging to because Mr. Harrison steadfastly refuses to resign, i.e. we have NO representation, a motion was moved to change the Examination function, presently with the Federal Office, to the VK4 Division. This motion was then sent to the Federal Council to make a final decision. The motion was put with little or no debate. Our representatives, who were in attendance this time, Peter Kloppenburg VK2CPK and Peter Naish VK2BPN, viewed this as a move which could spell the end of Federal. The ultimate fragmentation of the various functions of Federal throughout the States. Accordingly, they voted against the matter....and rightly so! VK6, whose delegate had not had an opportunity to discuss it with his council, declined to vote. There is provision in the Federal M.& As. to cover this very situation, i.e. the motion "lays on the table" until a future meeting.

VK2 decided, at a Council meeting, that this situation warranted stronger action....accordingly we threatened to resign from Federal

....and that's all it was, a threat. Such an action would only ever be as a result of a complete breakdown of relationships with our fellow amateurs throughout Australia. This will never happen whilst I'm the President. Quite apart from that, a notification of Intention to Withdraw MUST BEAR THE SEAL OF THE N.S.W. Division.... and all this cannot happen without an Extraordinary Special Meeting which must decide that this is the way to go. I believe that this Division acted quite properly. All States except VK4 have since written in support of NOT moving the examination function. Quite apart from that any change must be with the approval of the SMA. They do not approve. I hope that puts the matter to bed once and for all. My knockers on packet Radio will, I am sure, take due notice and react accordingly. This means of course a complete retraction... A nice start could be a message from none other than the Minister for Propaganda himself...Affectionately known to some as "THE FOOL ON THE HILL". This message was entitled "CORBIN IN DAMAGE CONTROL" from VK2XBR TO SPLIT @ VKNET MESSAGE NO. 24452..... on VK2XSO BBS Yeah, fat chance CORBIN!!!!

All painters will be contacted during the week and advised of starting times Etc.

I'll see the rest of you.....Next week. Someone tell those Blokes its safe to turn their Wireless back on again....Corbin's Finished for another week.... Hmmmmmmmmm!!!!!!

Radio Veterans' monthly meeting

A reminder thet the next meeting of the Radio Veterans at Amateur Radio House 109 Wigram Street Parramatta will be on Thursday 16th February 1995 at 11.00 am.

All welcome.

WIA (NSW) Division services

The NSW Division of the WIA runs amateur classes and examinations, a free QSL Bureau for members, slow Morse practice on the 80m band, a technical library and bookshop -- and also a Trash and Treasure sale on the last Sunday of every odd-number month.

Please contact the Divisional office for details.

WICEN News

Hunter advise that their first meeting for the year will be on 20th February at the Emergency Operations Centre, on the corner of Elizabeth and Hannell Streets, Carrington, starting at 1900, and thereafter on the third Monday of each month. Do any other regions have regular meetings?

The major event this month is the Central Coast Amateur Radio Club Field Day, at Wyong Racecourse, on Sunday 26th February. As usual there will be a WICEN stall next to the Caravan, and people, in

uniform, are requested to help staff it for an hour or two from 1000 to about 1500; this is an important "PR" exercise, as we sign up many new members at this event. Please contact Alan VK2YYJ if you can help, during tbe day on (02) 839-1388, or via packet radio at VK2CZR; members will recall that Alan has run several such shows, and we hope he will receive all assistance this year.

Events next month include the "RTA Big NSW Bike Ride" from the 4th to the 11th of March for which the current contact is John VK2AMH, and the annual Bungonia Cave Rescue on the weekend of 18th-19th March, and Mark VK2XGK is looking for volunteers who won't necessarily have to go underground; Mark can be contacted at work on (02) 936-8689.

A major event in April is the Oberon Car Rally on 29th April, and about 20 people are required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Dural Report

Here agin is another report on activities at the Dural broadcast station.

A tower-climbing-bee has been organised for Sunday afternoon, so that some of the antennae can be inspected and where necessary straightened; naturally it will be necessary to switch off the Dural beacons and repeaters at that time, so users of these services are hereby warned. Also on the agenda is some work to help make the station power-failure-proof.

One member of the Dural team took a trip down South lately, and found all sorts of hitherto-unknown Broadcast outlets. Since very few records, if any, can be found about these relays, it would be appreciated if ALL relay stations contact the Office, with details of their relay frequency (input and output), period (morning, evening, both, or occasional etc), and technique (sub-audible tone, time-switch, manually, atc), plus anything else you believe may be relevant, such as average number of callbacks etc, so that we can get a better idea of our coverage, and whether any backup channels are necessary. Listeners may recall that following the vandalisation of Dural last year the Broadcast originated from Parramatta for some

time, and many relay stations just disappeared. Please help us make the VK2 Broadcast to be once again the best Broadcast in the country.

--Dave VK2KFU, Dural Engineer

News Briefs

MEDICAL DX?

For the first time in Australia, Telecom's Integrated Services Digital Network (ISDN) has been used to transmit high-definition ultrasound images from Melbourne to medical specialists attending a conference in Sydney.

Such uses of ISDN can be used in the future to pioneer the new field of "telemedicine", which allow specialist medical treatment to be given to patients at rural hospitals that are unable to afford their own specialists.

As Robin VK2VN reported on last Sunday's broadcast, the Space Shuttle Discovery and the Russian space station Mir were flying in close formation, practising for a docking operation that will take place in June.

Orbiting at a speed of 28,000 km/hour, Discovery closed to within 13 metres of Mir. The operation was made extra difficult by a fuel leak on the Shuttle: officials at the Russian Sace Agency were concerned that lumps of frozen fuel could damage Mir's optical sensors and solar panels.

In June, the Space Shuttle Atlantis will perform a complete docking manoeuvre with Mir, the first of seven such manoeuvres to take place over the next two years.

Australia is to have its own annual solar car race, from next January. Organised by Sustainable Energy Enterprise Developments, the "Great Southern International Sunrace will take place over three days. The first leg will be from Adelaide to Broken Hill, then on to Mildura, then back to Adelaide.

The event's organiser, Mr. John Hoerner was involved in the 1993 World Solar Challenge, in which the Australian entry, Aurora, came fifth. Aurora also recently broke the solar car record for crossing Australia from Perth to Sydney.

"News Briefs" looks at communications news items that appear in the mainstream media. Thanks this week go to "The Australian" and "The Sydney Morning Herald". If your local or regional paper runs an

item of interest to Radio Amateurs, please send a clipping to the Divisional office.

--Richard Murnane VK2SKY

Central Coast Field Day

Now's the time to put aside Sunday 26th February - that's just two weeks away - for a trip to the Central Coast to visit the Annual Central Coast Field Day. The Field Day has something for everyone. There are traders galore, selling new and second-hand equipment, interesting technical lectures and workshops, special interest groups and displays, fox hunts for those with a competitive spirit, bus trips for the family, and a chance to meet people who you may not have seen for years or have only ever worked on the radio.

More than 2,000 people come from far and wide and this year as in past years there will be many international visitors.

The Central Coast Field day is held at Wyong Racecourse, just five minutes from Wyong Railway Station. The Racecourse provides an excellent venue with under cover display area, Bistro and food facilities and ample car parking within the grounds.

Two entry gates will be in operation this year to avoid the traffic congestion that has occurred in the past. Gates will not open until 8:30 a.m., and this includes entry for Flea Market traders.

An information service will be provided on the Central Coast 2 Metre Repeater 146.725 MHz using the call sign VK2AFY on Saturday 25th and the morning of Sunday 26th February.

Admission is $8.00 for adults, $5.00 for pensioners and Seniors Card holders and children under 12 are admitted free.

Further information can be obtained by writing to the Field Day Committee, Box 252, Gosford, NSW, 2250, or via Packet to VK2AFY @ VK2EHQ. Telephone enquiries can be made by phoning (043) 40 2500.

See you at the Central Coast Field Day on 26th February.

Bob Fitzgerald, VK2XRF
CCARC Publicity Officer

CASTLE HILL MILITARY RADIOS

Castle Hill Military Radio Collection will once again be mounting a display at the Wyong Field Day this year.

Items on display will include:
a BC611 U.S. Infantry walkie-talkie
the U.S. Navy TCS small ships transmitter
a Bendix RA-1B Catalina aircraft receiver
an Australian Wireless Set no 62, with no 10 Calibrator
a late model No 19 Mark 3 tank transceiver

and an Eddystone 730 receiver in military guise
There will also be an associated display of the English Larkspur equipment.

If you need any information on service type radio equipment, please contact me and I will endeavour to bring it to the Field Day.

Donations of equipment, spares or manuals to the collection are always greatly appreciated. As usual, I will have an empty trailer with me.

Please contact me on (02) 680 2112.

Ian O'Toole, VK2ZIO, Curator, Castle Hill Military Radio Collection.

CLUB NEWS: A.A.T.C

Australian Amateur Television Club Inc.

The next meeting of the A.A.T.C. Inc. will be on February 12th 1995 to be held Radio House - Wigram St Parramatta - 1.00 pm. Today!!!

The meeting will outline the objectives for the Wyong Field Day and input from members is expected regarding the display.

A technical overview will be given about the new CPU controlled repeater about to come on line plus other technical directions. Some new project conclusions will also be shown.

Anyone interested in ATV is welcome to attend for general information about ATV and the needed requirements.

For more information about ATV - contact the Publicity Officer on (02) 587-3491 between 4.00 pm and 10.00 pm Monday to Fridays.

Remember the Wyong Field Day is only 2 weeks away - see us there !!

AATC Inc. Publicity Officer Bob Barnes VJ2R

CLUB NEWS: SUMMERLAND

Summerland Amateur Radio Club

The 36th Annhual General Meeting of our Radio Club will be held in the Clubrooms 412 Richmond Hill Road, Goonellabah, on Sunday 5th

March 1995, commencing at 2 pm.

Business to include - Presentation of reports - Confirmation of amendments to Club by-laws - Introduction of the new fees structures, plus Election of Office-bearers and Committee.

Also up for discussion are proposed changes to our voice repeater and Packet digipeater systems.

All members are specifically requested to come along and voice their opinions on these topics.

Guests and visitors are very welcome.

Remember - you must be a financial member of our club to make your vote count.

Ragchew and refreshments to follow meeting.

Don't forget our Computer EXPO in May.

For more information please contact Steve, VK2JSM, Ric, VK2EJV, or Graeme , VK2GJ on H.F., V.H.F. or Packet via VK2RPL-2 668900'

VK2GJ - Graeme - Publicity Officer

CLUB NEWS: WAVERLEY

Waverley Amateur Radio Society

Tomorrow, Monday the 13th of February, marks 75 completed years since the formation of the Waverley Amateur Radio Society in 1919.

The Society has had a chequered career but the one thing which has remained constant is that it has been continuously licenced since that time except for the years during the Second World War when all amateur licences were suspended.

The Society invites all past and present members to come to the next meeting on Wednesday 15th February at 7:30 p.m. to celebrate the occasion. One amateur, Gordon Thompson, VK2AVT, whose connection with the Society dates right back to the 1920s, will be present, so come along and reminisce and also find out where the Society is going in future. The venue for the meeting is the Society's shack at the Rose Bay Scout Hall in Vickery Ave, Rose Bay, next door to the Rose Bay R.S.L. Club. Doors open at 7:00 p.m.

We are planning some events for later in the year including a dinner and would like to hear from anyone who has been associated with the Society over the years.

Please contact the Publicity Officer, Simon Buxton, VK2EII, if you would be interested in the dinner or any other events o that we can gauge interest and also if you have any tales you may be able to relate from the Society's past.

Simon may be contacted either by phone on 328-7141 at home or 391-9738 at work; or via the post to po Box 131, Watson's Bay, NSW 2030.

Apart from the regular meeting on the 3rd Wednesday, the Society is to start a "project night" on the 1st Friday of every month. This is intended for technical discussion, problem solving and a social get-together, so mark it in your diary and come along.

Having a permanent venue, we are now able to conduct classes for prospective amateurs and those wishing to upgrade their licences. The first Morse class aiming at the 10 wpm test is nearing a close and a new class will follow. In addition a theory class will be run every Tuesday night starting in mid-March. Would anyone interested please contact the Secretary, Grant Hinchcliff, VK2TU, on 957-7100 during working hours or 319-1913 after hours.

Simon Buxton - VK2EII - Publicity Officer

CLUB NEWS: LIVERPOOL

Liverpool and Districts Amateur radio Club

The Liverpool and Districts Amateur Radio Club welcomes members and interested parties to its first meeting for 1995.

We will be displaying the prototype of our new kit for foxhunting. The kit is for a Doppler radio direction finder which will include a vehicle display unit and an antenna switching box.

Paul VK2UPB wiill be giving a talk about the features and construction of the unit. The unit will be more than just a foxhunter with applications suitable for other bands such as 6m, aircraft and marine distress, and even 430 MegaHertz.

Everyone is welcome to come along on Tuesday night for more information. The meeting commences at 8 pm at the Scout Hall Cambridge Avenue Glenfield.

See you there

--Brad VK2QQ Publicity Officer

CLUB NEWS: GREAT LAKES

Great Lakes Radio Club

At its first meeting for 1995 the Great Lakes Radio Club considered a number of proposals concerning the establishment of a second 2-metre repeater linked to VK2RGL and located on a mountain top some 80 kilometres to the north-east.

This repeater is required to cover sections of the Pacific Highway which, because of rugged terrain, do not receive a strong signal from the main repeater. Also to be located at this site will be a UHF CB repeater for use by the local Bushfire Brigades and the highway traffic. This repeater is at present being operated by the

Great Lakes Club at a much lower elevation.

Unitl recently VK2RGL had experienced considerable pager interference, although not co-sited with a pager transmitter. Thanks to outstanding investigative work on the part of the Regional SMA office, the sources of the interference were identified and eliminated by the insertion of isolating filters in the feedlines of multiple transmitters to common aerials.

Stan Ellis VK2DDL

COMING EVENTS

Waverley ARC 75th Anniversary meeting . . . . . Wednesday
Radio Veterans meeting at Parramatta . . . . . Thursday
Hunter WICEN meeting (Pauline VK2GTB) . . . . . 20 February
Central Coast ARC Field Day at Wyong . . . . . 26 February
Proposed new Amateur licence fees come into effect . . . . . 1 March
RTA Big NSW Bike Ride (WICEN) . . . . . 4-11 March
Daylight Saving Time ends . . . . . 5 March (check)
Summerland ARC Annual General Meeting . . . . . 5 March
Signals Reunion at Wagga Wagga . . . . . 11-12 March
Bungonia Cave Rescue exercise (WICEN - Mark VK2XGK) . . . . 18-19 March
Hunter WICEN meeting (Pauline VK2GTB) . . . . . 20 March
Divisional Trash and Treasure Sale . . . . . 26 March
Easter Monday public holiday . . . . . 17 April
Hunter WICEN meeting (Pauline VK2GTB) . . . . . 17 April
International Marconi Day . . . . . 22 April

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066. Items can also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 12th February 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is acknowledged.

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Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2060. Re: What are these signals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 13:18:09 UTC
From: Mike Chaloner G0UGR <mikech@hpcpbla.bri.hp.com>
Message-ID: <D3zrM9.AuG@bri.hp.com>
Source record: 252060

>
> Can someone fill me in on the origin of these CW signals:
>
> "VVV VVV VVV DE SXA 33 SXA 33 SXA 33 K" on 3.712 Mhz
> and
> "VVV VVV VVV DE CTP CTP CTP QSX 46812 MHZ" on 3.782 Mhz
>
> The strings are sent repeatedly like a beacon.
>
> Tnx es 73, Kris
These are a good 5-9 in UK also.

2061. Anyone know of any..... Kenwood TH-79 MODS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 13:49:51 UTC
From: panther@atl1.america.net
Message-ID: <panther.792769673@atl1>
Source record: 252061

I am looking for mods for the TH-79A. I would like to find the way to mod for CAPs without paying the service charge. I am interested in ANY MODS POSSIBLE..

Please E-Mail me with any responces or MODS you might know or have.

Thank you

Jonathan

KE4UTT

2062. Re: Dental fillings and radio signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 14:39:56 UTC
From: jlpicard@austin.ibm.com
Message-ID: <D3zvEK.uxu@austin.ibm.com>
Source record: 252062
Cross-posted to: alt.folklore.science,alt.folklore.urban,rec.radio.amateur.misc

bls@Eng.Sun.COM (Brian Scearce) writes:
> tindall@mercury.interpath.net (Bruce Tindall) writes:
> > In the 1970s there was much discussion in the amateur radio press and
> > elsewhere about "LDE's" (Long-Delayed Echoes) -- radio signals that
> > were heard several seconds after they were transmitted (much longer
> > than it would have taken them to propagate around the world a few times
> > or even bounce off the moon). Have these ever been explained or
> > debunked?
>
> A couple of guesses from a non-ham:
>
> 1) If the signal is coming from a tape being broadcast, print-through.
> When tape is wound onto a spool, the magnetism of one layer can
> influence the magnetism of the next. Cassette tapes travel at 1.75
> inch/sec, as I recall, so at the very start of a tape, adjacent layers
> will be 2-3 seconds apart.
>
> 2) Pranksters.

I thought it was the Bootes Probe?

Craig
--
-- Craig Becker, Object Technology Products (512) 838-8068 Austin, TX USA --
-- Internet: (work) jlpicard@austin.ibm.com (home) jlpicard@bga.com --
-- IBM TR: jlpicard@woofer.austin.ibm.com IBM VNET: JLPICARD at AUSVM1 --
-- "They want to own the light!" --

2063. Re: Where can I find latest version of Geoclock??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 14:46:53 UTC
From: jayk@fc.hp.com
Message-ID: <3hqfot$8l7@tadpole.fc.hp.com>
Source record: 252063

christopher shustak (shustak@parkcomm.iii.net) wrote:
: I remember seeing a program called Geoclock, that allowed you to see
: where light and dark areas existed on the earth. The program also allowed
: you to get beam headings, and call sign IDs on stations. Does anyone know
: of an FTP site where this program exists?

: Chris
: N1AUP

You can anonymous ftp it from: oak.oakland.edu
in the directory: /pub/msdos/graphics

73, Jay K0GU jayk@fc.hp.com

2064. Re: Sick Kenwood TS-440s-at (HELP)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 14:47:26 UTC
From: bsplaine@sr.hp.com
Message-ID: <3hqfpu$1db@canyon.sr.hp.com>
Source record: 252064

RobertChristiansen (robert.npsc@xci.xerox.com) wrote:
: Help kenwood TS-440
: I have a sick kenwood TS-440s at.
: the problem it has is this .
: when I power on the radio the display stays blank for about 30 seconds.
: and there is no receive audio.
: the interesting this is if I leave the radio power switch on and turn on the power supply
: the display lights up and there is receive audio.

: any suggestions would be appreciated .

: Please reply by email to robert.npsc@xci.xerox.com

Send mail or call Kenwood Service Center nearest you. Well documented problem
of deteriorated adhesive that was used to hold circuit/ic in place. They can
send you a ServBull to tell you how to fix it....

Bill/N6GHG

--
/\/\/\

2065. Re: Repeater Directory online/CD-ROM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 14:51:39 UTC
From: "David W. Bourque" <dbourque@ub.com>
Message-ID: <D3zvy4.FAC@pippen.ub.com>
Source record: 252065

mack@ncifcrf.gov (Joe Mack) wrote:
>
> In article <3h3she$48a@newsbf02.news.aol.com> pergrim@aol.com (Pergrim) writes:
> >In response to your questions about repeater CDROMs:
> >
> >PerCon Corp , currently known for its FCC Frequency Databases & Spectrum,
> >will release a CDROM Ham Callsign Database and Open Repeater Database in
> >March.
>
> >For more info ,call or fax:
> >Chuck Pergrim
>
> I tried to get the ARRL list of repeaters from the ARRL but they said
> they were not allowed to release the repeater info as part of publishing
> the list. Apparently the repeater coordinators regard the location
> and frequency of the repeaters as proprietary info. The only way I could
> get the info I was told, was to go to every repeater coordinator in
> the country and make agreements with every one of them separately.
>
> Naturally I declined.
>
> What have you guys done to get these lists that I didn't?
>
> Joe Mack
> NA3T
> mack@ncifcrf.gov
>
>
>
I went to the local coordinator and got the information directly.
I also made on air observations and had repeater trustees send me
information directly. That appears to be the only way to do it.
A couple of sources for you to try to get at some lists.
Try to FTP from mipgsun.mipg.upenn.edu:/pub/yee
In this directory is a list of repeaters and a readme file.
Also try the online directory available via the Amateur Radio Home
page on the web. Sorry I don't remember the URL at the moment.
Let me know if you can't find it.
Best of luck.
73 de WB1FLD
dbourque@ub.com

2066. Searching for WB8DQT's software "morse.zip"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:21:49 UTC
From: e8626609@stud1.tuwien.ac.at
Message-ID: <e8626609.7.0004E9B2@stud1.tuwien.ac.at>
Source record: 251968

Hello OMs !

My father OE5LCO read in the magazine QST (January '95) the article
"Quick and Easy CW with your PC"(written by WB8DQT).

He would like start this project, but there is also software necessary, which
WB8DQT has written.

The only problem is to get this software.

It seems to be only available at following entries:

- ARRL BBS 203-66-0578

- CompuServe HamNet forum library 7.

and it is called "morse.zip".

This zipfile contains "morse.exe, cw.dat, log.dat, cw.hlp" and
"morse.bas" (a QuickBasic source code).

Neither my father OE5LCO nor I are able to get access to one of those entries.

So it will be very kind , if someone helps us to solve this problem.

Tnx in advance
Hans Czylok

Europe, Austria, Vienna 14-2-1995
e8626609@stud1.tuwien.ac.at

2067. Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:33:43 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D3zxw9.5A0@hpqmoea.sqf.hp.com>
Source record: 252066

Ian Sharp (Ian@sharpip.demon.co.uk) wrote:

: I also use :-
: ...-- --...

Huh? 37?

It must have been one of those days....

Cheers
David GM4ZNX

2068. Re: Dental fillings and radio signals

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:35:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb14.153500.19156@ke4zv.atl.ga.us>
Source record: 252067
Cross-posted to: alt.folklore.science,alt.folklore.urban,rec.radio.amateur.misc

In article <3hohpa$8rs@engnews2.Eng.Sun.COM> bls@Eng.Sun.COM (Brian Scearce) writes:
>tindall@mercury.interpath.net (Bruce Tindall) writes:
>> In the 1970s there was much discussion in the amateur radio press and
>> elsewhere about "LDE's" (Long-Delayed Echoes) -- radio signals that
>> were heard several seconds after they were transmitted (much longer
>> than it would have taken them to propagate around the world a few times
>> or even bounce off the moon). Have these ever been explained or
>> debunked?
>
>A couple of guesses from a non-ham:
>
>1) If the signal is coming from a tape being broadcast, print-through.
>When tape is wound onto a spool, the magnetism of one layer can
>influence the magnetism of the next. Cassette tapes travel at 1.75
>inch/sec, as I recall, so at the very start of a tape, adjacent layers
>will be 2-3 seconds apart.

LDEs have been reported since at least the 1920s, so we can safely
rule out tape recording print through.

>2) Pranksters.

This can't be entirely ruled out, but the character of the signals
would indicate that the "pranksters" are *very* sophisticated, IE
the LDEs have a watery almost auroral sound that would be hard to
fake, especially in the 1920s.

The latest thinking I've heard on this topic is that LDEs are the
result of very freakish ducting conditions in the ionosphere that
result in a sort of natural maser which amplifies the signals and
can keep them circulating for a long period. Natural lasers have
been noted in the Martian atmosphere. It's not beyond possibility
that something similar at lower frequencies may occasionally occur
in our atmosphere.

Our understanding of the global circuit is really quite rudimentary.
Recent photographs of charge being borne into the ionosphere by
thunderstorms really shook up some of our atmospheric scientists.
There are still a lot of phenonmena we don't understand happening
right over our heads.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary

534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2069. W5YI on Ham Radio & More Show!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:35:46 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.342.000898DA@indirect.com>
Source record: 252068

Fred Maia, W5YI, is the featured guest this Sunday, 2/19/95, on the nationally syndicated talk show, Ham Radio & More, on the Talk America Radio Network. It airs live at 6:00pm EST. Listener calls are invited. Listen Sunday and find out the whole story on the new vanity call sign program, the new quick turnaround on ham licenses, and more.
The Ham Radio & More Show can be heard in many cities throughout the country and via satellite on Spacenet 3, Transponder 9, 6.8 audio. Call 602-241-1510 for more info. If you want to talk to Fred and cannot hear the show, the listener call-in line is 1-800-349-8255.
73, Len, KB7LPW
home page courtesy of the Boston ARC at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

2070. HR&M Affiliate List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:48:13 UTC
From: lenwink@indirect.com
Message-ID: <D3zyKD.3xC@indirect.com>
Source record: 252069

NEW AS OF 2-14-95:
Ham Radio & More Station List:
The following list can change often....

Arizona: KFNN, 1510am, Phoenix
Conneticut: WATR, 1320am, Hartford
Florida: WFFG, 1300am, Miami, Florida Keys
Illinois: WKTA, 1330am, Chicago
WBGZ, 1570am, Alton
Indiana: WPDJ, 1300am, Huntington/Ft. Wayne
Kentucky: WMTA, 1380am, Central City
Massach: BOSTON CABLE CHANNEL 38B, BOSTON
WKPE, 1170am, Orleans
WNBH, 1340am, New Bedord, Providence
Michigan: WMKT, 1270am, Traverse City, Cadillac
Missouri: WBGZ, 1570am, St. Louis
KSLQ, 1350am, Washington
N. Carolina:WEEB, 990am, Fayetteville
WCRY, 1460am, Raleigh/Durham
WGAI, 560am, Norfolk, Portsmith
WSKY, 1230am, Greenville, Spartanburg
Nebraska: KICS, 1550am, Hastings/Lincoln
Oklahoma: KTMC, 1400am, Tulsa, Mcalester
Oregon: KBNP, 1410am, Portland
Penn: WJMW, 550am, Scranton, Wilkes Barre
Tenn: WRWB, 740am, Knoxville
Utah: K26DI,Channel 26, TV, Castledale
KYKK, 630am, Salt Lake City
Vermont: WSYB, 1380am, Rutland

Ham Radio & More is on the Talk America Network. It is aired live every Sunday at 6:00pm EST, originating from Phoenix, Arizona. It can be heard via TVRO satellite on Spacenet 3, Transponder 9, 6.8 audio. Our toll free listener call-in line is 1-800-349-TALK. The originating station number is 1-602-241-1510 for more information. Any radio station can air the show FREE OF CHARGE.

Also, be sure to check out our WWW Home Page. It has information on upcoming shows, reviews of past shows, and even theme music. It is updated courtesy of the Boston Amateur Radio Club.
Access it at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

73, Len, KB7LPW

2071. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:51:13 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb14.155113.19352@ke4zv.atl.ga.us>
Source record: 252070

In article <3hohkj$2a9@mother.usf.edu> knupke@babbage.csee.usf.edu (Paul Knupke (CS)) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: Two meters is becoming crowded compared to 70 cm, though neither band
>: is anywhere near full. Traditionally, 2 meter repeaters have tended to
>: be basic club machines, either open to all or open to anyone who wants
>
>2 meters is pretty full here in Tampa. Available pairs are hard to find
>even. On the otherhand there are many free pairs on 440. The main
>difference between the people on 2 meters and 70cm seems that groups
>that know each other tend to hang out on 70cm in smaller groups.

Ah, that's not what I meant. Even in areas where all the pairs are
taken, there are still long periods of silence during the day when
no users are talking. The bands aren't full until every repeater
is key down continously with user signals. That's not even true
during drive time in most areas.

It's certainly nice to have an intercom channel that isn't constantly
busy, so you can monitor just for your friends. That's often still
the case on 70 cm, and even on 2 meters in some areas, but that's a
different thing from the band being "full".

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2072. Re: Mods for the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 15:57:58 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb14.155758.19445@ke4zv.atl.ga.us>
Source record: 252071

In article <7757-295858501@mcube.com> unique@mcube.com writes:
>
>IA>I was wondering if anyone knew of any mods for the HTX-404?
>IA>David Greiner
>IA>ad283@rgfn.epcc.edu
>
>You do not make any modes to the Realistic Handhelds the 202 and the
>404. The are controlled by a chip and you would have to remove the chip
>dump the info unencrpt the encrepted code and then rewrite encrypt and
>reburn and it may work but not likely. If you find this tough to believe
>call tech services in Fort worth of Maxxon in Korea where they are
>built. Just remember this is one of the most propritory companys in
>exsitence with the exception of Packard Bell computers.

I'm not at all sure that the frequency data in the RS units is
encrypted, but that's irrelevant anyway. The radios are designed
with very sharp ham band only filtering. Even if you could somehow
fool the synthesizer into tuning out of band you wouldn't hear
anything thanks to the dandy filters. Those filters are also the
reason these radios don't squall and howl with pager crud like
most Japanese handheld Gameboy scanners that pretend to be ham
radios.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2073. Re: 2M HT in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 16:29:19 UTC
From: sol@soleil.serma.cea.fr
Message-ID: <3hqlov$a92@anemone.saclay.cea.fr>
Source record: 252072

>unfortunately this is certainly true at 95%, not a lot of people in France know
> english well enough to start a talk in english. This certainly true also
>that a lot of people just don't want to speak anything else than french,
> and don't want to ear an English talk on a repeater, so be prepaired to
> face some bad reactions.
>Anyway I would answer immediately in France if you call cq in english
> on a repeater, so try it, you can fing interesting people like anywhere else.
>
>Bernard, KB2TGH

Let's assume that i'm travelling in the USA....and calling on a repeater using french......what would happen ????
I feel that there are as many french people speaking english than american or english people speaking french, don't you?
73 de F1GOC K+

2074. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 17:18:54 UTC
From: gbelton@rs5.tcs.tulane.edu
Message-ID: <3hqolu$bqh@rs10.tcs.tulane.edu>
Source record: 252073

jeffrey@math.hawaii.edu wrote:
: Hi Jeff: Someone just got arrested on Thursday for spewing filth on a
: newsgroup. Hopefully they'll hang the guy out to dry as an example.
: That will be your test case. Stay tuned!

Actually, he was arrested for making threats. He posted a story to alt.sex.stories about raping and torturing a particular woman. He used the real name of a woman in one of his classes.

The FBI arrested him for making threats over interstate wires. Same as if he had used a telephone to do it.

2075. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 18:21:10 UTC
From: vhadley@ee.utah.edu
Message-ID: <3hqs8q$nc4@news.cc.utah.edu>
Source record: 252074

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <3h0ckk$i74@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) says:
>>
>>Gary P. Fiber (gfiber@halcyon.com) wrote:
>>: As for fire, the fuse does not do much good at the radio end. A good
>>: installiation will have a big fuse right at the battery in the event the
>>: positive radio lead gets groinded.
>> ^^^^^^^^
>>
>>This is a very informative discussion, and I don't want to side track
>>it with humor, but the above sounds like it could be awfully painful!
>>Think I'll quit laying my microphone in my lap while driving...
>>
>>Greg
>>
>Greg,
>
>It appears not to have come out the way I ment it to. I always place a 60 amp fuse
>right at the attach point to the battery of the radio positive lead. I also
>leave the regular radio fuses intact. So the positive lead itself is fused with a
>60 amp fuse in the event it gets grounded to the vehicle body. Most
>automobile batteries can supply up to 400 amps of current at any time.
>This can weld two pieces of metal together or start a nice fire in the auto.
>The radio is still fused by the correct size of fuse the manufacturer requires.
>
>Gary

Might I add something from personal experience...about electrical shorts and car fires. I have worked in an automotive garage for a number of years. Its a family business we've had since 1931. We are one of the _very_ few in town who actually rebuild cars that have had electrical fires. Over the years we have seen alot of burn jobs. Cars are some of the most flamable things around and when they get going- you can be in real trouble. Your only hope, is to remove the battery cable before it's too late...sometimes only on the order of seconds..not minutes if you have a serious short. Cars don't blow up like you see on the movies, but we've occasionally had vehicles in the past that nearly could have- considering how fast things went up. Example: One customer of ours was driving along the interstate when he noticed some smoke coming out from under the dash. He had just enough time to pull over and stop. He immediately got out of the pickup truck. He hardly even had time to grab his coat. The whole vehicle burnt down to the ground. The only thing that didn't have all of the paint burn off was tail gate- no joke. Even the tires were melted away.

It's not cool to fool around with electrical shorts...the fuse and fuse holder or even a fusible link (a fusible peice of wire-which is often a good alternative) are relatively inexpensive fire insurance.

73, _____
| |- ========== o o| TS-850S/AT...A GREAT Radio!
Vince Hadley | |- o o --- / \ - o o| _+___||___+__
Amatuer Radio: KA7GVQ | |@ o o --- \ / - o o| ! || v \--***
vhadley@ee.utah.edu | ~U~~~~~~~~~~~~~~~U~ ----- ##########

2076. Re: What are these signals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 18:22:12 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <792786132snz@microvst.demon.co.uk>
Source record: 252075

In article <3hl0p6$et3@newsbf02.news.aol.com>
krisn3rqt@aol.com "Kris N3RQT" writes:

> "VVV VVV VVV DE CTP CTP CTP QSX 46812 MHZ" on 3.782 Mhz
>
> The strings are sent repeatedly like a beacon.

Sound like a Portuguese coastal marine station saying he is monitoring
some frequency (I don't believe you got that 46812 MHZ right) for calls.

I would guess that if you listen longer he will also periodically send
the call signs of vessels he has traffic for.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2077. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 18:34:14 UTC
From: vhadley@ee.utah.edu
Message-ID: <3hqt19$nc4@news.cc.utah.edu>
Source record: 252076

vhadley@ee.utah.edu (Vince Hadley) wrote:
>gfiber@halcyon.com (Gary P. Fiber) wrote:
>>In article <3h0ckk$i74@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) says:
>>>
>>>Gary P. Fiber (gfiber@halcyon.com) wrote:
>>>: As for fire, the fuse does not do much good at the radio end. A good
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>>>it with humor, but the above sounds like it could be awfully painful!
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>>automobile batteries can supply up to 400 amps of current at any time.
>>This can weld two pieces of metal together or start a nice fire in the auto.
>>The radio is still fused by the correct size of fuse the manufacturer requires.
>>
>>Gary
>

Sorry about the previous post, me editor doesn't tell me when
things will be hard to read on an 80 collumn display...
let me try this again:

Might I add something from personal experience...about electrical
shorts and car fires.
I have worked in an automotive garage for a number of years.
Its a family business we've had since 1931. We are one of the _very_
few in town who actually rebuild cars that have had electrical fires.
Over the years we have seen alot of burn jobs. Cars are some of the
most flamable things around and when they get going- you can be in
real trouble. Your only hope, is to remove the battery cable before
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73, _____
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Vince Hadley | |- o o --- / \ - o o| _+___||___+__
Amatuer Radio: KA7GVQ | |@ o o --- \ / - o o| ! || v \--***
vhadley@ee.utah.edu | ~U~~~~~~~~~~~~~~~U~ ----- ##########

2078. Re: 10 Meters is Open

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 18:37:42 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3hqt9m$b7e@mother.usf.edu>
Source record: 252077

: "Open" isn't the word for it. Blessed relief, maybe. :-)

No kidding :-)

: I actually heard Hawaii on 10M (back here in Indiana) for the first
: time in ......oh, I'd bet nearly two years. Twas WH6DY or DZ...can't recall.

I've got a card from WH6DY to confirm my first (and only) 10 meter SSB
WH6 contact.

Just heard an Argentine on 10M FM coming into our linked repeater system
in Tampa (Tues afteroon 1:30PM Tampa Time)

Paul
KR4YL - Tampa, FL
knupke@babbage.csee.usf.edu

2079. Looking for 900MHz equipment

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 20:08:44 UTC
From: dholten@comtch.iea.com
Message-ID: <3hr2kc$o4e@krel.iea.com>
Source record: 251978

Looking for plans or kits for equipment to use in the 900MHz band.
Also looking for any modification plans, etc. to modify existing
commercial equipment (including 1st generation cell phones) to the
900MHz amateur band. Any help appreciated.

Dave Holten
N7UTG
dholten@comtch.iea.com

2080. Re: Hamfest - Valley of the Moon?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 21:25:18 UTC
From: alanb@sr.hp.com
Message-ID: <3hr73u$8a7@canyon.sr.hp.com>
Source record: 251979

John Thompson (jthompso@nermal.santarosa.edu) wrote:
: I heard yesterday on the local net that there will be a hamfest in the
: Valley of the Moon on April 29(?). Where exactly wil this event be held and
: what are the times? Is this a very large event? I have just passed the
: TechnICIAN test and now i am looking for a radio.... So I want to go to
: this . Thanks for any helkp. E-mail me or post here.

Vallye of the Moon ARC hamfest at Sonoma Veteran's Memorial Bldg,
Sonoma, CA, on April 29. Contact Darrel Jones WD6BOR (707) 938-8086.

The VOM hamfest is not a big event on the scale of the Foothills flea
markets, but it has a very pleasant home-town atmosphere. They used to
serve a ham 'n eggs breakfast -- probably still do.

The Sonoma County Radio Amateurs club also has a bigger flea market in
September in Sebastopol. If you haven't come to an SCRA meeting, it's
open to the public. First Wednesday of the month (March 1) 7:30 PM
at the Hewlett Packard plant in Santa Rosa. (1400 Fountaingrove Pkwy)

AL N1AL

2081. Re: Strange call sign

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 23:09:59 UTC
From: dpj@ix.netcom.com
Message-ID: <3hrd87$cde@ixnews3.ix.netcom.com>
Source record: 251980

In <19950210.184601.521027.NETNEWS@UICVM.UIC.EDU>
awdowiak@bert.eecs.uic.edu (Arkadiusz Wdowiak) writes:

>
> Hi, a couple of days ago I picked up a short CW teransmission,
identified as
>sent by "NMN". CW is not my best area but after replaying that short
transmission
>about 50 times I'm pretty sure the operator was NMN. Could someone
please tell me
>what kind of call sign that is? -Arek Wdowiak
> Commodore, Starfleet Command
> CO, U.S.S. Yorktown, N.C.C. 1704-A
>

It's some sort of Coast Guard or something like that station used to
listen for maritime distress signals.

2082. Yaesu FT 51R Mods/Key Press Start Modes ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 23:26:00 UTC
From: phillip.gane@almac.co.uk
Message-ID: <8A3901A.044A00AF2C.uuout@almac.co.uk>
Source record: 251981

Hi All
Does anybody know any good Keys presses or start up modes for the new
Yaesu FT 51R ????
Also does anybody how to get it onto Very Wide band RX (110-950Mhz) ??
There must be a way by pussing some buttons somewhere it does
everything else !!!..

Phillip GM4SUF @ GB7SUF
Scotland..

phillip.gane@almac.co.uk

* 1st 2.00b #5597 * I'm not a programmer but I play one on TV...

2083. IPS Daily Report - 14 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-14 23:52:44 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb14.235244.24389@ips.oz.au>
Source record: 251982
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 14/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 14 FEBRUARY AND FORECAST FOR 15 FEBRUARY - 17 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 82/23

GOES satellite data for 13 Feb
Daily Proton Fluence >1 MeV: 3.5E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 3.9E+08 (moderate)
X-ray background: A6.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
15 Feb 16 Feb 17 Feb
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 15 Feb: 83/24

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled with active levels from
00-03UT and minor storm levels from 12-15UT.

Estimated Indices : A K Observed A Index 13 Feb
Learmonth 20 4333 5333
Fredericksburg 25 25
Planetary 25 29

Observed Kp for 13 Feb: 4355 5533
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
15 Feb 12 Quiet to unsettled however there is the possibility
of an isolated active period occurring.
16 Feb 8 Quiet to unsettled.
17 Feb 8 Quiet to unsettled.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
14 Feb normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
15 Feb normal normal fair-normal
16 Feb normal normal fair-normal
17 Feb normal normal fair-normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
14 Feb 8 Near predicted monthly values with spread F and
sporadic E observed 11-13UT and 18-20UT.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
15 Feb 15 Near predicted monthly values. Spread f and sporadic
E may affect circuits at times.
16 Feb 20 Near predicted monthly values.
17 Feb 20 Near predicted monthly values.
COMMENT: MUFs at Townsville were near predicted monthly values with
30-50% enhancements from 00-06UT. Sporadic E observed 09-11UT. Hobart
MUFs were 15-20% depressed from 00-10UT, then near predicted monthly
values. Spread F was observed at Hobart 13-14UT.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

2084. Hamfest in Charlotte, NC ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 00:15:07 UTC
From: bernie@rbdc.rbdc.com
Message-ID: <bernie.55.0000402D@rbdc.rbdc.com>
Source record: 251993

Hamfest in Charlotte, NC in March, Please email me
with info on when and where it is and how to get tickets
Thanks

2085. Re: UK information

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 00:29:04 UTC
From: Sandy@staedt.demon.co.uk
Message-ID: <664944237wnr@staedt.demon.co.uk>
Source record: 251983

In article: <D3sBJI.BGM@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com
(David Stockton) writes:
=>
=> Vinod Narayanan (vinod@kariat.watson.ibm.com) wrote:
=>
=> : A fellow ham is visiting the UK in March, and is looking for
=> : some information. Any help is much appreciated. He would
=> : like to receive information on the following:
=> : 1. Do repeaters usually use a tone burst system? (If so,
=> : anybody know if add-on units are available?)
=>

=> 70cm band has some sections banned in some geographical locations,
=> you need to get a proper bandplan. Repeater shift is +1.2 MHz.
=>

=> Cheers
=> David GM4ZNX
=>

Repeater split on 70 cms in the UK is 1.6MHz not 1.2 MHz.

--
Regards, Sandy

J M Saunders G0VJU sandy@staedt.demon.co.uk
+44 121 604 9454 G7CVB@GB7PZT.#24.GBR.EU

If the job entails work of any description; I don't want to know

2086. Re: Is there an antique radio list or group?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 00:33:26 UTC
From: aa010@detroit.freenet.org
Message-ID: <3hri4m$lhp@detroit.freenet.org>
Source record: 251984

In a previous article, pete.klager@medtronic.com (Pete Klager) says:

>Not quite ham related, but I'm looking for a newsgroup or mailing list
>devoted to collecting and repairing antique broadcast and shortwave radios.
>
>Thanks,
>Pete
>
The group rec.antiques.radio+phono covers many of these items.
DO read the lengthy but excellent FAQ for this group before
posting.

Chuck Reti Detroit,MI WV8A
aa010@detroit.freenet.org

2087. Re: Repeater Directory online/CD-ROM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 01:07:43 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD40oGv.B5u@netcom.com>
Source record: 251985

Joe Mack (mack@ncifcrf.gov) wrote:

: I tried to get the ARRL list of repeaters from the ARRL but they said
: they were not allowed to release the repeater info as part of publishing
: the list. Apparently the repeater coordinators regard the location
: and frequency of the repeaters as proprietary info. The only way I could
: get the info I was told, was to go to every repeater coordinator in
: the country and make agreements with every one of them separately.

Interesting! Well, IMO the organization of the Repeater Directory has good
and bad points. For the mobile operator, it's handy to know that a given
repeater covers such and such area, but I'd rather know the geographic
location of the machine.

: What have you guys done to get these lists that I didn't?

I didn't even get as far as checking with ARRL, so I'm no further ahead than
you.

Jim
--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

2088. 10m or 6m HT's?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 01:31:58 UTC
From: indole@mace.cc.purdue.edu
Message-ID: <3hrlie$q0i@mace.cc.purdue.edu>
Source record: 251986

Does anyone know of any HT's made for 6 or 10m? Preferably with a touchtone keypad...

Tnx de Matt NY3F

2089. Deep Cycle battery revival

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 01:47:35 UTC
From: cleiva@gate.net
Message-ID: <3hrmfn$15ia@tequesta.gate.net>
Source record: 251987

I've just picked up a few 750W UPS power supplies. I think
that they should be a valuable addition to my shack for
emergency operation. My problem is that they have been laying
arround for a few years and the batteries are all dead.
I would like to know if there is a guru outhere that has ever
revived any of these things, should I start on my submarine
project? (ballast!)

The batteries are 225 Amp. Deep Cycle by Johnson Controls.
Is there any hope or are they just boat anchors?

HELP.

2090. FT530 mod worth it?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 01:57:43 UTC
From: drr@dana.ucc.nau.edu
Message-ID: <3hrn2n$hcd@ruby.ucc.nau.edu>
Source record: 251988

I have a brand new Yaesu FT-530 and am considering modifying it? Is it worth it? Any opinions welcom.

--
--

Dennis Rice drr@dana.ucc.nau.edu
NAU Flagstaff KC7FQD
Northern Arizona Young Life NAU Amatuer Radio Club

2091. Re: 10 Meters is Open

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 03:46:51 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D40vu4.C1F@news.hawaii.edu>
Source record: 251989

knupke@babbage.csee.usf.edu (Paul Knupke (CS)) writes:

>Just heard an Argentine on 10M FM coming into our linked repeater system
>in Tampa (Tues afteroon 1:30PM Tampa Time)

When 10M openings become more frequent in the years ahead will 10M
repeaters be shut down so as to avoid QRM'ing folks thousands of miles
away? Wouldn't that be the polite thing to do?

Jeff NH6IL

2092. Re: Mods for the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 03:54:09 UTC
From: leigh@rain.org
Message-ID: <3hrtt2$imu@news.rain.org>
Source record: 251990

When the HTX-404 first came on the market a couple of years ago, I remember reading somewhere that either a mod or key sequence was available to make it transmit below 440 mHz, probably to work the few satelites that have a 430-band FM input.

Is this true? Or does it come with with 430 capabilty?

--Leigh/KM6JE.

2093. FCC Database available???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 04:18:04 UTC
From: barry@news.ia.net
Message-ID: <3hrv9s$apo@allanon.ia.net>
Source record: 251991

The FCC database of commercial licenses used to be available by subcription as the Washington Report or something like that. Does anyone know if the commercial license database is available online or on CDROM ?

Thanks,
Barry wa0rjt
barry@ia.net

2094. Re: Is there an antique radio list or group?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 05:08:03 UTC
From: billhar@spaceworks.com
Message-ID: <D40zLF.Ax1@spaceworks.com>
Source record: 251992

Look under rec.antiques.radio+phone. Lots of discussion on antique radio collecting and restoration.

Bill - K5MIL

2095. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 11:50:00 UTC
From: cbpatten@snoval.fidonet.org
Message-ID: <2f4213fc@snoval.fidonet.org>
Source record: 251994

To: jeffrey@math.hawaii.edu

>"1935 will go down in history. For the first time, a civilized nation has
>full gun registration. Our streets will be safer, our police more efficient,
>and the world will follow our lead into the future." - Adolf Hitler

je> --
je> You'll think differently about this quote after you (or a family
je> member) have become a victim of street violence.

je> Jeff NH6IL
je> Jeffrey Herman

Having had a family member murdered, thank you very much, the
1935 quote above hits it RIGHT on the head! Self defense is our
duty and disarming everyone except the criminals and the police is
a sure way to lose what little freedom is left. I'd rather see you
dead than give up my means of personal protection. Follow Adolf's
lead and you will have his buddies running things once again!

chuck...

... "They that can give up essential liberty to obtain a little temporary
safety deserve neither liberty or safety : Benjamin Franklin

2096. Re: Don't Let PRB-1 Die in New York State

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 12:34:36 UTC
From: bat@gdstech.grumman.com
Message-ID: <1995Feb15.123436.19721@gdstech.grumman.com>
Source record: 251995

In article <3hg5gq$7ln@i-2000.com> hmn@i-2000.com writes:
> <<<<< We need your help to maintain our rights as amateur radio operators. >>>>>
>
> HELP SUPPORT
>
> R.A.D.I.O.
> (The Radio Amateurs Defense & Information Organization)
>
> CALL 516-735-2500
>
> 24 hrs/day
>
> Don't let PRB-1 Die in the State of New York
> It could have a devestating effect throughout the U.S.
>
>
> R.A.D.I.O.
> Post Office Box 343
> Williston Park, New York 11596
>
>

Hey Mark. Hit the return key every 75 characters so this stuff is
readable on people's computers. -pat

--
--
* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

2097. Re: FT530 mod worth it?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 13:48:59 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb15.134859.24133@ke4zv.atl.ga.us>
Source record: 251996

In article <3hrn2n$hcd@ruby.ucc.nau.edu> drr@dana.ucc.nau.edu (Dennis R. Rice) writes:
>I have a brand new Yaesu FT-530 and am considering modifying it? Is it
>worth it? Any opinions welcom.

That depends on what modification you want to do to it. Replacing the flimsy metal belt clip with a real Motorola clip is definitely worth it. I don't know of any other worthwhile modifications. I assume you have already junked the rubber dummy load and put a good antenna on it.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2098. Re: How long to get first license and callsign?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 14:28:04 UTC
From: serafin@cauldron.spdc.ti.com
Message-ID: <3ht31k$ggs@cauldron.spdc.ti.com>
Source record: 251997

John Mood (aa100324@dasher.csd.scarolina.edu) wrote:
: My wife's callsign too 16 weeks. They since have gotten a computer into
: the act, and they are coming faster. I recently updated my address (I am
: told that address changes take that same length of time, who knows...). I
: got my change of address in about 4 weeks. I would say that a good guess
: would be 4 to 8 weeks. Good luck!

Nope, it's taking about a week to get on the air. At least that is the latest experience around here. Call the FCC 800 number about a week after the test to see the the FCC has assigned a call yet. It probably takes 4 weeks or more to receive the piece of paper, but the FCC now says you can begin operating once you're in their computer and you have your call.

kc5grw

2099. Amateur Radio WWW page with DX and callbook info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 15:51:57 UTC
From: jeffj@crl.com
Message-ID: <3ht7ut$6v9@nntp.crl.com>
Source record: 251998

I have created a WWW page that has the QRZ callbook and DX info along with various other amateur radio related WWW pages. Please drop by and sign the guest book when you get there! The URL is;

file://ftp.crl.com/users/ro/jeffj/www/home.html

jeffj@crl.com AB6MB KPFA 94.1 Bay Area Progressive Radio!

2100. Re: Car interference

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 15:54:56 UTC
From: ehare@arrl.org
Message-ID: <1995Feb15.155456.287@arrl.org>
Source record: 251999

Robin Atkinson (robin@mcs.com) wrote:

: I had the same problem with my Ford truck. Ford will install an RFI filter
: inside your gas tank at no charge, if your vehicle is still under the
: bumper -to-bumper warranty. Your Dealer might try to give you a hard time
: about it.

: I can fax you Ford's service bulletin thats describes the problem, how to
: fix it, and what models/years are covered. My dealer would not co-operate
: until I produced it!

: Robin, N9VAF

The reports I have received about this filter are mixed. Some hams report that it fixed their problem nicely; others report that it only helped a little bit, or not at all.

One ham tried to get a refund for the out-of-warranty installation of the filter. The Ford customer-service people told him that their Service Bulletins were advisory, were not guaranteed to work and they would not issue a refund.

I can only speculate that there could be some subtle variance in the installation between the successes and failures. Nonetheless, with the apparent Ford policy about the usefulness of their Service Bulletins, Caveat Emptor! Refer to the September, 1994 and March 1995 QST articles for additional information.

73 from ARRL HQ, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

2101. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 16:00:40 UTC
From: billsohl@earth.planet.net
Message-ID: <3ht8f8$o9c@jupiter.planet.net>
Source record: 252000

jeffrey@math.hawaii.edu wrote:

: Hi Carl and Cassandra,
: I don't see where Mike said anything about a particular class of
: license. Why are you concluding that `lowering standards' equals
: the Tech no-code license? Might you be feeling a bit insecure?

: My interpretation of `lowering standards' is:
: * Doing away with 1 out of 5 minutes perfect code copy (no corrections
: allowed) in favor of questions regarding what was sent

True, that dies lower the requirement/standard, BUT it presumes
that MORSE CODE proficciency is an important element in the
contemporary world of radio communications. (Fire up the
code/no code debate again on that one).

: * Doing away with the trip to the FCC office in favor of non-professional
: volunteers as examiners

Now this is really off the wall. Of what importance is requiring
anyone to make such a trip versus being able to avail themselves
of the many local test opportunities?

: * Publishing the test questions and answers

The test questions and answers have always been published. I still have
a copy of an old AMECO test study guide (circa 1958 or so) that
contained the questions. The only difference now is that the question
pool is perhaps more static, but please don't claim that study guide
and questions weren't being published until recently...that just
isn't the case.

: * Much easier questions than I recall being given back in '76

I don't know, when I look over the older novice exam questions I don't
see much difference and the same is true for the general.
I will admit that there isn't any memorization required of circuit
diagrams anymore (I had to memorize 14 different diagrams as
part of the general exam question "pool" I was studying and the
test had 4 or 5 questions where I had to actually draw a reqested
diagram). Obviously the technician license is now a separate element
than when I passed it in 1958 at which time the tech theory test was
identical to the general.

Frankly, I think if more people tried to "elmer" new amateurs rather
than just bitch about lower standrads, etc. we'd have a much better
amateur service.

Would that eliminate some "jerks" from joining the amateur ranks?
Certainly not, as I've met my share of idiots at all levels of
educational and technical background. Anyway, that's my .02.
--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

2102. Re: FT530 mod worth it?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 16:26:02 UTC
From: george@news.epix.net
Message-ID: <3ht9uq$65t@grape.epix.net>
Source record: 252001

I assume that you are speaking of a 2 meter HT that youwant to modify for
out of band transmission.
If your are not licensed for that band what reason on earth would you
want a transmitter that will transmit on it? To commit a crime? Put
your hard earned Ham ticket in jepordy?

If you want to transmit on other than ham bands Join MARS or CAP of
course you'll have to work to earn the right to use those freqs.
GC AFT1JI

Dennis R. Rice (drr@dana.ucc.nau.edu) wrote:
: I have a brand new Yaesu FT-530 and am considering modifying it? Is it
: worth it? Any opinions welcom.

: --
: --
: _____
: Dennis Rice drr@dana.ucc.nau.edu
: NAU Flagstaff KC7FQD
: Northern Arizona Young Life NAU Amatuer Radio Club
: ----------

--
****
* George Cook AA3JU Bangor, PA FN21 *
* george@peach.epix.net AA3JU@N3IQD.EPA.USA.NA *
****

2103. Re: Need Info: MFJ-1270B

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 17:48:18 UTC
From: bhowell@mail.utexas.edu
Message-ID: <3htep2$e07@geraldo.cc.utexas.edu>
Source record: 252002
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

In article <13FEB95.15173129.0078@Proteus.CSD.UNB.CA>, Paul Cormier <Y6HJ@UNB.CA> says:
>
>I'm looking for a diagram to build a cable to connect my MFJ-1270B to
>an Alinco DJ-580 handheld.

>]]]]]]]]]]]]]]]] I have the 1270-B manual. They don't have a lot of diagrams for specific radios but there is some basic info there. Let me know if this would help
.
>Bill Howell N5ALO

2104. Re: How long to get first license and callsign?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 18:23:46 UTC
From: bcis@msg.ti.com
Message-ID: <3htgri$30@tilde.csc.ti.com>
Source record: 252003

In <3ht31k$ggs@cauldron.spdc.ti.com>, serafin@cauldron.spdc.ti.com (Mike Serafin) writes:
>John Mood (aa100324@dasher.csd.scarolina.edu) wrote:
>: My wife's callsign too 16 weeks. They since have gotten a computer into
>: the act, and they are coming faster. I recently updated my address (I am
>: told that address changes take that same length of time, who knows...). I
>: got my change of address in about 4 weeks. I would say that a good guess
>: would be 4 to 8 weeks. Good luck!
>
>Nope, it's taking about a week to get on the air. At least that is the latest
>experience around here. Call the FCC 800 number about a week after the test to
>see the the FCC has assigned a call yet. It probably takes 4 weeks or more to
>receive the piece of paper, but the FCC now says you can begin operating once
>you're in their computer and you have your call.
>
>kc5grw
>

You're almost right Mike. Here's the sequence I experienced:

(1) Passed exams for a new ticket on 1/28/95 (Sat). VE's mailed electronic
forms to the ARRL on 1/30/95 (following Mon.).
(2) ARRL recorded the information after receipt and forwarded the
application(s) to the FCC.
(3) I called the FCC's 800 number on 2/3/95 (following Fri.). My new call had
just been issued and recorded. I began operation the same day.
(4) Received my ticket in the mail on 2/11/95.

Looks like the FCC is realizing the benefits of their new computerized
system.

Your mileage may vary.
73 de KC5MKW

<===>
MM MM CCCCCC <-> Texas Instruments
MM M M MM CC <-> QA Systems
MM M MM itchell CC arson <->
MM M MM CC <->
MM MM CCCCCC <-> bcis@msg.ti.com
<===>
Opinions expressed are mine and mine alone.

2105. University Club list 2/15/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 18:42:24 UTC
From: jrl2@crux1.cit.cornell.edu
Message-ID: <3hthug$8g2@tuba.cit.cornell.edu>
Source record: 252004
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

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* University and School Amateur Radio Club List Version .06 *
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February 14, 1995

Welcome to the University and School Amateur Radio Club list. The
purpose of this list is to provide information about amateur radio
clubs at schools and universities. The current editor of this list
is...
Jeffrey Luszcz N2TIQ
jeff@gauss.arc.nasa.gov

This list will be availible for ftp from the following servers:

oak.oakland.edu

Also I will be posting this list once every month onto the
following newsgroups:

rec.radio.amateur.misc
rec.radio.info

!!!IMPORTANT!!!
If you do NOT want your club's information presented here
then please inform me of this wish through email.
!!!IMPORTANT!!!

The current data format for submitting club information is....
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SCHOOL:
NAME:
ADDRESS:
CLUB OFFICERS
REPEATERS:
CLUB STATION:
STATION TELE#:
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
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If everyone follows this form it makes it easier to edit and
maintain the list. I see this format changing as the list grows
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and new concerns become raised. Please address your email to me
as follows FAQ -(name of school). For example...

Subject: FAQ - Cornell University

This makes it easy for me to move the mail around and put it in
the right folders. I am working on getting this information into
a database which will let me change the FAQ around easier and put
it in alphabetical order. Watch this space.

The FAQ is now in alphabetical order, great day indeed.

DISCLAIMER:
Feel free to copy and disperse this list freely as long as it
remains in its original format. If you do not want your clubs
information in this list then email the list owner and tell him so.

Also...
I am unable to provide any other information regarding college clubs
other than what appears on the list. Either the organization has
requested that it be kept confidential, or I just don't know. If
you do find out, please direct such information to my submission
address above so that others may benefit from it.

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* Here is the list *
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SCHOOL:
University of Arkansas (Fayetteville)
NAME:
ARC of the University of Arkansas, Inc
ADDRESS:
CLUB OFFICERS
President:Peter Laws, N5UWY - V31WY
3217 Bell, U of A, Fayetteville AR 72701
Dr. Charlton K5GOE, Advisor
jsc@engr.uark.edu
REPEATERS:
none
CLUB STATION:
W5YM, ex-W5JNI, exx-W5YM, exxx-5YM
TS430S (HF), TS790S (Sat), misc other
ORGANIZATIONS:
ARRL
YEAR STARTED:
station licensed '20, club traced to '49
NUMBER OF MEMBERS:
20-30
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY

Oldest license found - 5YM - dated 6/4/20, but there is anecdotal evidence that we may have been licensed in 1914. The station was active in the early '20s prior to the opening of KFMQ, the U of A's first broadcast station. Logs have been found for the '32-'34 period when the station (*W*5YM) was active on 'phone using a Class B modulation amplifier built as a class project. Loy Barton, inventor of Class B, was a graduate and faculty member of the U of A. Haven't found any relics from '34 - '49. 1949 we were granted W5JNI and our station was in the then-Business Admin building. We suspect the trustee knew nothing of the previous station as he was not in engineering. We returned to W5YM in 1952 and the club has been going strong pretty much ever since.

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SCHOOL:
Baylor University
NAME:
Baylor University Amateur Radio Club (BARC)
ADDRESS:
PO Box 85584
Baylor University
Waco, TX 76798-5584
CLUB OFFICERS
Secretary/Treasurer:Stephen Purdy KC5CGV
REPEATERS:
none
CLUB STATION:
Kennwood TS-450, Yaesu FT 5100 Dual Band(2M/440) Mobile
40' tower w/ triband beam antenna
ORGANIZATIONS:
YEAR STARTED:
about 1992
NUMBER OF MEMBERS:
20
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY

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SCHOOL:
UC Berkeley
NAME:
University of California Amateur Radio Club, W6BB
ADDRESS:
300 Eshleman Hall, UC Berkeley, Berkeley CA 94720
CLUB OFFICERS
President:
James Chesko AB6YH chesko@csa3.lbl.gov
VP:

Michael Dahl KC6UFR michaeld@uclink.berkeley.edu
Secretary/treas:
Jeanne Luce KE6DQW jeanluc@cmsa.berkeley.edu
REPEATERS:
None
CLUB STATION:
Kenwood TS-440s/at, linear amp, 40 meter dipole,
PK-232, Azden PCS-2000 2 meter rig, a couple 440
HTs, miscellanea.
ORGANIZATIONS:
ARRL affiliated since 1949 (our records say it
goes back to 1921, but ARRL has no record of this)
YEAR STARTED:
1914
NUMBER OF MEMBERS:
22 voting members, roster of around 75
BANDS ACTIVE:
HF bands, 2 meter and 440 (some sat work)
E-MAIL ADDRESSES:
general membership: W6BB@violet.berkeley.edu
officers/board: hams@violet.berkeley.edu

HISTORY
I worked on this last year. Essentially, we were formed
in 1914 as one of the first stations on the west coast.
We started DX receiving experiments at this time, and
soon established skeds with the University of Washington
and a few other schools. Our first call was 6BB and dates
back to at least 1920. I think oneof our members was the
first woman to get a commercial radiotelephone operators
license in 1924. Early on we were also connected withthe
commercial station here at Cal, and did early broadcasts
from football games, alumni dinners, etc. Club fell into
decline in the1930's, but was revived after the war,
and has followed typical boomand bust cycles since.

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SCHOOL:
Bradley University
NAME:
Amateur Radio Club
ADDRESS:
Sisson Hall #309
Peoria IL 61625
CLUB OFFICERS
President: Geoff Gaebel KB9DUX
REPEATERS:
none, but working on one for 2 meters
CLUB STATION:
W9JWC

ORGANIZATIONS:
none
YEAR STARTED:
early 60's (no activity from '69 to '82)
NUMBER OF MEMBERS:
10-15
BANDS ACTIVE:
HF, VHF packet, and others
E-MAIL ADDRESSES:
w9jwc@camelot.bradley.edunote:this forwards to ALL members
HISTORY:
started in early '60's with no activity from '69 to '82

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SCHOOL:
Brown University
NAME:
Brown Radio Club
ADDRESS:
c/o Mike Deignan, Box 1916, Providence, RI 02912
REPEATERS:
441.750+ (220 & 1.2ghz
CLUB STATION:
K1AD
YEAR STARTED:
Decades ago
BANDS ACTIVE:
1.6khz-1.2ghz
E-MAIL ADDRESSES:
michael_deignan@brown.edu

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SCHOOL:
California Polytechnic State University, San Luis Obispo
NAME:
Cal Poly Amateur Radio Club, W6BHZ
ADDRESS:
University Union Box 53, Cal Poly, San Luis Obispo, CA 93407
CLUB OFFICERS:
President - Kirk J. Smith, KD6RCT
Vice President - Dean Wood, KC6IZR
Secretary - Trisha Ginsburg, KE6DLI
Treasurer - Craig Gullickson, KC6CEX
Repeater Manager - Ryan Matteson, KD6HPC
Station Manager - Dave Evans, N6UEZ
Vending Manager - Mark Smith, KD6JTS
EEEC Rep - Ian Morcott, KD6HHI
Trustee - Bob Stadtherr, KI6WO
Staff Advisor - Dan Malone, KC6WOT

REPEATERS:
146.760- (low level, on campus)
CLUB STATION:
Yaseu FT-990, Drake amp, Kenwood TS-440AT, Packet, 2m all mode
STATION TELE#:
(805) 756-2737 (SLO-ARES)
ORGANIZATIONS:
ARRL, ARES/RACES
YEAR STARTED:
1947
NUMBER OF MEMBERS:
19 voting, 19 non-voting
BANDS ACTIVE:
70cm, 2m, 10-80m
E-MAIL ADDRESSES:
w6bhz.info@w6bhz.elee.calpoly.edu
World Wide Web URL: http://www.calpoly.edu/~dmalone/w6bhz/
HISTORY
We're still looking for our roots, but have narrowed it down to 1947. That's about as good as it gets for now, but we're looking for more history on our club.

Our club is an Engineering Department affiliated club, but recently we're attracting members from other walks of life, adding to our diversity. We're involved in ARES/RACES, with our station being capable of running on our own emergency generator at a moment's notice.

We've recently obtained a high-level mountaintop site, and are working on the basics there (ie: electricity, antenna masts, etc) and look forward to expanding our local coverage. Current plans for the mountaintop include:
440 repeater linked to our 146.760 repeater on campus (w/autopatch)
2m crossband repeater (linked to 440 repeater) with two-tone paging capabilities for ARES/RACES callouts
2m repeater on the WALA (Western Amateur Linking Association) system
2m digipeater on the Packet DX-Cluster
440 digipeater for high-speed digital (56kb?) for real-time Internet

Interests of individual club members includes DXing, ARES/RACES, FM voice, packet, ATV, and 10GHz digital.

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SCHOOL:
Georgia Tech
NAME:
Georgia Tech Amateur Radio Club
ADDRESS:
Room E-180
Electrical Engineering Bldg, Georgia Tech
CLUB OFFICERS
Sponsor: Dr. Paul Steffes (paul.steffes@ee.gatech.edu)
President: Dave Kunkee K0DI (gt5830b@prism.gatech.edu)

VP: Jeff Tucker N9HZQ (tucker@eedsp.gatech.edu)
Treasurer: Dave Huggins N4RMM (david.huggins@gtri.gatech.edu)
Secretary: Carrie Carter N9JSR (carter@magnolia.gatech.edu)
Shack Steward: Mike Whaley KD4UGI (whaley@hibiscus.gatech.edu)
REPEATERS:
We have a repeater on 145.15 (input 144.55) located on the GT
campus, with a remote site on 145.05 in Duluth, GA.
CLUB STATION:
W4AQL
Shack phone: (404) 894-2971
Our shack is very well equipped, with 2 Kenwood TS-940S's, an icom
and a Yaesu VHF rig (ferget the numbers) two Alpha 77 amps on the
Kenwoods, and the following antennas: TH-6, 10,15,and 20 meter beams,
2m and 70cm satellite antennas, and 80 and 160 meter dipoles. We
probably have more up there, but between the 3 towers I can't remember
all of it :-)
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
GTARC was started by 1927 for sure, and we believe that it may have
existed as early as 1911- we're still trying to corroborate that info.
We have approxi- mately 50 members or so, who operate on all bands
and all modes, especially while contesting! The club has an email
server at listserv@gitvm1.gatech.edu, or you can send mail to the
club account at eew4aql@prism.gatech.edu. We would be very happy
to hear from any interested folks out there, especially those who
are or have been associated with Tech or the club.

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SCHOOL: Harvard University

NAME: Harvard Wireless Club

ADDRESS: 6 Linden Street, Cambridge, MA 02138

CLUB OFFICERS: Trustee, Mike Manafo K3UOC
President, Joe Shelton AB5TC

REPEATERS: None

CLUB STATION: W1AF

Rig: ICOM IC781 and IC4KL Linear Amplifier with a log periodic
ICOM IC735 and IC2KL Linear Amplifier with a low beam
Packet Cluster (currently not working)
VHF 2-meter all mode transceiver
Everex 386 PC and TNC for packet operations

STATION TELE#: (617) 876-4131

ORGANIZATIONS: ARRL affiliated

YEAR STARTED: 1909

NUMBER OF MEMBERS: approximately 20

BANDS ACTIVE: most HF bands

E-MAIL ADDRESSES: w1af@husc.harvard.edu

HISTORY:

The Harvard Wireless Club, founded in 1909, is America's oldest
amateur radio club. HWC operators have made thousands of contacts
in a variety of transmission modes over the past eight decades.
Most recently, HWC won the second place in 1994 School Club Roundup
for Colleges and Universities (See QST, September 1994 issue,
page 124 for details.).

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SCHOOL:
Iowa State University
NAME:
Cyclone Amateur Radio Club
ADDRESS:
Box 7275 Friley Hall,
Ames, Iowa 50012-0001
CLUB OFFICERS
President:
Todd Wheeler N0NUM
tewheele@iastate.edu
Friley 5567 Bennett
Ames, Iowa 50012-0001
(515) 296-3057
VP Steve Knapp sknapp@iastate.edu KA9QOA
Sec/Tr Jason Amdor jtamdor@iastate.edu KB0AZI
Rptr Ch Jason White jdwhite@iastate.edu N0RWU
Activ. Brant Wehr bwehr@iastate.edu N0UTT
Faculty Advisors:
Clyde Walter AD0H (515) 294-8632
Mike Chaplin WA7SSO chaplin@iastate.edu
REPEATERS:
147.375+WA0KHF/ROWNED AND OPERATED BY CLUB
443.375+WA7SSO/ROWNED AND OPERATED BY WA7SSO
CLUB STATION:
Club Station Located in A147 Friley Hall.
Key access only to club members.
Equipment:
Packet Station
Icom 720 HF Rig
Icom 22S 2mtr Rig
and other equipment
ORGANIZATIONS:

ARRL, 10-10
YEAR STARTED:
NUMBER OF MEMBERS:
approx 20
BANDS ACTIVE:
2 meters and 70cm
E-MAIL ADDRESSES:
Listservers:
carc@iastate.edugeneral club maillist
carccabinet@iastate.edu cabinet member maillist
carc_classes@iastate.edufor testing and license class info
HISTORY
The club has been around for many years. The original
club was W0YI. It was founded over 75 years ago. The
W0YI club call is still maintained here at ISU by one
of our faculty members.

Our club has approximately 20 members who are somewhat
active. There are many more hams here at ISU, but many
of them are too busy with their studies and other clubs
to become involved with the CARC. We are always in
search of new membership.

Our members can usually be found on 2meters or 70cm.
At this point in time, there is very little HF activity
in the club.
Our club has been involved at ISU for many years. We have
meetings several times per month. Every spring, we set up
an open house display and help with communications for the
annual VEISHEA celebration, which is the largest student-run
event of its kind in the United States. We provide
communications for the VEISHEA parade, calling tow trucks,
ambulances, and the police if the need arises.
It is best for new prospective members or people
interested in the club to call me or Clyde Walter at
the numbers above. I am only at ISU during the Fall and
Spring semesters, while Clyde is a professor who is here
year around if the need arises to contact the club in the
summer months.

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SCHOOL:
Juniata College
NAME:
Juniata College Amateur Radio Society
ADDRESS:
Huntingdon, Pennsylvania 16652
Club station in Brumbaugh Science Center room P222
CLUB OFFICERS:
Bill Blazina K3EAV Cheif Honcho

NUMBER OF MEMBERS:
6 members 1995
CLUB STATION:
Active on 80m-10m 2M satellite and FM , 432Mhz. and 1296 Mhz.
EMAIL ADDRESSES:
blazina@juncol.juniata.eduX-News: vax rec.radio.info:6152
HISTORY:
JCARS was started in 1981 with the primary focus of satellite
operation. We were the first Ham radio club in central Pennsylvania to have
an active satellite station and were early users of Oscar 8 and Oscar 10.
JCARS offered amateur radio classes from 1981 thru 1993 for the college
students as well as local citizens. We are going to resume these classes
this winter as well as offering licensing exams on a regular basis as we have
in the past.

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SCHOOL:
Middle Tennessee State University
NAME:
Raider ARC
ADDRESS:
CLUB OFFICERS
President:John Schmidt (KD4EAI)(ggjns@knuth.mtsu.edu)
Vice President:Kelly Fulks (KC4RDJ)(csklf@knuth.mtsu.edu)
Secretary/Treasurer:Mark Bailey (N4XHX)(csmjb@knuth.mtsu.edu)
Trustee:Mack Thweatt (KX4L)(csmack@knuth.mtsu.edu)
Faculty Advisor:Homer Brown (WB4PAX)(cshomer@knuth.mtsu.edu)
REPEATERS:
Digipeaters? Yep. Voice? Nope.
Maybe a 6m. rptr. someday, dunno.
CLUB STATION:
W4EFQ
Full TCP/IP Internet Gateway station (gw.w4efq.ampr.org)
- 9600 baud packet on 440.975 MHz TCP/IP, AX25, NetROM
9-el. yagi at 75' AGL (680' elev.), link to Short Mtn TN Digi
- 1200 baud packet on 145.770 MHz TCP/IP, AX25, NetROM
J-pole at 80' AGL (685' elev.), solid 40 mi. coverage
- Internet wormhole links to Memphis TN, Krakow, Poland & Auburn AL
- Key station in TENNET (statewide packet linkage) project
(ask us for details!)
Kenwood TS-140S for 160-10m HF coverage
Alinco DR-112 for 2m data (sometimes voice)
TEKK 440 MHz rockbound 2 watt radio for data
Home-brewed 80286 PC running WG7J NOS 1.09 (testing 1.10)
Gracilis PackeTwin card for 9600 baud packet
AEA PK-232MBX for 1200 baud packet, occasional HF packet too
GAP 40-10m vertical
Cushcraft 20-15-10 3-el. directional
ORGANIZATIONS:
YEAR STARTED:

1960s
NUMBER OF MEMBERS:
varies, 9-10 typical
BANDS ACTIVE:
2m and 70 cm packet mostly,
JNOS "Converse" mode especially;
145.49 (-600) wide-area voice rptr.
on Short Mtn. (McMinnville), TN
10m voice, esp. 28300-28500 kHz
E-MAIL ADDRESSES:
(open to anyone, not a closed list)
- rarc-l@knuth.mtsu.edu (list address)
- listserv@knuth.mtsu.edu (listserver)

HISTORY
The MTSU club has been around since at least the 1960s, first as a trusteeship of the Dept. of Industrial Studies, and now under the Dept. of Computer Science. Membership has been small because the historic mission of the University was that of a teacher's college (thankfully that's changing). The Raider Amateur Radio Club is a key player in the packet radio field, and its members provide part of the core support in a project to bring high-speed (56k bps and up) packet connectivity to the entire state of Tennessee, from Mountain City to Memphis.

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SCHOOL:
Northwestern University
NAME:
W9BGX
ADDRESS:
CLUB OFFICERS
President:Peter Anvin, N9ITP, <hpa@nwu.edu>
Vice President:Albert Schmeltzer, WN9S, <wn9s@nwu.edu>
Secretary:Mark Brodsky, KB9BLY, <mark-brodsky@nwu.edu>
REPEATERS:
CLUB STATION:
W9BGX
Excellent shortwave equipment;
An ICOM 728 feeding a Drake LR7 linear; our antenna is a
Mosley Pro-95 at a height of approximately 110 ft.
We are looking into adding rooftop 160, 80, 40 and 30 m
dipole. VHF, UHF and packet equipment not yet;
we are working on it. We have an antenna and tower, but no rig.
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
About a dozen; currently activity has been low since our
station pretty much requires a General, and many of our
members are only Technicians because of the code.

BANDS ACTIVE:
Currently mostly on 20 m
E-MAIL ADDRESSES:
president@w9bgx.nuars.nwu.edu
vp@w9bgx.nuars.nwu.edu
secretary@w9bgx.nuars.nwu.edu
advisor@w9bgx.nuars.nwu.edu
nuars-request@w9bgx.nuars.nwu.edu (LISTSERVER)

HISTORY
The Northwestern Amateur Radio Society dates back until late 40s or early 50s. It has been affiliated with the McCormick school of Technology and the department of Electrical Engineering since its inception. The club has achieved many awards over the years, including one of the very early 5-band DXCC's.

In 1991 a storm took down our main tower and antenna, and the shack had fallen into disrepair. However, in 1992 Drs. Allen Taflove and Alan Sahakian took over the faculty advisor position, and launched an effort to bring the station back on the air. In the summer of 1992 a new tower was erected at a better rooftop spot than before at a cost of over $10,000, and faculty and student members together cleaned and renovated the shack, and the old transceiver equipment was replaced. We also pulled in Ethernet cabling for Internet, and got a computer (w9bgx.nuars.nwu.edu).

We are currently looking into holding a course in the Department of Electrical Engineering which will use the resources of the Amateur Radio club, and hope it will increase student participation.

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SCHOOL:
Oklahoma State University
NAME:
W5YJ
ADDRESS:
322 Engineering
North, Stillwater, OK 74075.
CLUB OFFICERS
Trustee Dr. Ken Case
REPEATERS:
146.175 - split no tones
CLUB STATION:
W5YJ
ORGANIZATIONS:
YEAR STARTED:
1920s
NUMBER OF MEMBERS:

BANDS ACTIVE:
E-MAIL ADDRESSES:
HISTORY
We have logs going back to 1934 with comment on contacts made in
1925 and we have talked with hams that remember us from the 20's.
About this time WxYJ and YI were all college radio clubs.

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SCHOOL:
University of Pennsylvania
NAME:
University of Pennsylvania ARC N3KZ
ADDRESS:

CLUB OFFICERS
President: Matt Gomez, AA3FQ mgomez@mail.sas.upenn.edu
Vice President: Eric Reiter, WI2N ericj@eniac.seas.upenn.edu
Technical Director: Jeff DePolo, WN3A depolo@eniac.seas.upenn.edu

REPEATERS:
see below
CLUB STATION:
Station 1 - Philadelphia (main campus)

Kenwood TS-940S, Alpha 76A, Icom 275H, Icom 375A, Icom 471A, PK-232,
80286,Azden PCS4000, power supplies, headsets, mics, Vibroplex
iambic, keyer,KLM KT-34A @100', Cushcraft R5 @ 60', 40m dipole @ 60',
KLM 2m/440 OSCAR,yagis, Diamond X200 @ 100', various other VHF and
UHF antennas, one tower on roof - top of tower is at 100', and all
of the usual accessories.

Station is in the engineering building on the 2nd floor. It's been
in the same room since 1924.

Station 2 - Valley Forge

Kenwood TS-530SP (soon to upgrade to TS-850), Dentron Clipperton-L
linear,Kenwood TM-742A 2/440/6m, Icom 271H, 80286, Telrex 5-el
tribander @ 40',3-element 40m monobander @ 70', Mosley TS-33 @ 40',
40m dipole @ 40',75m dipole @ 45', Diamond U2000, long-boom VHF/UHF
yagis, Hustler 2m G6,other VHF and UHF antennas, 5 towers total.

This station is on top of Mt. Misery at the U of P Microwave
Research Center. We go out to this station on weekends, for
field day, etc. It used to be a Nike Missle tracking station
back in the cold war days and now Penn uses it as a research
center. Great location - the highest point in the Philadelphia area.

Linked UHF Repeater System

Main site: Mt. Misery, Valley Forge, PA. 443.8+, 750'ASL, 2.6kW ERP
Phil site: Penncampus on top of high rise, 440' ASL, receive-only

Eagles Peak: Lebanon county, PA 442.400+, 1420' ASL, 800 watts ERP
6m remote: Mt. Misery, Valley Forge, PA 52.525 700' ASL, 200 W ERP
Addtional sites will be going up this spring/summer.

Co-sponsored repeaters

These two repeaters are on Penn's campus on High Rise North. We co-sponsor the repeaters with the clubs listed:

146.685- Holmesburg ARC 440' ASL, 800 watts ERP, two remote receivers
442.700+ NEAR-FAR ARC 440' ASL, 700 watts ERP
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
Total members: about 65.
Active members: about 20.
Really active members: about 10.
BANDS ACTIVE:
most
E-MAIL ADDRESSES:
HISTORY
The club was founded around 1921 from what we can tell. The first call sign that the club had was 3KZ. When they switched to the W calls, we were W3ABT. In the 70's, when you could request a call, we got N3KZ to get the old 3KZ back.

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SCHOOL: Purdue University
NAME: W9YB - Purdue Amateur Radio Club (PARC)
ADDRESS: Purdue Amateur Radio Club
Purdue Memorial Union, Box 507
West Lafayette, IN 47907
CLUB OFFICERS: Dave Bunte, K9FN, Staff Advisor
David Moffet, N9SBZ, President
Travis Bailey, N9OXF, Treasurer-Secretary
REPEATERS: 146.76(-) and 444.5(+), located on top of the 15 floor Hawkins Graduate Residence Hall on the Purdue Campus.
CLUB STATION:
Located in the West Tower of the Purdue Memorial Union Building. Drake B transmitter-receiver pair, and there is a Ten-Tec Omni-V on order. 10, 15, and 20 meter monoband beams on top of the Union Building. Kenwood 2 meter all-mode transceiver. MFJ 1274B and adm-5 terminal. 2 meter vertical and horizontal beams. Old homebrew 146.76/.16 repeater, to be replaced very soon with new Motorola unit, along with new 444.5/449.5 repeater. Two packet radio bbs's are on loan (sort of) to the club. w9yb.ecn.purdue.edu (128.46.140.168) is runing JNOS, and provides access to the second bbs on 145.05 (the LAN freq). The second bbs is running f6fbb, and forwards to N5AAA in Noblesville, IN on 223.66 Mhz. Don't mail to w9yb.ecn.purdue.edu, over the internet use either w9yb@en.purdue.edu, or w9yb@w9yb.in.usa

over the AMPRnet.
STATION TELE#: 317-494-2715
ORGANIZATIONS:
YEAR STARTED: Radio communication research was started a Purdue in 1909 or
1910. (Source: Indiana News, 1920) In 1919 the callsign 9YB was
assigned to the Purdue station.
NUMBER OF MEMBERS: approx. 20 active members
BANDS ACTIVE: 80, 40, 20, 15, 10, 6, 2 meters, and 440 mHz
E-MAIL ADDRESSES: President - dpm@cs.purdue.edu
Treasurer - thekid@mentor.cc.purdue.edu
Club Account - w9yb@en.ecn.purdue.edu
HISTORY: Read the book, "A Century of Progress: The History of Electrical
Engineering at Purdue (1888-1988)"

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SCHOOL:
Rensselaer Polytechnic Insitute
NAME:
W2SZ Amateur Radio Club
ADDRESS:
W2SZ Amateur Radio ClubW2SZ Amateur Radio Club
6 Sunset TerraceBox 38, RPI Union
Troy, New York, 12180 Troy, New York, 12180-3515
(518) 276-6578
CLUB OFFICERS
President: Brett Mellor (N1LAG)
BARH 416D, RPI
Troy, New York, 12180
(518)276-7932
mellob@rpi.edu
brett@lancedude.stu.rpi.edu
REPEATERS:
144.820 (-600khz)
224.420 (-1.6Mhz)
443.000 (+5Mhz)
The 144 and 220 machines are cross linked.
Autopatch is offered to members.
CLUB STATION:
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
31
BANDS ACTIVE:
E-MAIL ADDRESSES:
W2SZ sports its own Usenet Newsgroup. It's rpi.union.ham-radio.
Some off campus systems may not be able get it.
HISTORY

W2SZ was originally created as 2SZ by the Troy YMCA around 1910. It
was turned over to Rensselaer Polytechnic Institute in 1917 where

it has been providing services to its members and the community ever since.

The station provides Amateurs with an opportunity to keep in contact with friends at home as well as providing for the learning of radio and basic electronics. The station also provides a friendly and relaxed atmosphere where members can come to get away from the stress of classes and work.

W2SZ, known to members are Zed, is a friendly group of people that are willing to share their knowledge and help those who have an interest in ham radio to get, or advance, their license. In addition they are willing to share their knowledge in the proper maintenance and operation of both club and personal equipment.

The club currently consists of about 30 members and is located at Six Sunset Terrace, Troy, NY. It also has contact with many of the past members who have long since graduated from RPI, or community members who live in the Troy area. It provides the members with many contacts, and also provides the community with a viable method of communication through the repeaters that the club has. In addition to day to day communications, W2SZ also offers lines of communication during periods of crisis. Examples of the Club's community involvement were during the San Francisco earthquake, and during Operation Desert Storm.

=======

SCHOOL:
University of Rhode Island
NAME:
ADDRESS:
University of Rhode Island
Amateur Radio Club
Taft Experimental Laboratory
Kingston, RI 02881
CLUB OFFICERS:
REPEATERS:
none
CLUB STATION:
W1KMV
STATION TELE#:
(401)792-4577
ORGANIZATIONS:
ARRL affiliated since 1965
YEAR STARTED:
1936
NUMBER OF MEMBERS:
BANDS ACTIVE:
E-MAIL ADDRESSES:
Packet W1KMV @ KA1AZ.#SORI.RI.USA.NOAM
HISTORY:

Formed at some time around 1930, but known to be in operation by 1936 as the "Radio Club," encompassing both amateur and broadcast interests. (The University of Rhode Island was previously known as the Rhode Island State College until the 1950s.) Members played an active role in the founding of one of the original eleven college broadcast radio stations, now WRIU-FM.

Civil defense commitments have included operations during the Great Hurricane of 1938 and Hurricane Carol of 1954, in addition to numerous other situations. At various times, the club has done work in earth-moon-earth, satellite, microwave, and similarly exotic modes. URI ARC was among the first stations in New England to use packet radio.

Located for many years in Lippitt Hall, the club station was relocated to the top floor of the Taft Experimental Laboratory in 1986. Taft antedates the university itself by several years, having been built in 1889 to house the old agricultural experiment station which previously occupied the site of the Kingston Campus.

The W1KMV club station license was allowed to lapse, but was renewed by special FCC permission in 1982. Trustees for W1KMV since the renewal have included Wilson Lamb, K4OGP (now N5LFB?), and Prof. Ralph England, WA1YDR.

======
SCHOOL:
Rose-Hulman
NAME:
Rose Tech Radio Club
ADDRESS:
Rose Tech Radio club
5500 Wabash Avenue
Terre Haute, IN 47803
CLUB OFFICERS
President:pettitda@nextwork.rose-hulman.edu
Operations manager: leymp@rosevc.rose-hulman.edu
REPEATERS:
none, ATV repeater in the works
CLUB STATION:
W9NAA
ORGANIZATIONS:
Affiliated 61 years with the ARRL
YEAR STARTED:
1933
NUMBER OF MEMBERS:
14 and counting...
BANDS ACTIVE:
most
E-MAIL ADDRESSES:
none
HISTORY
Herman Moench started our station in 1933

=========

SCHOOL:
Rutgers University Ham Radio Club
CLUB STATION:
WA2NPP
email:
radio@rutgers.edumailing list which goes to officers, advisor,
and trustee
Officers:
President:Tim Hayesthayes@noc.rutgers.edu

======

SCHOOL:
Southeastern Lousiana University
NAME:
ADDRESS:
CLUB OFFICERS
K5CAV (President/Fac Adv); WB5FBS (Fac Adv)
REPEATERS:
no
CLUB STATION:
WD5FIG
Heath & Collins HF gear; triband beam;
2-meter xcvr & 5/8 wave antenna
ORGANIZATIONS:
YEAR STARTED:
NUMBER OF MEMBERS:
varies, this semester 3
BANDS ACTIVE:
80, 40, 20, 15, 10M
E-MAIL ADDRESSES:
email address of officers : fmus1184@selu.edu
HISTORY
formed in '70's by staff members & students

========

SCHOOL:
Washington University
NAME:
Washington University Amateur Radio Club
ADDRESS:
Campus Box 1127
St. Louis, Missouri 63130
CLUB OFFICERS
President: Tefford Reed (N0WYE) twr2@cec.wustl.edu
REPEATERS:
2m repeater on 147.285
CLUB STATION:
Presently we have a decent station with Drake HF gear, a Heath 2KW
linear, driving a 7el beam up about 30ft above rooftop. Also an all
mode Icom on 2m. A 2m repeater on 147.285 recently moved to the top

of a 12 story dorm which now gives us decent coverage of the st. louis and adjacent Ill. areas. There is talk of getting active on packet radio with a TCP/IP gateway to the internet. Also some experimentation with 10GHz microwave.
ORGANIZATIONS:
ARRL
YEAR STARTED:
at least 1947
NUMBER OF MEMBERS:
around 20
BANDS ACTIVE:
E-MAIL ADDRESSES:
planed
HISTORY

We have a club call W0QEV that has been ours at least since 1947 which is the oldest log that we can find. The league claims that we have been affiliated with them since 1949 which makes us one of the older if not oldest club station in the zero call region. This far back though and nobody really knows. Someday we will have to search though old call books from just after the war to see just when that call appears.

The club started as part of the department of electrical engineering here. It became a student union organization around a decade ago and as a result has a steady source of funds. As far as membership, if only that was as steady as funding. The club has students, graduate students, professors, university staff and even alumni. Probably around 20 members but only half that many are easy to get a hold of. There are always to few undergrads!

An addendum to the above. After the war st. louis became part of the zero district as opposed to the old nine district. We have reason to believe that the club was around even before the war, but don't know under which call or how we can research this. The ARRL doesn't know and the fcc doesn't even bother with this type of stuff.

======

SCHOOL:
University of Waterloo
NAME:
VE3UOW
ADDRESS:
CLUB OFFICERS
President: Craig Lemon VE3XCL calemon@sunee.UWaterloo.CA
Staff Advisor: Roger Sanderson VE3RKS rsanders@sunee.UWaterloo.CA
REPEATERS:
VE3WWW
CLUB STATION:
VE3UOW

HF, UHF, Packet TCP/IP BBS
VE3UOW
ORGANIZATIONS:
YEAR STARTED:
1956
NUMBER OF MEMBERS:
about 5 to 15 depending on the term and year
BANDS ACTIVE:
Mostly 2 metres
E-MAIL ADDRESSES:
uwarc-l@sunee.uwaterloo.ca (LISTSERVER)
HISTORY
Oldest club on campus, has been in existance since about 1956.

==========

!!!
The following are clubs which I have been told exist
but the submitters has no furthur information about.
!!!

=======
University of California Amateur Radio Club (WB6KGN)
========
East Tennesee State University.
=========
Southern Illinois University at Carbondale. W9UIH.
=========
SCHOOL:
University of Rochester
ADDRESS:
Rochester, New York
CLUB STATION:
K2ZWI
=======
SCHOOL:
Carnegie Mellon
CLUB STATION:
W3VC
Officers:
President:Thomas.Stricker@SKYLARK.WARP.CS.CMU.EDU
==========
SCHOOL:
Arizona State University
CLUB STATION:
W7TJV
============
SCHOOL:
University of Maryland
NAME:
University of Maryland ARA W3EAX

CLUB STATION:
W3EAX
Email:
World Wide Web URL http:\\w3eax.umd.edu\w3eax.html
==========
SCHOOL:
New Mexico State University
CLUB STATION:
W5GB
=======
SCHOOL:
Drexel University in Philadelphia
CLUB STATION:
W3MGF.
Members:
About 15 active members
======
SCHOOL:
University of Central Florida Radio Club
=========
SCHOOL:
University of Warwick ARS
ADDRESS:
University of Warwick, Coventry, UK
CLUB STATION:
G1UOW
=========
SCHOOL:
Taylor University ARC
ADDRESS:
Upland, Indiana
=========
SCHOOL:
University of Manitoba
NAME:
University of Manitoba Amateur Radio Society
========
SCHOOL:
University of Akron
NAME:
University of Akron ARC - W8UPD
CLUB STATION:
W8UPD
======
SCHOOL:
University of Hawaii
=======
SCHOOL:
Michigan State University
NAME:

Michigan State University ARC
CLUB STATION:
W8SH
========
SCHOOL:
Columbia University
NAME:
Columbia University ARC W2AEE
EMAIL:
See http://www.cc.columbia.edu/~fuat/cuarc/

========
SCHOOL:
Techn. Univ. of Ilmenau.
ADDRESS:
Ilmenau, Germany
EMAIL:
http://www.systemtechnik.tu-ilmenau.de/hamlocal.html

=======

SCHOOL:
Worcester Polytechnic Institute - WPI
ADDRESS:
Worcester, MA
CLUB STATION:
W1YK
HISTORY:
The gentleman that oversees operation is Bob Taylor, NA1Q. He is a lab
instructor at the school.

======

Case Western Reserve University, Cleveland, Ohio (W8EDU)
Univ. of Michigan, Ann Arbor, MI (W8UM)
Syracuse University, Syracuse, NY (WA2SDY, I think).

There are others in this neighborhood (Georgetown Univ., American Univ.,
George Washington Univ., Catholic Univ., Howard Univ., that may have
calls -- active or otherwise...)

======
((end of University and School Amateur Radio Club list 04/03/94))

Special thanks to...

Paul W. Schleck, KD3FU
Matt Trail
Bob Tidd KJ6CS
Dave WO9M
Geoff Gaebel KB9DUX
Gordon Couger
H. Peter Anvin N9ITP

Jeff Depolo
John Schmidt KD4EAI
Keith Poole K7MOA/3
Todd Wheeler N0NUM
Roger K. Sanderson P.Eng.
Tefford W Reed
Michael 'Target' Whaley
Brett Mellor (N1LAG)
ROBERT G. PRIEZ
Peter Laws
Matthew A Gomez

and many, many others

2106. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 20:11:50 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.792879110@melpar>
Source record: 252005

drumhell@claudette.nrl.navy.mil (David Drumheller) writes:

> Agreed. Actually, prior to being `absorbed' into the VE system, I
>believe the Novice test was always administered by a General Class
>license, or higher. So the concept of a VE existed even when the tests
>for the higher class licenses were being administered by the FCC.

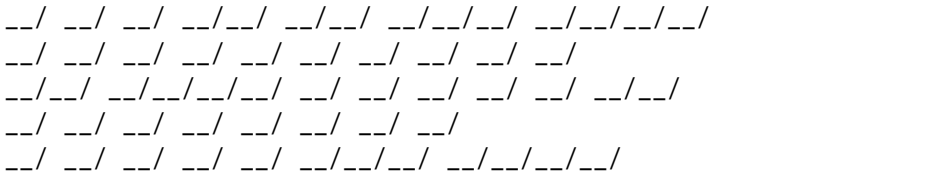
In the 1950s, only the General Class and Extra Class exams were
given at the FCC Field Offices. The Novice, Technician, and Conditional
classes (the latter being the General Class exam for those who lived
more that some airline distance from an FCC examining point; 75 miles
rings a bell) were all given by mail.

The code test was administered by a General Class or higher, meaning
Advanced (there were still a lot of them around, even though the exam
wasn't being given anymore) or Extra. The written exam had to be proctored
by an adult over the age of 21. (but not necessarily a ham!)

My Novice code test was administered in 1956 by W4BXI, but since
he ws only 17 he couldn't proctor my written so I had my high school
principal do that. My Conditional code and written was administered
in 1957 by W4FJ, who held an Advanced license and was *way* over 21!

Incidentally, in the late '50s the General, Conditional, and Technician
exams written exams were identical; only the code test was different
(5 wpm for the Tech, 13 for the other two) - and the priveleges, of course!
Conditional licensees were also prohibited from administering code
tests or exams; only General, Advanced and Extra could do that, as noted
above.

73 DE K4MSG



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

2107. Re: Ni-Cd "memory effect" -- how to correct?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 22:38:02 UTC
From: gdm@fermi.ualr.edu
Message-ID: <3htvoa$9up@news.ualr.edu>
Source record: 252006

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
[...]
: also be avoided. You want to be able to bring the charge back up
: to full from any random partial charge state and then *stop*.

Bravo, Gary. I couldn't have said it better myself.
Maybe someday we can lay to rest all the urban legends about NiCads.
Until then we must keep on quietly speaking the plain truth:
How to avoid "memory?" Get a smart charger.
How to fix a cell or pack that has "memory?" Replace it.
(In the UK: renew it.)
However you say "take it out, throw it away, and put in a new one." "
(Where "memory" is used incorrectly, as usual, to mean a dried-out cell.)

73,
Doug K5DH
A
A
--
==
Doug Mauldin University of Arkansas at Little Rock
gdmauldin@ualr.edu Department of Applied Science

Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
==

2108. info please USA/NORWAY 50MHZ repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 22:58:33 UTC
From: mjeffs@vision.zynet.co.uk
Message-ID: <mjeffs.22.0011FA5A@vision.zynet.co.uk>
Source record: 252007

Hi folks,

You are probably aware of the current UK debate about putting repeaters on 50MHZ.

I am trying to get REAL information from existing users/keepers in the USA and NORWAY.

If you have any useful FIRST HAND info regarding propogation, mobile use, user feedback , problems etc, please post here or replies to my e-mail address.

I will produce a brief report to put onto the UK packet network, so there can be some real facts to inform the debate!

Thanks in advance.

73,

Mark Jeffs G7LJN @ GB7TJF e-mail mjeffs@vision.zynet.co.uk

2109. Kenwood 830 question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 23:02:38 UTC
From: gdm@fermi.ualr.edu
Message-ID: <3hu16e$9up@news.ualr.edu>
Source record: 252008

Our ham club at school was given a Kenwood TS-830S transceiver.
I haven't seen it, but apparently the tubes had been pulled and there
is no documentation. As the resident old-timer, I was asked what
kind of tubes they would have been, but I haven't the foggiest, having never
seen inside one of these rigs (I was always a Drake man.)
With the old Drake tube rigs, the brand of tube in the final stage
was significant due to variation in interelectrode capacitance
in 6JB6 sweep tubes among different manufacturers. Changing
to a different brand required re-neutralizing the final.
Is this a factor in 830s? About tube type numbers: I think
they said the finals were 6146B's, but the driver type was unknown.
Any help?

73,
Doug K5DH

--
==
Doug Mauldin University of Arkansas at Little Rock
gdmauldin@ualr.edu Department of Applied Science

Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
==

2110. IPS Daily Report - 15 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-15 23:18:42 UTC
From: rwc@flare.syd.ips.oz.au
Message-ID: <1995Feb15.231842.17781@ips.oz.au>
Source record: 252009
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 15/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 15 FEBRUARY AND FORECAST FOR 16 FEBRUARY - 18 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 85/27

GOES satellite data for 14 Feb
Daily Proton Fluence >1 MeV: 3.6E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 5.1E+08 (high)
X-ray background: A6.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
16 Feb 17 Feb 18 Feb
Activity Very low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 16 Feb: 87/30

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Mostly unsettled, with an active
period 15-18UT.

Estimated Indices : A K Observed A Index 14 Feb
Learmonth 14 3333 2432
Fredericksburg 10 20
Planetary 11 24

Observed Kp for 14 Feb: 5434 5332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
16 Feb 10 Quiet to unsettled
17 Feb 15 Quiet to unsettled
18 Feb 15 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
15 Feb normal fair-normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
16 Feb normal fair-normal fair-normal
17 Feb normal normal normal
18 Feb normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
15 Feb -18 were 15-20% below predicted monthly values in the
first half UT day and near normal otherwise.
Blanketing sporadic E was observed 12-13UT.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
16 Feb 5 Near predicted monthly values
17 Feb 15 Near predicted monthly values
18 Feb 15 Near predicted monthly values
COMMENT: MUFs at Townsville were 15-30% and at Hobart were 15-20%
depressed in the first half UT day and near normal otherwise.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

2111. Re: General Internet Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 00:19:25 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3hu5md$h28@thor.inlink.com>
Source record: 252010

Dwain Hensley (dwain.hensley@mgmtsys.com) wrote:
: General Internet Survey

: This is a real simple survey I'm conducting for a science project
: and I would really appreciate it if you respond. These questions are
: real general and do not require much thinking. Thank you for your time.

: 1. Country _____USA_____
: 2. City __Coldiron, Kentucky_____
: 3. Occupation _____High School Student_____
: 4. Age _____16_____
: 5. IBM or Mac user _____IBM_____

: Billy Cordray
: ultra@crl.com
: Long live Indica!
: ---
: • OLX 2.1 TD • Internet: dwain.hensley@mgmtsys.com + rec.video.sat.tvro

Hi Billy, I live in St. Louis, MO, my occupation is Hydroculture, I am an
Olericulturist, my age is 47, as far as PCs, I have two Mac Plus's, one
MAC SE, and three IBM clones, Now for my cojpu
Now for my computer, I have a WANG VS and two WANG OIS systems.

2112. Re: BNC what is stands for...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 04:53:40 UTC
From: rkirk1@umbc.edu
Message-ID: <3hulok$98i@news.umbc.edu>
Source record: 252011

Team OS/2'er (steuer@eden.rutgers.edu) wrote:
: if I remember right, BNC stands for British Naval Connector, but if anyone has the file that describes this, if you could mail it to me I would really appreciate it! Thanks!
: Rob

: --
: ==
: | Robert M. Steuer email: steuer@eden.rutgers.edu FCC Radio Lic: KF2EK |
: | MEMBER OF TEAM OS/2, Novell CNA [71% CNE] Want to Rollerblade? Email me.. |
: ==

It's the *B*ayonet version of the *N*eill-*C*oncelman connector,
as opposed to the *T*hreaded version (TNC). At least I think that's
right.
Bob N3OZB

2113. How to open up wideband receive on FT-530?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 05:33:36 UTC
From: rodell@netcom.com
Message-ID: <rodellD42vG1.I0q@netcom.com>
Source record: 252012

I just received my second FT-530, and I can't remember how I programmed
the first one for wideband receive with direct entry.

Could someone please enlighten me (and I'll write it down this time)?

Thanks in advance!

rob

--
_/_/_/

2114. Re: Database for vanity ca

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 07:27:58 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <792919678snz@microvst.demon.co.uk>
Source record: 252013

In article <792849602.AA00508@hamlink.hamlink.mn.org>
k0hb@hamlink.mn.org "Hans Brakob" writes:

> You will submit a list of up to 25 calls in order of preference (#1
> at the top). The call you would get would be the highest one that is
> available on your list. If none were available, you would revert to
> your current call and your check would be refunded.

I was thinking of applying in Gate 2. Any chance that I will be able to
find out what calls became unavailable as a result of Gate 1 before the
Gate 2 deadline?

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2115. Opinions about FT-ONE

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 09:19:42 UTC
From: uiahmed@uxa.ecn.bgu.edu
Message-ID: <3hv5be$hd8@news.ecn.bgu.edu>
Source record: 252014

I have recently bought a FT-ONE with all accessories and filters
installed. I will be mainly using it for DXing. I have never seen any
mods or discussion about this rig on this group. Need to know more about
this rig. Will be using it in my shack in AP-land. Appreicate any comments.

Khan (N7OLJ / AP2CW)

2116. Re: 2M repeaters in France

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 09:32:33 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <792927153snz@g4kfk.demon.co.uk>
Source record: 252015

Hi Robert,

In article <8A353EA.00CB00251B.uuout@camel.com>
robert.brandon@camel.com "ROBERT BRANDON" writes:

> Bernard, thanks for the info on 2M in France. I would very much appreciate
> any listings, maps, etc. of 2M repeaters there. Thanks and 73, Robert
> WD5AAT

```
Call Ch Locator Location Dept mASL Comments
------ -- ------- ---------------------- ---- ---- ----------------
FZ1THF 0 JN18CS CLAMART / PARIS 92 205
FZ3VHF 0 IN88HL PLOUGONVER/St BRIEUC 22 320
FZ5VIL 0 ....... VILLENEUVE sur LOT 47 RELAIS URBAIN
FZ0VHF 1 JN07WT LA SOURCE/ORLEANS 45 166
FZ3VHD 1 IN78VC IROISE/QUIMPER 29 300
FZ5VHC 1 JN03HN AUCH 32 250
FZ6THF 1 JN37NX Pt BALLON/COLMAR 68 1168
FZ8VHC 1 JN24BW Mt D'ALAMBRE 43 1691
FZ8GRB 2 JN25UD ECHIROLLES/GRENOBLE 38 218 RELAIS URBAIN
FZ1VHB 2 JN18PN PROVINS 77 153
FZ4VHF 2 JN05MP BUSSIERE GALAND/LIMOGES 87 517
FZ9VHB 2 JN24MD GIGONDAS/AVIGNON 84 315
FZ3VHC 3 IN98EC CESSON-SEVIGNE/RENNES 35 100
FZ6VHC 3 JN39AF MOYEUVRE/METZ 57 347
FZ9MCA 3 JN33RS Mt AGEL/MONACO/NICE 06 1025
FZ8VHB 3 JN25XQ Mt REVARD/CHAMBERY 73 1550
FZ2VBR 3x JN19IQ VERBERIE /SENLIS 60 114 Relais local
FZ3THF 4 IN98XK Mt DES AVALLOIRS/ALENCON 61 420
FZ4THF 4 IN92OX PIERRE St MARTIN/PAU 64 1765
FZ6VHD 4 JN28ME SEXFONTAINES/CHAUMONT 52 425 Entree UHF 431.375
FZ9VHC 4 JN24VC MONTAGNE DE LURE/DIGNE 04 1805
FZ2VHC 5 JN09CM LE HAVRE 76 95
FZ4VHB 5 IN94UR CAPIAN/BORDEAUX 33 137
FZ9VHD 5 JN23XE BORMES LES MIMOSAS 83 650
FZ2THF 6 JO10LA SAILLY SAILLISEL/PERONNE 80 210
FZ4VHC 6 IN95OX MORAGNE/ROCHEFORT 17 60
FZ5VHF 6 JN13FK PIC DE NORE/ALBI 81 1195
FZ7VHB 6 JN26FP MONCEAU 71 600
FZ9VHE 6 Col de Turini / NICE 06
FZ3VHB 7 IN96LV Mt DES ALOUETTES 85 265
FZ7THF 7 JN26WX Mt POUPET/SALINS 39 850
FZ9THF 7 ? L'ETOILE / MARSEILLE 13 800
FZ2VHB 8B IN98PX AUNAY SUR ODON / CAEN 14 327
FZ7VHF 8B JN17US LE RADAR/AUXERRE 89 358
```

FZ9VHF 8B JN12JK PIC DE FONFREDE/PERPIGN. 66 1100
FZ8VHD 8B JN25AC LE PUY 43 1020
TK1VHF 9B JN42QQ SERRA DI PIGNO/BASTIA 2B 960
FZ1VHF 9B JN09TD BUS St REMY/VERNON 27 210
FZ8VHF 9B JN25HR Mt BARMONT / LYON 69 888
FZ0THF 10 JN07JP MONTHODON/TOURS 37 170
FZ5VHB 10 JN14SP SIGNAL DE RANDON/MENDE 48 1550
FZ6VHB 10 JN38OI VALSBERG/STRASBOURG 67 700
FZ8LYN 10 ..... LYON (Ville) 69
TK2VHF 11 JN41IW LA PUNTA / AJACCIO 2A 700
FZ8THF 11 JN15JM CLERMONT-FERRAND 63 1820
FZ0VHB 12 JN06WS AIGURANDE/CHATEAUROUX 36 470
FZ5THF 12 JN02TW PRAT D'ALBI/FOIX 09 1205
FZ6VHF 12 JN18XX EPERNAY 51 243
FZ9VBR 12 JN34IV BRIANCON 5 2432
HB9G 5 JN36BK POELE-CHAUD / GENEVE 1628 FRANCO SUISSE

Channels:

Input	Output
R0	145.000	145.600
R1	145.025	145.625
R2	145.050	145.650
R3	145.075	145.675
R3x	145.0875	145.6875
R4	145.100	145.700
R5	145.125	145.725
R6	145.150	145.750
R7	145.175	145.775
R8b	144.725	145.325
R9b	144.750	145.350
R10	144.775	145.375
R11	144.800	145.400
R12	144.825	145.425

R0 to R7 are in use throughout Europe. R3x and R8b to R12 are unique
to France.

All repeaters in France are accessed with a short 1750Hz toneburst.
With a bit of practice a short whistle will work as well (try doing
that with CTCSS repeaters!) See '1750Hz Hospitality' PP105 QST Jan 95.

From personal experience, unless you speak French, don't bother taking
a rig with you - it'll be deadweight.

Mike Gathergood
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

2117. The QRP Clubs List (0.96)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 13:31:24 UTC
From: sz0026@cd4680fs.rrze.uni-erlangen.de
Message-ID: <3hvk3cE657@uni-erlangen.de>
Source record: 252016

Reply-To: Richard Hieber <sz0026@daphne.rrze.uni-erlangen.de>
Archive-name: qrp-clubs-list
Last-Updated: 1995/02/15

---------- Begin of The QRP Clubs List ----------

==========
THE QRP CLUBS LIST The QRP Clubs List
Version 0.96
February 15, 1995
Compiled by Richard Hieber, DL8MFQ/AA8CP.
Email: <sz0026@daphne.rrze.uni-erlangen.de>
Packet: [dl8mfq@db0sif.deu.eu]

~Subject: The contents:

This file contains information about the following QRP clubs:

o 9A-QRP Club
o Arbeitsgemeinschaft CW / Activity Group Telegraphy (AGCW-DL)
o QRP Club ARI
o QRP Amateur Radio Club International (QRP ARCI)
o Benelux-QRP Club
o Grupo-QRP do Brasil
o QRP Club of British Columbia (BC QRP)
o QRP Society of Central Pennsylvania (QSCP)
o Cleveland QRP Amateur Radio Club
o Colorado QRP Club (CQC)
o CW Operators QRP Club
o EA QRP Club
o EA8 QRP-DX Club
o G-QRP Club (G-QRP-C)
o Italian QRP Club (I QRP)
o JA-QRP Club
o MFJ 90's Radio Club
o Michigan QRP Club (MI QRP, M-QRP)
o The QRP Club of New England (NE QRP)
o The QRP Club of Northern California (NorCal QRP)
o NorthEastern Illinois QRP Society (NEIQS)
o The NorthWest QRP Club (NW QRP)
o NorthTexas QRP Club (NorTex, NQC)
o OK QRP Club (from the Czech Republic)
o Oklahoma QRP Club (OK QRP)
o St. Louis QRP Society (SLQS)

o U-QRP Club
o WI QRP Club
o ZS-Algoa QRP Group

The ordering of this list is somewhat arbitrary though it tries to follow the alphabet :-) No weighing is intended.

Two list entries here are somewhat special:

- The "MFJ 90's Radio Club" is focussed on the MFJ 90xx series of QRP transceivers but not affiliated with the company. Rather than being a club it is more a newsletter and its readership.

- The "AGCW-DL" is not a QRP club but rather a CW club. It is in the list because of its strong QRP activites and because there is no dedicated German QRP club.

In addition to all that you'll also find information about defunct clubs and newsletters, ceased activities, 'unofficial' groups and a small paragraph about the world famous INET QRP Club ;-)

Spelling and punctuation tries to follow European standards.

~Subject: The format:

ABBR: Abbreviation
FULL: Full name
PRES: Club President
ADDR: Contact address for membership and info
SINC: In existance since ...
COST: Membership cost (yearly)
NEWS: Club newsletter, name and frequency
NUMB: Current membership numbers (approximately)
MEET: Regular meeting
QNET: QRP nets, 'on the air' meetings
PROJ: Previous and current projects
TEST: Contests, activity periods
AWRD: Awards
COMM: Comments

The NUMB entry is only meant to give a rough indication about how big the club is. The numbers given are not precise and cannot be. The number of active members is not equal to the last issued membership number - some former members are SK now or have left the club. A good indication of active membership numbers is the number of people that subscribe to the club newsletter.

The PROJ entry isn't meant to be a listing of all the building projects that any club member has ever done. Rather it should list all the projects that were designed by a club member, were realized by several others and are available as a circuit diagram, kit or

whatever. This entry shows you where household names like 'Epiphyte'
or 'Sierra' originated.

Similar story with the TEST entry: It is not a list of activities the
particular club *participates* in, but rather a list of activities
that *originate* within the club. There is no space to give details.
By supplying the name everybody can see that a special activity exists
which will give him the starter to ask for more information.

I would also like to supply information about regular 'on the air'
meetings of the clubs (entry QNET). If you know about such activities,
please notify me; my address is at the end of this file.

In this revision of the QRP Clubs List lots of entries are empty,
because information is missing. I didn't delete them to encourage
feedback so that I can make the list more complete. But I know it
looks stupid - so this will change in future revisions of the list.

Addresses in <brackets> are Internet email addresses; those in
[brackets] are valid in the Amateur Packet Radio network.

~Subject: The list:

ABBR:
FULL: 9A-QRP Club
PRES:
ADDR: 9A-QRP Club
Franjevacka 5,
42220 NOVI MAROF
CROATIA
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: AGCW-DL
FULL: Arbeitsgemeinschaft CW (Activity Group Telegraphy)
PRES: Martin Hengemuehle, DL5QE
ADDR: Service-Referat:
Tom Roll, DL2NBY
Richard-Wagner-Str. 11
90513 Zirndorf
GERMANY
~~~~~~

QRP:
Ha-Jo Brandt, DJ1ZB
Eichenweg 7
84160 Frontenhausen
GERMANY
SINC: 1971
COST: 15,- DM
NEWS: "AGCW-DL INFO", two times a year
NUMB: 2.350 (assigned membership numbers)
1.900 (subscribed to newsletter)
QRP-friends: > 100
MEET: each year at Easter in Buedingen (Hessen, Germany)
QNET:
PROJ:
TEST: AGCW-DL-QRP/QRP-Party, QRP-Winter-Contest, QRP-Summer-Contest
AWRD: QRP-CW-500, QRP-CW-250, QRP-CW-100
COMM: *NOT* a QRP club, but has a strong QRP section!
Virtually every AGCW contest has a QRP class. The listed ones
are *pure* QRP contests.

~~~~~~

ABBR:
FULL: QRP Club ARI
PRES:
ADDR: Sandro Santucci, I0SKK
Via Simon Boccanegra 8
Rome 00162
ITALY
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: QRP ARCI
FULL: QRP Amateur Radio Club International
PRES: Les Shattuck, WB2IPX
ADDR: USA:
ARCI
c/o Mike Bryce, WB8VGE <73357.222@CompuServe.COM>
2225 Mayflower NW
Massillon, OH 44647
USA

GB:
Dick Pascoe, G0BPS <dick@kanga.demon.co.uk>
Seaview House
Crete Road East
Folkestone, Kent CT18 7EG
ENGLAND

SINC: 1961, adopted the 'true QRP' power limit of 5 watts in 1979
COST: USA: $14 new member, $12 renewal
DX: 7 Pounds new member, 6 Pounds renewal
NEWS: "QRP Quarterly" (QQ), quarterly (January, April, July,
October)
NUMB: 8.800 (assigned membership numbers)
1.500 (subscribed to newsletter)
MEET:
QNET: ARCI sponsored nets:
Transcontinental Net (TCN) : Sundays, 23:00 UTC, 14.060 MHz
Western States Net (WSN-80): Sundays, 04:00 UTC, 3.558 MHz
Southeast Net (SEN) : Tuesdays, 00:01 UTC, 7.030 MHz
Gulf States Net (GSN) : Wednesdays, 02:00 UTC, 3.560 MHz
Great Lakes Net (GLN) : Wednesdays, 02:00 UTC, 3.560 MHz
Northeast Net (NEN) : Saturdays, 12:00 UTC, 7.040 MHz
Western States Net (WSN) : Saturdays, 16:00 UTC, 7.040 MHz
Some nets change frequencies and times with the arrival of
Daylight Savings Time.
PROJ: Twofer Transmitter (in the 80's)
TEST: Spring QSO Party, Fall QSO Party, a variety of sprints for
both CW and SSB
AWRD: QRP-25, WAC-QRP, WAS-QRP, DXCC-QRP, 1000-mile-per-watt
(kM/W), QRP-NET (QNI-25)
COMM: The QRP ARCI promotes on the air QRP operation, the use of
designated QRP calling frequencies, regular QRP nets, and a
program of QRP operating awards and contests. Oldest
organisation of its kind; but since the 5 watts power limit
was adopted only later, the G-QRP Club is arguably the first
real QRP club still in existance.

~~~~~~

ABBR: BQC
FULL: Benelux-QRP Club
PRES: ---
ADDR: P.O.Box 15, NL-2100 Heemstede, The Netherlands
SINC:
COST: In Holland: HFl 15 (Postgiro 1994925 for Penningmeester
Benelux, QRP-club, Haarlem)
In Belgium: BEF 300 (Postgiro 000-0789637-57 for E. Smekens,
ON4ASE, Mercatorlaan 46, B-3150 Haacht)
NEWS: "Benelux QRP Club Nieuwsbrief", in dutch with a short english
summary of the main articles, published quarterly, about 50
pages.
NUMB: 550 subscribers, 750 assigned membership numbers
~~~~~~

MEET: General meeting in september + camping weekend in june
QNET: CW : Sundays, 11:00 am local time, 3560 kHz
SSB: Saturdays, 10:30 am local time, 3795 kHz
PROJ:
TEST: BQC Activity week (end of december); BQC marathon
AWRD: Worked BQC
COMM: Benelux = active in BElgium, the NEtherlands, LUXemburg.
Most members from PA, some from ON, only a few from LX.
The club runs a small pcb and copy service.

~~~~~~

ABBR:
FULL: Grupo-QRP do Brasil
PRES:
ADDR: P.O.Box 700
28600 Nove Fribargo
Rio de Janeiro
BRASIL
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: BC QRP
FULL: QRP Club of British Columbia
PRES:
ADDR:
SINC: 1984
COST:
NEWS: ---
NUMB: abt 30
MEET: quarterly meetings, two on Vancouver Island, two on the
mainland
QNET: We presently have three brief nets on 75M nightly.
1600 & 1900PST on 3729KHz.
2220PST on 3760KHz to talk with the NorCal boys in CA.
PROJ: Epiphyte, Neomyte
TEST:
AWRD:
COMM: strong activities in QRP SSB construction.

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~~~~~~

ABBR: QSCP
FULL: QRP Society of Central Pennsylvania
PRES: John Jaminet, W3HMS (Tech); Bob Wicks, W3HAH (Admin)
ADDR: Cameron Bailey, KT3A
PO Box 173
Mount Wolf, PA 17347-0173
USA
SINC: 1993
COST: US: $4.00 for the newsletter
NEWS: "QRP Gazette"
NUMB: 13
MEET: Monthly, third Monday. Contact KT3A for locations.
QNET:
PROJ: SWR Meter
TEST: Regular field operations as a group.
AWRD: ---
COMM: Meetings 98% technical/operational - Admin 2%.
Serving the needs of local QRP'ers in Central PA.

~~~~~~

ABBR:
FULL: Cleveland QRP Amateur Radio Club
PRES:
ADDR: Bruce A. Wright, N8MWL
P.O. Box 14052
410 Superior Ave.
Cleveland, OH 44114-9998
USA

SINC: 1993
COST: ---
NEWS: ---
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: Still alive?

~~~~~~

ABBR: CQC
FULL: Colorado QRP Club
PRES: Rich High, W0HEP, <W0HEP@aol.com>
ADDR: Colorado QRP Club <CQC@aol.com>
14261 E. 4th Ave. #161
Aurora, CO 80011-8711
USA
Tel. 303-344-1220, Fax: 303-344-0741
SINC: January 1994
COST: US: $10.00

NEWS: "The Low Down", bi-monthly
NUMB: 109
MEET: bi-monthly (Jan., Mar., May, July, Sept., Nov.)
QNET: Local interest in QRP stimulated by weekly Monday night CQC
QRP Information Net held on linked 2 meter repeaters in
Denver and Colorado Springs covering Cheyenne, WY to Pueblo,
CO (200 miles). (8:00 pm, 147.225, 145.160, simplex: 146:445)
PROJ:
TEST: Winter QSO Party (Feb.), Summer QSO Party (Aug.)
AWRD: Colorado QRP Counties Award
COMM: QRP programs are also given to other area ham clubs.

~~~~~~

ABBR:
FULL: CW Operators QRP Club
PRES:
ADDR: Kevin Zietz, VK5AKZ
41 Tobruk Ave.
St. Marys, SA 5042
AUSTRALIA
SINC:
COST: VK: A$10, ZL: A$12, DX: A$14
NEWS: "LO KEY"
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR:
FULL: EA QRP Club
PRES:
ADDR: Sr. Miguel Molina, EA3EGV
Avenia Rio de Janeiro 123 2-1
08016 Barcelona
SPAIN
SINC: November 1993
COST:
NEWS: "QU-ERE-PE", in Spanish, quarterly
NUMB: 50
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR:
FULL: EA8 QRP-DX Club
PRES:
ADDR: Agipito Montero Martin, EA8EY
c/Molinos de Viento 2-20
Santa Cruz de La Palma
Canary Islands
SPAIN
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: G-QRP-C
FULL: G-QRP Club
PRES: Rev. George Dobbs, G3RJV <g3rjv@gqrp.demon.co.uk>
ADDR: The G-QRP Club <g3rjv@gqrp.demon.co.uk>
Rev. George Dobbs, G3RJV
St. Aidan's Vicarage
498 Manchester Road
Rochdale, Lancs OL11 3HE
UK
Tel/fax: 0706 31812 (+44 706 31812)

There are local representatives in

AUSTRIA:
Johann Auerbaeck, OE6JAD
Kirschenhofersolg. 120
A-8241 Dechantskirchen
Tel. 3339-23335

BELGIUM:
Rene Anrijs, ON4KAR
Fonds des Vaulx 69a
B-5640 Biesme-Mettet
Bank Account: 250-0062335-49
Tel. 071/ 726039

FRANCE:
Jean-Michel Yeromonahos, F5OQO
2, Allee d'Hamadan
91400 Orsay

GERMANY:
Rudi Dell, DK4UH
Weinbietstr. 10
W 67459 Bohl-Igglheim
Tel. 06324/64116

NEW ZEALAND:
Mike Sheffield, ZL1ABS
Albany Highway
AUCKLAND
1 R D Albany

THE NETHERLANDS:
Peter Halpin, PE1MHO
Ch. Kohlerst. 69
Tel. 074 771832
Postgiro 2730858
7558 VB HENGELO

USA:
G-QRP Club
Mike Kilgore, KG5F
2046 Ash Hill Rd.
Carrollton, TX 75007

SINC: 1974
COST: UK: 6 Pounds
abroad 6 Pounds or $14
At local representatives:
DL: DM 18
F: Frs 60
ON: BEF 350
PA: HFL 21.50
USA: $ 12
ZL: NZ$ 15
All cheques must be made payable to "G-QRP CLUB".
NEWS: "SPRAT" (Small Powered Radio Amateur Transmitter), quarterly,
abt 40 pages. Bylaws specify that SPRAT shall always contain
at least 60% technical material.
NUMB: 8.000 (assigned numbers)
4.500 (currently subscribed to newsletter)
MEET: Mini-Convention in Rochdale (QTH of G3RJV),
Yeovil QRP and Construction Convention, Summer QRP Party,
German section: in Koenigswusterhausen in October,
in Pottenstein in May
QNET:
PROJ: Sudden Receiver
TEST: Winter Sports
AWRD: QRP-WAC, QRP-Master, QRP-Countries, Worked G-QRP Club, Two-way
QRP, CW Novice,
Chelmsley Trophy, Suffolk Trophy, G4DQP Trophy, Partridge
Trophy, G2NJ Trophy

COMM: The largest QRP club in the world, by active membership
numbers! The Club is also a prolific book producer, most of
which are available from the RSGB.

~~~~~~

ABBR: I QRP
FULL: Italian QRP Club
PRES: ---
ADDR: Contest: Marcello [ik7hin@i7ozv.ipug.ita.eu]
How to join: Franz [i7ffe@ik7nxq.ipug.ita.eu]
SINC: October 1994
COST: ---
NEWS: ---
NUMB:
MEET: before june or july 1995 will be a nice qrp meeting in a
lovely locality of central italy.
QNET:
PROJ:
TEST: QRP Spring Test
AWRD: I QRP Club Award (IQCA)
COMM: No president, no secretary, no subscriptions dues.
If you will contribute to I QRP Club you're welcome.
Accepted only SAE, IRC, for correspondence.

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ABBR:
FULL: JA-QRP Club
PRES:
ADDR: Takahisa Masuzawa, JH1HTK
1-8 15 Oogigaya
Kamakura
Kanagawa 248
JAPAN
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

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ABBR:
FULL: MFJ 90's Radio Club
PRES:
ADDR: Joe Falcone, AA8HV, Editor
~~~~~~

3000 Town Center
Suite 2370
Southfield Mich 48075
USA
SINC: 1993
COST: None. The editor asks for articles from the users.
NEWS: "The Nineties", 6 to 10 issues annually.
Concentrating on the MFJ 90xx series of TRXes.
NUMB: abt 150
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: The MFJ club is not affiliated with the company. It was
started and is being run by Joe Falcone as a non-profit
service.

~~~~~~

ABBR: MI QRP, M-QRP
FULL: Michigan QRP Club
PRES: Lowell D. Corbin, KD8FR
ADDR: L.T. Switzer, N8CQA
Michigan QRP Club
654 Georgia Ave
Marysville, MI 48040
USA
SINC: January 19, 1978
COST: US: $7 new member, $5 renewal; DX: $12 new member, $10
renewal
NEWS: "The Five-Watter" (T5W), abt 20 pages, quarterly, all
original articles
NUMB: approx. 1300-1400
MEET: 1st Sat. each Month 10am Country Jim's Rest. Davison, MI
QNET: MI-QRP Net, Tuesdays eves 9pm EST & ESDT, 3.535 MHz
PROJ: ---
TEST: Michigan QRP Club Contest (MI QRP Test)
AWRD: Net Check-In Certificate
COMM: Very cool pins ($5) and coffee mugs ($7) available. Shares
table with G-QRP and ARCI at Dayton. You can start a local
"chapter" in your neighborhood, details via Buck N8CQA.

~~~~~~

ABBR: NE QRP
FULL: The QRP Club of New England
PRES:
ADDR: Jack Frake, NG1G
PO Box 1153
Barnard, VT 05031

USA
SINC: 1991
COST: US: $10 new member, $7 renewal
NEWS: "72", quarterly
NUMB: 210
MEET:
QNET:
PROJ: 79er transmitter, NE40-40, NE30-40
TEST: QRP-Afield, 79er Colorburst Sprint
AWRD:
COMM: The club project: The idea was 40 meters for $40, and 30
meters for $40, hence the names.
QRP-Afield is a terrific little contest that takes home-brew
rigs out into the field to be used the way they were designed
to be used.

~~~~~~

ABBR: NorCal QRP
FULL: The QRP Club of Northern California
PRES: Doug Hendricks, KI6DS, <dh@deneb.csustan.edu>
ADDR: Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821
USA
SINC: June 1993
COST: Membership is free but subscription to newsletter is not.
US: $5; DX: $15 (airmail)
NEWS: "QRPp", quarterly (March, June, September, December), SPRAT
size, abt 72 pages
NUMB: > 1.000
MEET:
QNET: ---
PROJ: Sierra, NorCal-40(a)
TEST: Spring QRP to the Field
AWRD:
COMM: Yearly club projects, monthly meetings, small get togethers.
Membership numbers are growing really fast!

~~~~~~

ABBR: NEIQS
FULL: NorthEastern Illinois QRP Society
PRES:
ADDR: Don Kozlovsky, KE9GG
28 W 256 Purnell Rd.
West Chicago, IL 60185
USA
SINC: 1991
COST: ---
NEWS: "NEIQS Newsletter", quarterly (SASE)

NUMB: 85
MEET:
QNET: NEIQS Net, 0200Z Wednesdays 3.560 MHz
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: NWQ, NW QRP
FULL: The NorthWest QRP Club
PRES:
ADDR: Bill Todd, N7MFB
NW QRP Club
2418 55th Ave. SW
Seattle, WA 98116
USA
SINC: 1992
COST: US: $10 new member, no annual dues
NEWS: "The NWQ Newsletter", bi-monthly
NUMB: 250
MEET:
QNET: NWQRP Net, 0400Z Tuesdays 10.123, 1530Z Saturdays 7.035 MHz
PROJ:
TEST: NW QRP Club Contest
AWRD:
COMM:

~~~~~~

ABBR: NorTex QRP (NQC)
FULL: NorthTexas QRP Club
PRES: Chuck Adams, K5FO, <adams@chuck.dallas.sgi.com>
ADDR:
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: OK QRP
FULL: OK QRP Club
PRES: Petr Doudera, OK1CZ
ADDR: Petr Doudera, OK1CZ
~~~~~~

U 1.baterie 1
162 00 Praha 6
CZECH REPUBLIC

There are contacts to a Slovak QRP group:
QRP rubric
Roman Vavro
Latoricka 15
821 07 Bratislava
SLOVAKIA

SINC:
COST: 15 IRC's or $10, DM 15, 5 GB Pounds. IRC's preferred.
NEWS: "OK QRP INFO" (OQI), quarterly, has English translations for
most of the text, SPRAT-size, abt 30 pages
NUMB: 200
MEET:
QNET:
PROJ:
TEST: Europe for QRP Weekend, CZEBRIT, QRPp Activity Day
AWRD: Worked OK-QRP Club Award
COMM: Not to be confused with the Oklahama QRP club!

~~~~~~

ABBR: OK QRP
FULL: Oklahoma QRP Club
ADDR: Don Kelly, KA5UOS
703 West 8th St.
Edmond, OK 73003
USA
SINC: 1988
COST: $10
NEWS: "Oklahoma QRP", quarterly but somewhat irregular. Backissues
available.
NUMB: 120
MEET:
QNET: Oklahoma QRP Net, 1430Z Sundays 7.060 MHz
PROJ:
TEST:
AWRD:
COMM: Not to be confused with the OK QRP Club in the Czech Republic!
All newsletter articles include a basic understanding of how
each circuit functions. Our aim is to help the new ham make
the transition from kits to scratch homebrew.
Don Kelly is not the editor of the club newsletter
any more - he has turned that over to somebody else, but will
probably resume after finishing school.

~~~~~~

ABBR: SLQS
FULL: St. Louis QRP Society
PRES: Andy Becker, W0NVM
ADDR: c/o Keith Arns, KC0PP
2832 Penbrooke Lane
St. Charles, MO 63301
USA
SINC: November 1987
COST: $12.00
NEWS: "The Peanut Whistle", monthly
NUMB: 40-45
MEET: Third Wednesday of each month, at Florissant Valley Community College
QNET: First Wednesdays of the month, 8:00 p.m., on the 145.33 (-600) repeater.
PROJ: many club generated kits, mostly reproductions of other designs, for club members only.
TEST: Homebrew Competition (in January)
AWRD: Annual Member's Service Award
COMM: Events: Field Day, Fall Outing, Tailgate Sale, Annual Dinner Meeting.
SLQS is a *local* club. Members wishing to join should live in our immediate metropolitan area and are requested to attend at least one meeting before joining.
SLQS has no by-laws, elected officers and other formalities. We have a volunteer president or "master of ceremonies" and a volunteer treasurer.

~~~~~~

ABBR: U-QRP
FULL: U-QRP Club
PRES:
ADDR: P.O. Box 100
Saransk - 31
RUSSIA 430031
SINC:
COST:
NEWS: The newsletter is in Russian.
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: WI QRP Club
FULL:
PRES:

ADDR: WI QRP Club
PO Box 111
Brandon, WI 53919-0111
USA
SINC:
COST: Dues voluntary - $5 to $10 suggested.
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: Is this club still alive? (Probably not - didn't get off the
ground ...)

~~~~~~

ABBR:
FULL: ZS-Algoa QRP Group
PRES:
ADDR: Walde M. Bartie, ZS2WM
Algoa Branch SA Radio League
P.O.Box 10050
Linton Grange
Port Elisabeth 6015
South Africa
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~Subject: Defunct clubs and newsletters, ceased activities:
----

o QRP society of the UK (1949-1964?)
o Pacific Amateur Radio Group (?)
o Illinois QRP Society (ILQRPS) (?)
o "K5FO QRP newsletter" (1994)
o "The Milliwatt" (1970-1975)

~Subject: 'Unofficial' groups:

~~~~~~

o The DRAGONSLAYERS QRP Group

This is mainly a Dutch group of amateurs with guest members from two other countries only. Dick Pascoe, G0BPS, is the only British member. Three Germans are also members being a family, husband, wife and son. There are no membership fees, no magazine, no contests etc, just a group of friends. Membership is by invitation only!

o Zuni Looper Mountain Expeditionary Force

This is a local gathering of QRP ARCI members in Southern California, who operate Field Day with QRP; the name refers to the particular part of the State or National Park they always operate from (the Zuni Loop area of the park). They are well known and admired for the *HUGE* wire antennas they erect.

o Maryland Milliwatt Club

The club was founded in 1992 by two members. Membership is by invitation only. Mailing Address: Maryland Milliwatt Club, 3052 Fairland Rd, Silver Spring, MD 20904.

o World QRP Federation (WQF)

The only thing I know is that Gus, G8PG is president. I suppose it's a kind of QRP cover organisation. Can anyone give more info on this?

~Subject: Acknowledgments:

I was using the club list maintained by Bill Kelsey, N8ET, as a basis for this list. Much later when perusing the QRP-L archives I discovered that Chuck Adams, K5FO, had already compiled a list which contained clubs that I didn't know about. Additional information came from other contributions to QRP-L and from assorted printed material, most notably publications of the G-QRP Club. Thanks for very helpful contributions and corrections from (sorted by callsign):

Guenter, DL2LBF, [dl2lbf@db0hro.deu.eu]
Dick Pascoe, G0BPS, <dick@kanga.demon.co.uk>
Walter Palings, ON7PX, <Walter.Palings@belspo.be>
[on7px@on4cp.vbt.bel.eu]
Chuck Adams, K5FO, <adams@chuck.dallas.sgi.com>
Cameron Bailey, KT3A, <C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL>
Bill Kelsey, N8ET, <N8ET@delphi.com>
David Gauding, NF0R, <david.gauding@slug.st-louis.mo.us>
Charlos Potma, PA3CKR, <charlos@rivm.nl>
Rich High, W0HEP, <W0HEP@aol.com>
L.B. Cebik, W4RNL, <cebik@utkvx.utk.edu>
Byron, WA8LCZ, <Byron8LCZ@aol.com>
Mike Czuhajewski, WA8MCQ, <Mike.Czuhajewski@hambbs.wb3ffv.ampr.org>

Paul, WB8ZJL, <prvalko@vela.acs.oakland.edu>

Special thanks go to one great club that hasn't been mentioned yet,
and this file would not not exist if the net did not exist:

o The Internet QRP Club (INET QRP)

Members meet constantly on a facility called the QRP-L mailing list.
This mailing list is maintained by Majordomo. Send mail to
<listserv@netcom.com> with the following commands in the body of the
message (the subject is ignored)

To subscribe: subscribe qrp-l
To unsubscribe: unsubscribe qrp-l
For more information: help

To send a message to the list, mail it to <qrp-l@netcom.com>.

~Subject: Legalese:

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to copy and redistribute this document for noncommercial purposes
provided that it remains complete and unmodified and reasonable
attempts are made to use the latest version.

The editor makes no guarantee as to the usefulness of the information
provided herein. The editor takes no responsibility for any damages
resulting from the information provided in this list. If you are in
doubt, please post a question to the QRP-L mailing list or ask your
local elmer :-)

~Subject: Update information:

This is what I call a beta version of the QRP Clubs List. I intend to
to make this list up to date and as complete as possible. Therefore I
need your help.

If you find outdated information or errors in this list, please let me
know. If you know of any QRP club that you feel should be in this
list, then let me know, too. The same applies if you have ideas on how
to improve this list. Since English is a second language to me, I'd
also be grateful for hints on mistakes with grammar or vocabulary.
Please note that I try to stick to European conventions in spelling
and punctuation 'cause this is what I learned in school.

For the most up-to-date copy of this list, send email to
<sz0026@daphne.rrze.uni-erlangen.de> or a packet radio message to
[dl8mfq@db0sif.deu.eu]. From version 1.00 onwards this file will be
available via a FTP site also (probably SUNSITE.UNC.EDU).

```
\\|//
(^ ^)
+-------------------------------------oOO--(_)--OOo---+
| Vy 72 de Richard (DL8MFQ @ DB0SIF.DEU.EU) in Erlangen |
+-------------------------------------------------------+
alias AA8CP G-QRP #7417 AGCW-DL #2168
Internet: <sz0026@daphne.rrze.uni-erlangen.de>

---------------------- End of The QRP Clubs List -----------------------
```

2118. Japan Radio Corp.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 13:54:00 UTC
From: jesposit@sctcorp.COM
Message-ID: <m0rf6ep-0002qJC@sctladm.sctcorp.com>
Source record: 252017

Has anyone one the reflector ever used or know someone who has used a Japan Radio Corp. (JRC) transceiver or other equipment? I'm considering the purchase of a JST-245 and would appreciate any feedback - good or bad - about functionality, quality, service, etc. Thanks.

73,

Joe, K2YJL/M

2119. Re: q

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 14:25:30 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Feb16.142530.29028@ke4zv.atl.ga.us>
Source record: 252018

In article <3hueki$fsm@nkosi.well.com> gclyde@well.sf.ca.us (George Clyde) writes:
>
>I am a licensed ham and also have a marine VHF license for my boat. I am
>interested in a hand-held 2m unit which I can modify for marine VHF use.
>Any suggestions? I gather that the Radio Shack model cannot be so modified,
>but the Yaesu, ICOM, etc. can.
>Any ideas would be appreciated.

None of the current crop of *amateur* radios can be legally modified
to marine because none of them are Type Accepted for marine use.
However, you can get a Type Accepted *marine* radio and have some
of its channels programmed into the 2 meter ham band. That's perfectly
legal and workable. Icom makes a nice marine radio that could be
so programmed.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2120. Yippee! 4 days!...Ugh.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 14:41:23 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D43Kt0.LAF@ranger.daytonoh.ncr.com>
Source record: 252019
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Yippee! I just got my FCC callsign. In only four days!

Ugh! My new callsign is what?!

KB8WUS?!

What the hell did I do in a previous life to derserve a lame callsign like KB8WUS?

Any suggestions? I really am not looking forward to the comments I'll get after ID. Can I have my call changed? How long does it take? What forms do I need?

Greg Smith
AT&T Global Information Solutions
greg.n.smith@daytonoh.attgis.com

2121. PRB-1 in So. Cal.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 14:43:57 UTC
From: rogsc@ibm.net
Message-ID: <3hvobd$24ct@news-s01.ny.us.ibm.net>
Source record: 252020

Anyone know of any pending PRB-1 actions in Southern California?

2122. Re: VHF+ News Groups?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 14:44:43 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3hvocr$sk1@omnifest.uwm.edu>
Source record: 252021

Try vhf@w6yx.stanford.edu

73,

Rick WB9GYT

2123. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 14:51:14 UTC
From: rogsc@ibm.net
Message-ID: <3hvop2$24ct@news-s01.ny.us.ibm.net>
Source record: 252022

In <3gup31$jag@deathstar.cris.com>, dmlee@cris.com (David Lee) writes:
>In <markem.21.003241C0@primenet.com>, markem@primenet.com (Mark Monninger) writes:
>>In article <3gqv7s$5re@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>>
>>> ...
>>>>// David M. Lee dmlee@cris.com
>// or David_M._Lee@compuware.com
>//
>// Bill Gates for Ferringi Grand Nagus in 1996!!
>// Rule of acquisition #874 -- "Make 'em pay for the software --
>// AND the bug fix"

Good luck on the upgrade.

Sure is great about the number of new hams who are upgrading to general and beyond. I think that the system is finally working.

It's nice to be able to listen on the HF bands and work individuals who haven't been in the hobby longer than I've been alive.

73 for now, and good luck.

2124. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 14:55:18 UTC
From: rogsc@ibm.net
Message-ID: <3hvp0m$24ct@news-s01.ny.us.ibm.net>
Source record: 252023

In <3hugoq$ob8@nntpd.lkg.dec.com>, little@iamu.chi.dec.com (Todd Little) writes:
>
>In article <3hoauf$q3m@cat.cis.Brown.EDU>, md@maxcy2.pstc.brown.edu (Michael P. Deignan)
writes:
>|>In article <3ho9vd$h0t@ixnews3.ix.netcom.com>,
>|> mjsilva@ix.netcom.com (michael silva) writes:
>|>
>|>|> I>73,
>Todd
>N9MWB
I took the General class license back in 1967, and I assure everyone that
no exam given today is easier than that one was. (Had to take it down at
the good old FCC.)

Furthermore, in '67 the advanced was so easy that I, a 13 year old at the
time, passed it without studying more than an hour.

Today's tests to me seem to measure up quite well. I do agree that the
CW is easier, since there is a multiple-guess format.

Today's system works pretty well IMHO.

Roger
AB6WR

2125. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 15:18:22 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <3hvqbu$3sp@admin5.hsc.uth.tmc.edu>
Source record: 252024

In article <3htmqf$rve@news.iastate.edu>,
William J Turner <wjturner@iastate.edu> wrote:
>If you had read his entire post, you would have seen him talking about
>peak hours. He states that (by his definition) the bands aren't full
>even during peak hours. The definition is fine, you just need to
>remember the peak hours thing...

I did read his entire post. I agree that there are repeaters that are essentially unused during peak hours, and can at least grant that his contention that the bands are not full then has some validity. What I was criticizing was his ludicrous assertion that the bands would not be full until every frequency was constantly in use, 24 hours a day. That's not full, that's severely overcrowded.

I remember the peak hours thing just fine - it's the basis of my entire argument. Gary, OTOH...
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Beans, beans, the musical fruit. The more you eat, the more they kick you off the air if you finish this poem." -- Dot Warner, "Ode to a Veggie"

2126. Ham License in US, the other side...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 15:33:42 UTC
From: brunelli_pc@delphi.com
Message-ID: <pq14EiW.brunelli_pc@delphi.com>
Source record: 252025

I recently had the opportunity to administer an extra class
code and written to a HAM of foreign extraction. He is an
accomplished DXer in his homeland and is in MANY stateside
logs. He has been to a few of our VE sessions and takes them
very seriously.

He passed his Code element easily (??!!??) and spent a very long
time on the written. Upon handing it in he told the team how he
was sorry and that he felt that he did not do well. As it ended up he
only missed 5 questions.

Whn he found ot that hepassed he said this:

Now when i see my friends from "the pold country" i can say to them
' i don't know how you got your license, but i know exactly how
i got mine'."

For those of you in the cheap seats..... He worked for it, was tested
on his knowledge, and received operating priveledges as a result.
Before your next posting about how the current licensing system
is too easy, not what it used to be, a "gimme", etc... Keep in mind
that it could be corrupt, closed to may citizens by class, under
military control, ILLEGAL....

No, you do not have to be the next Lee DeForest to get an Extra class
ticket, which is good for most of the amateur community. If you have a better
way to handle it you have to do the work like that done tomake the
changes we see now,. Novice enhancement, No-Code, VE testing, name it
and it was made possible through hard work, not by grousing in a
usenet news group.

73 and cul

pete brunelli
n1qdq

2127. Hams & cops

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 16:05:07 UTC
From: brendan@clark.net
Message-ID: <3hvt3j$4vv@clarknet.clark.net>
Source record: 252026

I've come to the conclusion that police don't seem to want to pull me over. Experience after experience of being paced (a warning?) when speeding but never one ticket. I'm not crazy, but sometimes, just like almost everyone, I go faster than they think I should.

For example, a Park Service police car paced me going 65 or so on the George Washington Memorial parkway in VA a couple days ago. I believe the limit there is 45 or so. Its a nice safe road, but its a parkway, so the limit is lower. Unfortunately, I didn't notice him (or her) there for quite a while. When I did, I immediately slowed to 50mph. Then the cop passed me at 60-65 on my right and zoomed out of sight.

I've seen times where I've come into radar view, the officer has started the car moving but then stopped as I approached (I slowed as soon as I realized I was about to be nabbed) and continued about his or her business?

Could it be Ham plates or just plain luck?

Maybe I don't speed as much as I'm afraid I do?

-b

--
brendan@clark.net (703) 276-9768 -- Positive Force D.C./Torque Rec'ds/WDIY
->Lookin for DC area punk/DIY shows, radical events or protests? Email me!<-
http://www.clark.net/pub/brendan = updated -- [KD4YJS] -- "You've got to pay for all your lies, and thats what America refuses to learn." - Phil Ochs

2128. Re: VHF-FM uTrans Schematics?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 16:16:23 UTC
From: Robert Scott <Robert.Scott@ncl.ac.uk>
Message-ID: <3hvton$5qh@whitbeck.ncl.ac.uk>
Source record: 252027
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.scanner,sci.electronics

Jon Badger (jbadger@poplar110.cray.com) wrote:

> Would anyone happen to have a schematic for a low power VHF-FM micro
> transmitter? (Or know of a web/ftp site where I could find one?)

> Thanks-in-advance.

I have a few - how small, how low power, stereo? bug?

Rob.

2129. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 16:38:05 UTC
From: jdevenport@lanl.gov
Message-ID: <3hvv1d$a4h@newshost.lanl.gov>
Source record: 251928

In article <3htcaf$ggo@admin5.hsc.uth.tmc.edu>, jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard) says:
>
>In article <1995Feb14.155113.19352@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>The bands aren't full until every repeater
>>is key down continously with user signals.
>By this standard, the bands will _never_ be full, no matter how many
<snip> Who cares how many systems are
>unkeyed at 3 AM? How many hams would there be to talk on it at 3 AM?
I agree with Gary's definition. If there were as many hams as CB'ers they would get close to that level of activity, forcing us to actually USE 440 or even (shudder) 220 or advanced trunking/multiuse techniques that allow for such activity levels.
Out here in the southwest the 2 meter Zia Link has close to saturation during the day and activity all night long. There ARE those who enjoy hamming at 3 AM (police, truck drivers, insomniacs, others who just don't go by "normal" clocks, etc. When, on infrequent occasion, I find myself on the road at a similar unearthly hour I'm happy that systems such as Zia are available. During daytime hours only "lonely mobiles" listen to such systems because they are in almost continuous use.
Jim Devenport WB5AOX
".... The Christian Principle has not been tried and found wanting.....
It has just not been TRIED."

2130. Re: T-Hunt info on Net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 16:40:16 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3hvv5g$ji3@mozo.cc.purdue.edu>
Source record: 251929

In article <3hvq48$t3q@ccnet3.ccnet.com>, TEIXEIRA <teixeira@ccnet.com> wrote:
>A freind who is not on inter net wants to know are there any listservs,
>news groups, ect. on T-Hunting.
>
>Don

Send a message to "majordomo@netcom.com" with the line

info fox-list

in the body (not the subject) of the message.

There are several other ham-related lists at this site. If you send
the line "help" to the same server, you'll get info about all the
lists at netcom.com.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2131. Re: BAYCOM - current version???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 16:44:45 UTC
From: jdevenport@lanl.gov
Message-ID: <3hvvdt$a4h@newshost.lanl.gov>
Source record: 251930

In article <7759-270293501@mcube.com>, unique@mcube.com says:
>IT>1) What is the current MS-DOS version?
>IT>73 de VE7TMA
> The current baycom version is 1.4 unless you can understand German and
>you will find a later version that operates in English but is written in
>German.
<snip>
Actually there is a later version than 1.4.... it is 1.5 and even that is
now several years old. 1.5 has a little more online help but on most
PC's I try it on it seems to occasionally lock up the system which NEVER
happens running 1.4. So I still run 1.4 though I have 1.5 too. Tell me
an FTP site you can access and I'll FTP to you whichever one you want.

Jim Devenport WB5AOX
".... The Christian Principle has not been tried and found wanting......
It has just not been TRIED."

2132. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 16:54:30 UTC
From: zlau@arrl.org
Message-ID: <1995Feb16.165430.1258@arrl.org>
Source record: 251931

John KA3DBN (Jrouse@ix.netcom.com) wrote:

: Anti-ham bias in media? No, I don't think so. I'm a newspaper editor and
: it has been my observation over the years that far too many editors
: simply don't have a clue as to what ham radio actually is. There's
: confusion with, ahem, CB radio and myriad other radio-oriented outlets.

I recently had an interview published in the local paper--seems my
activities caught the eye of a resident (even though we were both
100 miles from home!) and he sent in some photos.

The young reporter who interviewed me did a surprisingly good job--I
think it helped that I provided a short *written* summary of what
I do with all that microwave gear on a distant mountaintop. I also
took the time to patiently answer the reporter's questions, and
carefully explained why some didn't make sense.

Thus, I agree with John--if you want better amateur radio press,
help them do a better job.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

2133. Re: Ham License in US, the other side...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 17:11:28 UTC
From: jdevenport@lanl.gov
Message-ID: <3i0100$a4h@newshost.lanl.gov>
Source record: 251932

In article <pq14EiW.brunelli_pc@delphi.com>, brunelli_pc@delphi.com says:
<snip>
>No, you do not have to be the next Lee DeForest to get an Extra class
>ticket, which is good for most of the amateur community.
I certainly HOPE Lee DeForest's tactics are not required for ham or any
other activity.
De Forest may have invented the Audion or triode vacuum tube (i.e.,
modified Edison's discovery of diode action in a vacuum) but he never
figured out how it worked nor what to do with it. When Armstrong
discovered its amplification abilities and how to make it oscillate by
coupling some of its output back to its own input and began the real
modern day radio industry De Forest spent perhaps millions trying to
steal Armstrong's discoveries and patent them for himself. PBS had
a very good movie on this a few years ago, and I subsequently read the
book, but (Blast!) cannot recall the exact title now. Kingdoms of the
Air or something similar.

Jim Devenport WB5AOX
".... The Christian Principle has not been tried and found wanting......
It has just not been TRIED."

2134. AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 17:36:27 UTC
From: stevem@zimmer.CSUFresno.EDU
Message-ID: <D43sws.L4x@zimmer.CSUFresno.EDU>
Source record: 251933

Recently I've talked to a couple of pilots as to why the aircraft bands are all AM. They said that it's just tradition. I thought that the AM could be received over longer distances than FM, and that that was the reason.

Can anybody here confirm or deny this?

Thanks.

--steve
--
Steve Mitchell KD6BET TIP#168 steve_mitchell@csufresno.edu
"Everything in this message may be wrong." / "Make love, not Perl code."
"There's a fine line between participation and mockery" -- Dilbert
http://warpig.cati.csufresno.edu/steve.html

2135. Kenwood TH-28A TX Shift Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 17:52:29 UTC
From: cj@boi.hp.com
Message-ID: <D43tnI.HCH@boi.hp.com>
Source record: 251934

[Article crossposted from rec.radio.amateur.equipment]
[Author was CJ]
[Posted on Thu, 16 Feb 1995 15:16:56 GMT]

I've recently come across a TH-28A sans manual. I've figured out how to do most of the things I want to do, but I have not yet figured out how to set the transmit shift. I can get it to toggle "off" "+" and "-", and it seems to have the appropriate "standard" shift for the 2m band (0.6MHz), but I'd like to know if I can program a non-standard shift.

So, if anyone knows how (or if) this can be accomplished, please let me know. E-mail to cj@boi.hp.com if fine, or reply to this note...

Thanks in advance...
73
-cj

cj@hpdmd48.boi.hp.com	KD6AEG
Hewlett-Packard	Generic Disclaimer:
Storage Systems Division	These are just *my* opinions, and even *I*
11413 Chinden Blvd., M/S 202	wouldn't necessarily beleive or agree
Boise, ID 83714	with anything that I said...

2136. Yaesu FT 51R (5 Watt) HT 4 sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 18:36:12 UTC
From: patrickmy@aol.com
Message-ID: <3i05us$jsu@newsbf02.news.aol.com>
Source record: 251935

Top of the line Yaesu FT 51R dual bander with 5 Watt battery for sale. Used once, battery has only been charged once. Owned 2 weeks. Received as a gift, but I decided I like my old ICOM better. $490 + insurance (I pay for UPS ground). If interested, please E-mail me (patrickmy@aol.com).

73,
Patrick KB2STB

2137. Re: General Internet Survey

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 18:51:18 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3i06r6$k6o@floyd.santarosa.edu>
Source record: 251936

Gary V. Deutschmann Sr. (raiar@vulcan.inlink.com) wrote:
: Dwain Hensley (dwain.hensley@mgmtsys.com) wrote:
: : General Internet Survey

: : This is a real simple survey I'm conducting for a science project
: : and I would really appreciate it if you respond. These questions are
: : real general and do not require much thinking. Thank you for your time.

: : 1. Country _____USA_____
: : 2. City __Coldiron, Kentucky_____
: : 3. Occupation _____High School Student_____
: : 4. Age _____16_____
: : 5. IBM or Mac user _____IBM_____

: : Billy Cordray
: : ultra@crl.com
: : Long live Indica!
: : ---
: : • OLX 2.1 TD • Internet: dwain.hensley@mgmtsys.com + rec.video.sat.tvro

: Hi Billy, I live in St. Louis, MO, my occupation is Hydroculture, I am an
: Olericulturist, my age is 47, as far as PCs, I have two Mac Plus's, one
: MAC SE, and three IBM clones, Now for my cojpu
: Now for my computer, I have a WANG VS and two WANG OIS systems.

John Thompson
Santa Rosa, California
IBM
18 years old, student

2138. Re: What's wrong with the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:14:37 UTC
From: wjturner@iastate.edu
Message-ID: <3i086t$qdb@news.iastate.edu>
Source record: 251937

In article <3hvqbu$3sp@admin5.hsc.uth.tmc.edu>,
Jay Maynard <jmaynard@admin5.hsc.uth.tmc.edu> wrote:
>What I was
>criticizing was his ludicrous assertion that the bands would not be full
>until every frequency was constantly in use, 24 hours a day.

I guess maybe I was the one who didn't read it all. It looks like there
was more to what he said than my newsreader let me see.

From what I read, there was absolutely no mention of "24 hours a day."
Only that every frequency had to be in use at the same time. YOu can
read peak hours or 24 hours a day into it as you want...

2139. Novice/Tech ? programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:18:48 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3i08eo$f1f@acme.freenet.columbus.oh.us>
Source record: 251938

I have looked on oak.oakland.edu and ftp.ucsd.edu in the hamradio
directory for computer programs for displaying random questions from the
novice and tech question pools. Does anyone have any other place to look?
thanx, helping some other to get into the hobby.

73,
joe
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

2140. Re: Opinions wanted on Yaesu FT-530 ht

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:21:53 UTC
From: danb@acme.csusb.edu
Message-ID: <3i08kh$72p@news.csus.edu>
Source record: 251939

Ron Patterson (rpatters@pinot.callamer.com) wrote:
: My neighbor just got passed his technician exam and is considering
: purchasing a FT-530. I am not familiar with this ht and would appreciate
: hearing your opinions on it.

Any particular points of interest? It seems to perform
reasonably well, and I haven't had a problem with interference, even with
an external antenna. I _really_ like the backlighting, which beats my
HTX-202 hands down. The compact size is nice, and most of the operations
make some sense, as long as you can read the print on the unit itself.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

2141. Re: Pat on the back for Gary KE4ZV

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:24:41 UTC
From: danb@acme.csusb.edu
Message-ID: <3i08pp$72p@news.csus.edu>
Source record: 251940

```
Val Breault (vbreault@rinhp750.gmr.com) wrote:
: This is a pat-on-the-back for
:
: Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Agreed!

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me
```

2142. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:34:47 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3i0dnt$14g@michp1.redstone.army.mil>
Source record: 251941

In article <3gqv7s$5re@cat.cis.Brown.EDU>, md@pstc3.pstc.brown.edu
says...
>
>Welp, here's another fine example of what lowering standards in the
>hobby has given us. This guy deserves to go to jail. We can't have
>idiots like this out on the bands. Maybe he could volunteer to be a
>poster boy for genetic engineering.
>
>

Snip of story about screwed up individual

>
>You have to wonder: This guy was stupid enough to open his mouth. Had he
>not, would they have every found him? Probably not.
>

You have to wonder: This guy was stupid enough to open his mouth about
this somehow being the result of the No-Code license. I have not yet
made the connection, probably never will. I have a no-code license,
therefore, I am dangerous, stupid, and undeserving of my license and
access to the airwaves.

Perhps the guy that wrote this should be the poster child for genetic
engineering. He could be the "your brain on drugs" part. Lowering
standards? Dropping the code requirements wouldnt be lowering the
standards, it would be aligning them with modern practices and
technology.

Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

2143. Re: current flow

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:47:21 UTC
From: R0264@info.onet.edu
Message-ID: <17347D003S86.R0264@info.onet.edu>
Source record: 251942

In article <3hu0b2$9up@news.ualr.edu>
gdm@fermi.ualr.edu (Doug Mauldin) writes:

>
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>
>: Back in the days before the electron was discovered, people decided,
>: arbitrarily, that current flowed from positive to negative. They didn't
>
> Correct me if I am wrong, but isn't this convention due to one
>person in particular, who went by the name of Benjamin Franklin?
>
>
Yes, I think so. A EE student told me that B. Franklin "guessed
wrong." I guess he had to make an arbitrary decision, and could
at that time think of go good grounds for either choice.
-- Phil Emerson, AA8JO.

2144. NOAA VHF Weather Stations question...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 19:47:43 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3i0ega$14g@michp1.redstone.army.mil>
Source record: 251943

Hello;

The NWS operates continuous broadcast stations on three frequencies at 162.4, 162.55, and 162.475 MHz (I may be slightly off on the freqs). My question is this - one can buy a little receiver for these broadcasts at Radio Shack and elsewhere, and they have some kind of alerting capability. Apparently, the little buggers respond to some kind of a DTSS code or CTCSS subaudible transmitted by the NWS station whenever they issue a weather bulletin. Does anybody know how this alerting operates? I have my 2m receiver set to pick up the local NWS freq, but I would like to know if I can set up the CTCSS or DTSS so that it would break squelch only when the NWS issues a bulletin. Is this possible? Anybody know what the codes/tones are?

Thanks,
Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

2145. QSL route for OA6PV ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 20:23:06 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9502161419.ZM798@SALCIUS2>
Source record: 251944

Does anyone know the QSL route for OA6PV ? I think it's KA8-something.

qsl-info@aug3.augsburg.edu doesn't have this callsign on its database.

73 de Wayne Estes WD5FFH wayne@csg.mot.com

2146. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 20:51:18 UTC
From: gbelton@rs6.tcs.tulane.edu
Message-ID: <3i0ds6$hlv@rs10.tcs.tulane.edu>
Source record: 251945

Steve Mitchell (stevem@zimmer.CSUFresno.EDU) wrote:

: Recently I've talked to a couple of pilots as to why the aircraft bands
: are all AM. They said that it's just tradition. I thought that the AM
: could be received over longer distances than FM, and that that was the
: reason.

: Can anybody here confirm or deny this?

Pilots started putting radios in their planes before FM was invented, and nobody wanted to make all of the existing radios obsolete so they kept using AM.

Transmitting distances depend more on frequency and power than on mode, at least when comparing AM and FM. (SSB or CW would go farther given the same power on the same frequency.) You are probably thinking of the differences between the AM Broadcast band (550 khz to 1600 khz) vs. the FM Broadcast band (88 Mhz to 108 Mhz). The range differences between these are caused by the different operating frequencies, not by the different modulation modes.

--
"In the old days, being crazy meant something. I don't speak
Nowdays, EVERYBODY'S crazy." for Tulane.
-- Charles Manson

2147. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 21:13:25 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb16.211325.4645@news.csuohio.edu>
Source record: 251946

stevem@zimmer.CSUFresno.EDU (Steve Mitchell) writes:
:
: Recently I've talked to a couple of pilots as to why the aircraft bands
: are all AM. They said that it's just tradition. I thought that the AM
: could be received over longer distances than FM, and that that was the
: reason.
:
: Can anybody here confirm or deny this?
:

One theory has been that AM aircraft radios had been in service
for a while, worldwide, then along came WW2. Viable VHF FM apparently
had become more developed near the end of the war but was too
late for aircraft use. Now, it would be almost impossible to
replace all those VHF AM radios with the FM equivalents. Generally,
pound for pound, an FM signal will travel the same distance as an AM
signal of the same frequency and strength. However, due to the
FM capture effect, it is tougher to hear faded FM stations if
other stronger ones are nearby, compared to AM. Ionosphere may
also affect an FM signal differently than an AM signal, given
the same originating frequency/signal strength/antenna.

"Just tradition" is probably the most accurate description -
if it ain't broke, don't fix it. I guess air AM VHF is more of
an anomaly than anything else, when you consider just about everything
else from 30MHz and up is mostly NFM or WFM, and some CW, or, data.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2148. Re: Pat on the back for Gary KE4ZV

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 21:56:54 UTC
From: dstone@bnr.ca
Message-ID: <3i0hn6$eh1@nrtphba6.bnr.ca>
Source record: 251977

Dan Brown (danb@acme.csusb.edu) wrote:
: Val Breault (vbreault@rinhp750.gmr.com) wrote:
: : This is a pat-on-the-back for
: :
: : Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

: Agreed!

<sig deleted>

Hey Gary!

UP YOURS!

(I didn't want your head to swell too much.. ;)

73,
d.
--

```
**************************************************
* *
* dstone@bnr.ca Research Triangle Park, NC *
* WB4ETY *
* *
* Danny "Miscreant" Stone: *
* A Professional Grouch AND *
* Misanthrope in Training... *
* *
* "Don't Blame Me, Blame the Testosterome!" *
* *
**************************************************
```

2149. Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:05:15 UTC
From: richwood@commspec.com
Message-ID: <7760-305538802@commspec.com>
Source record: 251947

IB>Your messages are deliberately offensive. The FBI and FCC are interested
IB>in your types of messages. Believe it or not, your 4 letter word
IB>is still a Federal Offense over public common carriers like Internet
IB>and BBSes that any one of any age may call and read.

Brian,
While I admire your attempt to intimidate him I think you destroy
your credibility by even suggesting that the FCC or the FBI will waste a
moment of their time enforcing any ban on 4 letter words used on the
Internet.

Frankly, I'd much rather have them investigating terrorism and
organized crime. Once they've cleaned that stuff up, then they can go
after these word villains who offend you so. The FBI, like most law
enforcement agencies, cares more about donut quality than the purity of
language.

Rich
KF2JO

2150. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:05:15 UTC
From: richwood@commspec.com
Message-ID: <7760-305536001@commspec.com>
Source record: 251948

IL>I sligltly disagree with you..CW is a skill, but a personnal one..
IL>If you really want to talk to someone in HONG KONG just call them on the
IL>telephone..No real skill in doing this is it..But to communicate with
IL>someone who speaks a different language (but the same CW language) is a
IL>skill..To copy someone sending CW when its about five other stations on

Lenny,
This is very interesting! How do you send Chinese in CW?

CW is NOT a language. If I send the Morse character "A" the person receiving it will receive an "A." There is no "A" in Chinese, so, unless the person in Hong Kong reads English he won't have the foggiest idea what you're sending.

If I send "voila" to someone who doesn't read French, it means nothing to him. There's a great difference between sending a series of characters and whether or not the receiver understands the resulting words.

CW is a mode of operation. There is no such thing as a "CW language." CW simply communicates Morse characters which must be understood in the language sent.

Rich
KF2JO

2151. cancel: Re: Call letters on resume

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:05:16 UTC
From: richwood@commspec.com
Message-ID: <7760-305521303@commspec.com>
Source record: 251949

IW>Mopping up spew from f1.n328.z1.fidonet.org@trisoft.com.
IW>red@redpoll.mrfs.oh.us

I've gotta tell ya, folks, these mopping up messages need to be mopped up. They're more irritating than the irritating messages they replace.

Rich

2152. ARLB016 FCC call sign update

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:18:03 UTC
From: w1aw@arrl.org
Message-ID: <$arlb016.1995@ampr.org>
Source record: 251972
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB016
ARLB016 FCC call sign update

ZCZC AG82
QST de W1AW
ARRL Bulletin 16 ARLB016
From ARRL Headquarters
Newington CT February 16, 1995
To all radio amateurs

SB QST ARL ARLB016
ARLB016 FCC call sign update

FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs
as of February 1.

District Group A Group B Group C Group D
Extra Advanced Tech/Gen Novice

0 AA0VS KG0TJ ++ KB0QVG
1 AA1MB KD1ZH N1UFI KB1BNN
2 AA2VU KG2AP ++ KB2TLZ
3 AA3KC KE3RA N3UIZ KB3BGK
4 AE4CX KS4MX ++ KE4VDD
5 AC5AH KK5JD ++ KC5MKA
6 AC6JX KO6PF ++ KE6QOX
7 AB7HT KJ7JB ++ KC7IQZ
8 AA8SA KG8OO ++ KB8WQX
9 AA9NS KG9AJ N9ZZZ KB9JCR
N. Mariana KH0Q ++ KH0DQ ++
Guam WH2K AH2CZ KH2NB ++
Midway ++ AH4AA KH4AG WH4AAH
Hawaii ++ AH6NU ++ WH6CSL
Amer. Samoa AH8M AH8AH KH8CF WH8ABB
Alaska ++ AL7PW ++ WL7CKG
Virgin WP2Q KP2CD NP2HY WP2AHV
Puerto Rico ++ KP4YM ++ WP4MWC

++All call signs in this group have been issued in this area.
NNNN
/EX
```

2153. ARLB017 RFI changes proposed

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:20:59 UTC
From: w1aw@arrl.org
Message-ID: <$arlb017.1995@ampr.org>
Source record: 251973
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB017
ARLB017 RFI changes proposed

ZCZC AG83
QST de W1AW
ARRL Bulletin 17 ARLB017
From ARRL Headquarters
Newington CT February 16, 1995
To all radio amateurs

SB QST ARL ARLB017
ARLB017 RFI changes proposed

RFI changes proposed

The FCC has proposed to permit manufacturers and suppliers of computers and computer peripherals to market their equipment without having to apply for equipment certification and await FCC approval, in ET Docket 95-19.

These devices now must be FCC-certified to ensure that they do not cause interference to radio services, including amateur. Certification requires that all measurement data and a detailed description of the product be submitted to the Commission's laboratory for review and approval.

The certification process can take 35 days or more, the FCC said, and eliminating the wait could save the computer industry some 250 million dollars a year, the industry has said. The FCC called the current regulations ''particularly burdensome for small manufacturers'' and said its proposed new authorization procedure would ''align'' FCC requirements for personal computers with those ''used successfully in other parts of the world.''

Under the proposed new procedure, FCC authorization would be replaced by a process based on a manufacturer's or supplier's Declaration of Conformity (DoC). The Commission also has proposed the option of permitting personal computer compliance to be based on tests and DoCs of individual components, without further testing of completed assemblies.
NNNN
/EX

2154. *Seeking suggestions for 1st rig*

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:22:37 UTC
From: spitzer@wam.umd.edu
Message-ID: <3i0j7d$eg5@cville-srv.wam.umd.edu>
Source record: 251950

I have begun looking for my first rig. I have a no-code license. I am trying to decide between a 2m HT and a mobile 2m to be used in my apartment. I am interested in suggestions on HT vs the mobile. I am also interested in specific brand and model reccommendations. I do not have a lot of money to spend.

Thanks,

Allan N3TCM

2155. Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:28:18 UTC
From: fisherb@ccsnet.com
Message-ID: <011902KJSEOVYYLPYXRX@ccsnet.com>
Source record: 251951

```
JA>"1935 will go down in history. For the first time, a civilized nation has
JA>full gun registration. Our streets will be safer, our police more efficient,
JA>and the world will follow our lead into the future." - Adolf Hitler

JA> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
JA> US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

The real filth is comparing Hitler's world to the world where gun
control is really needed.

_____________________________________________________
( Burt Fisher South Dennis (Cape Cod), Mass. )
( Teacher of Video, Broadcasting and Electronics at )
( Cape Cod Regional Vocational High School )
( (Home of WCCT-FM 90.3 MHZ) )
( )
( FISHERB@A1.mec.mass.edu )
( FISHER@meol.mass.edu )
( XUAB85a@prodigy.com )
( Amateur Radio Call K1OIK )
( K1OIK@KQ1K.ma )
(_____________________________________________________)

---
```


• SLMR 2.1a • If you pull the wings off a fly, does it become a walk?


```
--
**********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

2156. Re: Anti-Ham bias in News Media

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:28:18 UTC
From: fisherb@ccsnet.com
Message-ID: <011895KJSEOVYYLPYXRX@ccsnet.com>
Source record: 251952

```
DT>In the California quake (most recent one) the Internet lines were generally
DT>still up. Perhaps hams should look upon this as an opportunity, and use the
DT>net, where still up, as a medium for Heath and Welfare traffic. VHF and UHF
DT>radio for tactical use in the affected area is quite helpful. Long haul

Hams are irrevelent to disasters. Technology has left the fat ham behind
(all puns intended).

De K1OIK at KQ1K.MA...Burt...Cape Cod...Home of the Conscience of the
Ham Conference. QRZ God Bless? HI HI HI HI HI HI HI HI HI HI HI HI

---
```
 SLMR 2.1a If you think education is expensive, try ignorance!
```
--
**********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

2157. ARRL E-MAIL ADDRESS 2/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:28:19 UTC
From: fisherb@ccsnet.com
Message-ID: <011894IIGFXJUMMOAODS@ccsnet.com>
Source record: 251953

>>> Continued from previous message
QEX Magazine qex@arrl.org
W1AW 76067.3724@compuserve.com
Other questions and messages to other
specific HQ staff members should continue to be addressed to
"2155052@mcimail.com" which will result in their receipt in the
"front office" here at ARRL HQ. You should include your postal
address (the slow kind) in case we need to send you nonelectronic
material in answer to your request.

Other useful addresses:
Tom Frenaye, K1KI, Vice President 2349723@mcimail.com
Frank Butler, W4RH, Southeastern Division 3113659@mcimail.com
Director
Stan Horzepa, WA1LOU, QST(Packet horzepa@evax.gdc.com
Perspective)columnist

Jon Bloom, KE3Z bloom@arrl.org
American Radio Relay League | Justice is being
allowed to do whatever
225 Main St. | I like.
Injustice is whatever prevents
Newington, CT 06111 | my
doing so. -- Samuel Johnson

• SLMR 2.1a • If sex is a pain in the butt, you're doing it wrong.

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

2158. ARRL E-MAIL ADDRESS 1/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:28:19 UTC
From: fisherb@ccsnet.com
Message-ID: <011901IIGFXJUMMOAODS@ccsnet.com>
Source record: 251954

S9>Can anyone tell me if the ARRL has an e-mail address, and if they do, what i
S9>is? Please respond directly, as my nnr reader is unreliable and I'm not alwa
S9>able to read this group every day. Thanks.

S9>Bill Johnson
S9><s965544@umslvma.umsl.edu>

From: jbloom@arrl.org (Jon Bloom)
Newsgroups rec.radio.amateur.misc
Subject: ARRL HQ email list
Summary: How to contact ARRL HQ (repost with fixed news feed)
Date: 18 Jan 93 09:59:37

Organization: American Radio Relay League

The following ARRL HQ staffers AND ONLY THESE STAFFERS can be
contacted directly via the net at the addresses shown. I've also
included a brief mention, where appropriate, of some of the specific
duties of the staff member so that you'll know who to contact.

Staff member, call, title address

---------- ---------------
Al Brogdon, K3KMO, QST Managing Editor abrogdon@arrl.org
Brian Battles, WS1O, Features Editor bbattles@arrl.org
(Strays, New Products, Feature articles)

Jon Bloom, KE3Z, Senior Engineer (arrl.org jbloom@arrl.org
postmaster, QEX editor)
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Assistant to the Chief Financial Officer
(ARRL Foundation;scholarships;
endowments, bequests and donations)
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the Executive Vice President
Bridget DiCosimo, Technical Department bdicosim@arrl.org
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Kathy Fay, Deputy Circulation Manager kfay@arrl.org
Steve Ford, WB8IMY, Assistant Technical sford@arrl.org
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product testing)
John Hennessee, KJ4KB, Regulatory jhenness@arrl.org
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questions, "WashingtonMailbox" column,
FCC Rule Book)
Tom Hogerty, KC1J,DXCC Manager thogerty@arrl.org

Luck Hurder, KY1T,Field Services Dept. lhurder@arrl.org
Deputy Manager(Clubs; Field
Organization; ARRL telephone BBS)

Chuck Hutchinson, K8CH, Membership chutch@arrl.org
ServicesManager (Contests; awards;
DXCC etc.)

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Manager, Educational Activities

Bart Jahnke, KB9NM, VolunteerExaminer bjahnke@arrl.org
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Manager (news stories, etc.)
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Tammy-Beth Zimmerman, KA1WWP, Membership tzimmer@arrl.org
Services Administrative Assistant (DXCC,
awards, QSL buro)
In addition to these specific people, we've also set up the
following accounts:
Automated Information Service
(information info@arrl.org
files on Amateur Radio)
Technical Information Service (Technical tis@arrl.org
questions)
DXCC Desk dxcc@arrl.org
Awards (WAS, etc.)
awards@arrl.org
Contests contests@arrl.org
Outgoing QSL Bureau buro@arrl.org
>>> Continued to next message

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

2159. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:32:14 UTC
From: jrogow@ridgecrest.ca.us
Message-ID: <D446Lq.Mps@ridgecrest.ca.us>
Source record: 251955

In article <cjs9.215.000A9D6F@cornell.edu>, cjs9@cornell.edu (Carl Steckler) says:
>
>
>>Welp, here's another fine example of what lowering standards in the
>>hobby has given us. This guy deserves to go to jail. We can't have
>>idiots like this out on the bands. Maybe he could volunteer to be a
>>poster boy for genetic engineering.
>
>Yoe egotistical elitist anal-retentave moron. (read asshole) How dare you
>disparage those of us who for reasons being none of your business select to
>become no-code tech Hams? I will match my radio and electronic skills
>against yours any day. I choose to be a no-code tech because a hearing
>problem prevents me being able to sort out code. Does that mean in your
>world I shouldn't have a license? Being an idiot like the person you posted
>about has nothing to do with the class of his license if he even had one.
>What is your excuse?
>Carl KB2SGX (ex-jarhead) Semper Fi
>"To those who fought for it, freedom has a flavor
>the protected will never know"
>unknown Marine; Khe Sahn, Viet Nam

AMEN!

N7TTH/RACES/ARES/EOC/SARC/DSARC/MARC/IBMC

2160. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:36:39 UTC
From: jrogow@ridgecrest.ca.us
Message-ID: <D446t3.Msp@ridgecrest.ca.us>
Source record: 251956

When I got mine, my OM said "TTH, Huh? Truly Terrific Ham"
Even if I get Extra one of these days, I'll *always* keep N7TTH!

2161. Re: Bad examples

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 22:58:36 UTC
From: jrogow@ridgecrest.ca.us
Message-ID: <D447tp.n2s@ridgecrest.ca.us>
Source record: 251957

In article <3hndm9$1sk@nippur.irb.hr>, jgolubov@public.srce.hr (Jerko Golubovic) says:
>
>PL> Guys like Herbie and K1MAN are permenent fixtures of 20 meters.
>PL> They are there to provied bad examples for the rest of us to learn from.
>PL> They get off on discussions like this. Even Wayne Green gave up
>PL> bitching about them several years ago.
>
>There is a much more bad examples lihe this, not only in HAM world but
>also in SysOp one. Unfortunately, this is bad reality that shows that
>whole world is not perfect.
>
Have you ever listened to N7PLC on the .88 in Las Vegas?
This is a four state repeater.

His motto is "I have a voice and a microphone,
and I'm gonna USE them!"

N7PLC- He annoys, therefore, he is.

(W/apologies to Jean Paul Satre)

2162. ARLD008 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-16 23:24:39 UTC
From: w1aw@arrl.org
Message-ID: <$arld008.1995@ampr.org>
Source record: 251958
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD008
ARLD008 DX news

ZCZC AE83
QST de W1AW
DX Bulletin 8 ARLD008
From ARRL Headquarters
Newington CT February 16, 1995
To all radio amateurs

SB DX ARL ARLD008
ARLD008 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, Akio, JA3JM, Alan, NS0B, Tosy, JA6VZB, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

UGANDA. Paul, 5Z4FO, aka W4PFM, OA8V and KP4AWH, will be relocating to Uganda for a one year work assignment starting in July. He will be active signing 5X1MW on all bands. Listen for his CW and SSB. QSL via KB4EKY.

NORTH PACIFIC DX VACATION. JA3JM's schedule has changed from what was publicized in last week's bulletin. Akio, who is presently signing AA5K/AH2 in Guam, will stop in Palau on his way to Saipan. He plans to operate KC6AS from February 17 to 20, and AA5K/AH0 on February 20 and 21, with emphasis on RTTY, 160 meters, mode K on RS 12 and mode B on OSCAR. QSL via JA3JM.

MACAO. Leo, K8PYD, is now on as XX9TYD and was heard on 14033 and 7004 kHz around 1200 and 0030z respectively. QSL via K8PYD.

VANUATU. YJ0AXC has been on either 40 or 80 meters most mornings from 1100 to 1300z.

MICRONESIA AND BELAU. JA2NQG will be signing V63WW from Pohnpei February 17 to 23, including contest operations. From February 24 to March 1 he will sign KC6CW or KC6WW. QSL via JA2NQG.

BELIZE. Alan, NS0B, and John, WC0W, will be in on the contest action as V31TP, unless a special call can be secured. They return home on February 20.

TURKS AND CAICOS ISLANDS. Ken, K0PP, will be active from February 16 to 23, including the ARRL DX Contest. The contest call will be VP5PP. Outside contest hours, listen for VP5/K0PP. QSL via K0PP.

DOMINICA. Lou, WA6SBS, and George, N6ZS, will be in the ARRL CW Contest, possibly using the call J75A. Outside contest hours they will be on all bands with CW, SSB and RTTY. QSL via N6ZS.

ANGUILLA. Dave, WJ2O, plans to be in the ARRL DX CW Contest from the QTH of VP2EHF and VP2EE and sign VP2E/WJ2O. Listen for him on 1818 kHz at 0600z both days of the test.

MONTSERRAT. Art, WA2UJH, received the call sign VP2MDY and will operate through February 26. He plans to operate mostly CW on 40, use 80 and 160 meters including activity on the WARC bands. QSL via NW8F.

GUATEMALA. Scott, KA9FOX, be in the ARRL DX SSB Contest and hopes to operate TG9GI as TG0AA. He will try to be on before and after the contest from the QTH of TG9AJR. QSL via KA9FOX.

BARBADOS. Peter, W0SA, will sign 8P9NX on CW and RTTY from February 19 to March 2 . He will be active on CW and RTTY. QSL via W0SA. Dan, N8DCJ, will be on as 8P9CW February 18 to 25. Dan favors CW and will be on 160 through 10 meters. QSL via WB8LFO.

BAHAMAS. Larry, K3TLX, received the call sign C6AHE for his Bahama operations. He should remain active through February 21. QSL via K3TLX.

SWEDEN. The new prefix SH is being issued to Novices. SH-licensees have HF, as well as VHF/UHF privileges.

THIS WEEKEND ON THE RADIO. The big event for this weekend is the ARRL International DX Contest on CW. See pages 122 and 124 of December QST for full contest rules.

Other operating events include the YL ISSB and Winter QSO Parties. For more info on the former, check page 123 of December QST, and page 128 of January QST for the latter.
NNNN
/EX

2163. Re: Pat on the back for Gary KE4ZV

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 01:15:15 UTC
From: wrt@eskimo.com
Message-ID: <D44E5F.LJv@eskimo.com>
Source record: 251959

[No readable article body recovered]

2164. Re: Where can I find latest version of Geoclock??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 04:24:19 UTC
From: jimn2ete@aol.com
Message-ID: <3i18dj$rt6@newsbf02.news.aol.com>
Source record: 251960

Call the GROVE BBS (the dudes that put out MONITORING TIMES) @ 704-837-9200, set up your account with Bill and the file is in there. I think he also has the new maps that go with it. That program makes great wallpaper!!

Jim N2ETE

2165. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 04:55:14 UTC
From: bob@texas.net
Message-ID: <3i1a7i$gk1@empire.texas.net>
Source record: 251970

>Steve Mitchell (stevem@zimmer.CSUFresno.EDU) wrote:
>
> Recently I've talked to a couple of pilots as to why the aircraft bands
> are all AM. They said that it's just tradition. I thought that the AM
> could be received over longer distances than FM, and that that was the
> reason.
>
> Can anybody here confirm or deny this?
>

Because FM receivers exhibit "capture effect" (the strongest signal will
nearly fully quiet all weaker signals) an emergency/distress call by an
aircraft more distant than another transmitting aircraft would not be
heard, and controllers would not be able to detect doubling (when more
than one station transmits at the same time). It would be pretty
chaotic in a place like the LA basin trying to get through to ARTCC
with FM sigs!!

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

2166. Re: NOAA VHF Weather Stations question...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 05:17:40 UTC
From: daf19730@Rosie.UH.EDU
Message-ID: <3i1bhk$h37@masala.cc.uh.edu>
Source record: 251961

In article <3i0ega$14g@michp1.redstone.army.mil>, helliott@losat.redstone.army.mil (Doc Elliott) writes:
>Hello;
>
>The NWS operates continuous broadcast stations on three frequencies at
>162.4, 162.55, and 162.475 MHz (I may be slightly off on the freqs). My
>question is this - one can buy a little receiver for these broadcasts at
>Radio Shack and elsewhere, and they have some kind of alerting
>capability. Apparently, the little buggers respond to some kind of a
>DTSS code or CTCSS subaudible transmitted by the NWS station whenever
>they issue a weather bulletin. Does anybody know how this alerting
>operates? I have my 2m receiver set to pick up the local NWS freq, but I
>would like to know if I can set up the CTCSS or DTSS so that it would
>break squelch only when the NWS issues a bulletin. Is this possible?
>Anybody know what the codes/tones are?
>
>
>Thanks,
>Doc Elliott
>KE4KUZ
>Internet: helliott@losat.redstone.army.mil
>packet: ke4kuz@k4ry.#cenal.al.usa.noam
>The opinions expressed herein are mine, and do not
>reflect those of my employer or anyone else unless
>specifically stated as such.
>
It's a 1050Hz tone burst transmitted for 20 seconds before the
severe weather bulletin.
73 de kb5pgy

2167. WTD:Info:Bob Garner W6EAJ (d.1970's)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 06:32:22 UTC
From: mwchang@taco.engr.ucdavis.edu
Message-ID: <3i1ftm$jug@mark.ucdavis.edu>
Source record: 251833

I am trying to contact people who knew, or had a QSO with the late
Robert Garner W6EAJ. Please e-mail if you have any information. I may be
working on his biography.

I recently received a telephone call from an friend whom I met at
a wedding several months ago. She told me she had just moved onto some
land located on a remote peak; among the highest in the Northern Calif.
Redwoods' coast range. She explained to me that some legendary eccentric
by the name of Bob Garner had lived on the property, died about 20 years
ago, and left behind a huge quantity of radio electronics, literature, and
antenna systems and asked me to come out and haul away as much as I could.
Not knowing what to expect I made the trek over there last weekend
and, after fording several streams and roughing some pretty rocky mountain
terrain in my passenger wagon, I was shocked to discover a gold mine in
antique electronics. There were truckloads of early Western Electric and
Cunningham tubes, early transmitting equipment, broadcast microphones,
scanning disc television parts, phonos and early recording equipment and
many other collectables.
But more impressive, and intriguing, were the elaborate
laboratories and installations, which were unfortunately quite badly
damaged by 20 years of weathering and mudslides. I found the remains of a
huge homebrew hydroelectric plant (the turbines were over 8 feet in
diameter) which was probably used to power some very high-power
transmitting equipment, as I also came across a room-sized wooden
transmitter chassis with scores of 1.5-foot long transmitting tubes, mostly
broken, mounted with ceramic socket bases. The hydro-plant harnessed the
energy of a fast-running stream which puzzled me since I was just a stone's
throw from the summit. As I walked upstream I discovered a rare high-output
mountaintop spring geyser! I figured Bob must have done a lot of shopping
before finding _this_ transmitting site!
Looking over some of Bob's personal records and technical notes
revealed even more fascinating information. It turns out that Bob had been
one of the early pioneers of radio, possibly a Marconi engineer, had
conducted early experiments with television, FM and microwaves in the
'20's and '30's, and was a chief military wartime radio engineer. During
the second world war he lost his security clearance and disappeared into
the woods where, judging by his notes and library of texts, he invented
and fabricated clandestine equipment used to spy, jam and otherwise thwart
efforts to implement nuclear weapons via high-power radio transmissions!
Much of the equipment is still intact: early microwave klystrons,
home-blown special-purpose tubes, and a plethora of military experimental
electronic apparatuses.
I learned from my friend, who now lives up there surviving off
the plentiful vegetation and forest resources, that children of other

reclusive forest inhabitants used to sneak up to Bob's window to watch the "magic wizard" at work, sometimes witnessing the eerie high-voltage phenomena and strange noises coming forth from the wireless receivers. I found a supreme court document describing numerous cases Bob brought against the local police. Apparently he never paid the numerous speeding tickets he got while making his parts runs; 2 hours on sketchy dirt roads to the nearest town; time Bob would have rather not wasted. His '57 Chevy Bel-Air '63 Impala wagon sit rusting nearby, filled with old radio parts and covered with bullet holes. Unfortunately many of his notes, wax recordings, wire and tape recordings have been destroyed. If you have any information about Bob I'd really appreciate the sharing.

Mark Chang
KI6ZQ

2168. Re: 10 Meters is Open

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 07:56:17 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3i1kr1$m8i@info4.rus.uni-stuttgart.de>
Source record: 251828

>When 10M openings become more frequent in the years ahead will 10M
>repeaters be shut down so as to avoid QRM'ing folks thousands of miles
>away? Wouldn't that be the polite thing to do?

Jeff,

This is a subject, which will cause a lot of headaches in the years
to come. There seems an increasing number of repeaters is licensed
here in DL, with the result that many FM frequencies are cluttered
by their carriers when the band is open. (at least the output freq.)
So it remains to work on input frequencies.

The way amateur radio is organized, I am sure the repeaters
will not be shut down, and using the satellite portion, even
when none is in reach is not a particularly good idea also.
(IMO they should be shut down too when the band is open)

73, Moritz DL5UH

2169. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 11:17:03 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEl.sony.COM
Message-ID: <9502171117.AA18983@mail1.sjc.in.sel.sony.com>
Source record: 251962

```
------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA18979; Fri, 17 Feb 95 03:17:03 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793031054; Thu, 16 Feb 95 21:32:12 EST
Date: Thu, 16 Feb 95 21:32:12 EST
From: Info-Hams@UCSD.EDU
Message-Id: <9501177930.AA793031054@ccmail.nhq.sony.com>
To: Info-Hams@UCSD.EDU
Subject: Info-Hams Digest V95 #128

Info-Hams Digest Thu, 16 Feb 95 Volume 95 : Issue 128

Today's Topics:
2M repeaters in France
AM vs. FM -> Aircraft?
ARLB015 ARRL President hospitalized
BNC what is stands for...HELP! (2 msgs)
Don't Let PRB-1 Die in New York State
For Sale:Pk-232
Ham License in US, the other side...
Hams & cops (2 msgs)
Japan Radio Corp.
Job Posting
Kenwood 830 question
Opinions about FT-ONE
QSL route for OA6PV ?
```

RF MODEM
T-Hunt info on Net?
What are these signals?
Your filth

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 16 Feb 1995 09:32:33 +0000
From: Mike@g4kfk.demon.co.uk (Mike Gathergood)
Subject: 2M repeaters in France

Hi Robert,

In article <8A353EA.00CB00251B.uuout@camel.com>
robert.brandon@camel.com "ROBERT BRANDON" writes:

> Bernard, thanks for the info on 2M in France. I would very much appreciate
> any listings, maps, etc. of 2M repeaters there. Thanks and 73, Robert
> WD5AAT

Call Ch Locator Location Dept mASL Comments
------ -- ------- ----------------------- ---- ---- ----------------
FZ1THF 0 JN18CS CLAMART / PARIS 92 205
FZ3VHF 0 IN88HL PLOUGONVER/St BRIEUC 22 320
FZ5VIL 0 .... VILLENEUVE sur LOT 47 RELAIS URBAIN
FZ0VHF 1 JN07WT LA SOURCE/ORLEANS 45 166
FZ3VHD 1 IN78VC IROISE/QUIMPER 29 300
FZ5VHC 1 JN03HN AUCH 32 250
FZ6THF 1 JN37NX Pt BALLON/COLMAR 68 1168
FZ8VHC 1 JN24BW Mt D'ALAMBRE 43 1691
FZ8GRB 2 JN25UD ECHIROLLES/GRENOBLE 38 218 RELAIS URBAIN
FZ1VHB 2 JN18PN PROVINS 77 153
FZ4VHF 2 JN05MP BUSSIERE GALAND/LIMOGES 87 517
FZ9VHB 2 JN24MD GIGONDAS/AVIGNON 84 315
FZ3VHC 3 IN98EC CESSON-SEVIGNE/RENNES 35 100
FZ6VHC 3 JN39AF MOYEUVRE/METZ 57 347
FZ9MCA 3 JN33RS Mt AGEL/MONACO/NICE 06 1025
FZ8VHB 3 JN25XQ Mt REVARD/CHAMBERY 73 1550
FZ2VBR 3x JN19IQ VERBERIE /SENLIS 60 114 Relais local
FZ3THF 4 IN98XK Mt DES AVALLOIRS/ALENCON 61 420
FZ4THF 4 IN92OX PIERRE St MARTIN/PAU 64 1765
FZ6VHD 4 JN28ME SEXFONTAINES/CHAUMONT 52 425 Entree UHF 431.375
FZ9VHC 4 JN24VC MONTAGNE DE LURE/DIGNE 04 1805

FZ2VHC 5 JN09CM LE HAVRE 76 95
FZ4VHB 5 IN94UR CAPIAN/BORDEAUX 33 137
FZ9VHD 5 JN23XE BORMES LES MIMOSAS 83 650
FZ2THF 6 JO10LA SAILLY SAILLISEL/PERONNE 80 210
FZ4VHC 6 IN95OX MORAGNE/ROCHEFORT 17 60
FZ5VHF 6 JN13FK PIC DE NORE/ALBI 81 1195
FZ7VHB 6 JN26FP MONCEAU 71 600
FZ9VHE 6 Col de Turini / NICE 06
FZ3VHB 7 IN96LV Mt DES ALOUETTES 85 265
FZ7THF 7 JN26WX Mt POUPET/SALINS 39 850
FZ9THF 7 ? L'ETOILE / MARSEILLE 13 800
FZ2VHB 8B IN98PX AUNAY SUR ODON / CAEN 14 327
FZ7VHF 8B JN17US LE RADAR/AUXERRE 89 358
FZ9VHF 8B JN12JK PIC DE FONFREDE/PERPIGN. 66 1100
FZ8VHD 8B JN25AC LE PUY 43 1020
TK1VHF 9B JN42QQ SERRA DI PIGNO/BASTIA 2B 960
FZ1VHF 9B JN09TD BUS St REMY/VERNON 27 210
FZ8VHF 9B JN25HR Mt BARMONT / LYON 69 888
FZ0THF 10 JN07JP MONTHODON/TOURS 37 170
FZ5VHB 10 JN14SP SIGNAL DE RANDON/MENDE 48 1550
FZ6VHB 10 JN38OI VALSBERG/STRASBOURG 67 700
FZ8LYN 10 ..... LYON (Ville) 69
TK2VHF 11 JN41IW LA PUNTA / AJACCIO 2A 700
FZ8THF 11 JN15JM CLERMONT-FERRAND 63 1820
FZ0VHB 12 JN06WS AIGURANDE/CHATEAUROUX 36 470
FZ5THF 12 JN02TW PRAT D'ALBI/FOIX 09 1205
FZ6VHF 12 JN18XX EPERNAY 51 243
FZ9VBR 12 JN34IV BRIANCON 5 2432
HB9G 5 JN36BK POELE-CHAUD / GENEVE 1628 FRANCO SUISSE

Channels:

Input	Output
R0	145.000	145.600
R1	145.025	145.625
R2	145.050	145.650
R3	145.075	145.675
R3x	145.0875	145.6875
R4	145.100	145.700
R5	145.125	145.725
R6	145.150	145.750
R7	145.175	145.775
R8b	144.725	145.325
R9b	144.750	145.350
R10	144.775	145.375
R11	144.800	145.400
R12	144.825	145.425

R0 to R7 are in use throughout Europe. R3x and R8b to R12 are unique
to France.

All repeaters in France are accessed with a short 1750Hz toneburst.
With a bit of practice a short whistle will work as well (try doing
that with CTCSS repeaters!) See '1750Hz Hospitality' PP105 QST Jan 95.

From personal experience, unless you speak French, don't bother taking
a rig with you - it'll be deadweight.

Mike Gathergood
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

Date: 16 Feb 95 21:32:20 GMT
From: hawley@aries.scs.uiuc.edu (Chuck Hawley)
Subject: AM vs. FM -> Aircraft?

gbelton@rs6.tcs.tulane.edu (Gerald A Belton) writes:

>Steve Mitchell (stevem@zimmer.CSUFresno.EDU) wrote:

>: Recently I've talked to a couple of pilots as to why the aircraft bands
>: are all AM. They said that it's just tradition. I thought that the AM
>: could be received over longer distances than FM, and that that was the
>: reason.

>: Can anybody here confirm or deny this?

>Pilots started putting radios in their planes before FM was invented, and
>nobody wanted to make all of the existing radios obsolete so they kept
>using AM.

>Transmitting distances depend more on frequency and power than on mode,
>at least when comparing AM and FM. (SSB or CW would go farther given the
>same power on the same frequency.) You are probably thinking of the
>differences between the AM Broadcast band (550 khz to 1600 khz) vs. the
>FM Broadcast band (88 Mhz to 108 Mhz). The range differences between

??????

I think that it might be as simple as you can break into an AM qso.
I think it's safer, all things considered.

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

Date: Mon, 13 Feb 1995 16:41:37 EST
From: w1aw@arrl.org
Subject: ARLB015 ARRL President hospitalized

SB QST @ ARL $ARLB015
ARLB015 ARRL President hospitalized

ZCZC AG81
QST de W1AW
ARRL Bulletin 15 ARLB015
From ARRL Headquarters
Newington CT February 13, 1995
To all radio amateurs

SB QST ARL ARLB015
ARLB015 ARRL President hospitalized

ARRL President Hospitalized

ARRL President George Wilson, W4OYI, suffered a stroke February 11
while in Washington, DC, on League business. Doctors are still
evaluating his condition.
NNNN
/EX

Date: 15 Feb 1995 20:30:09 -0500
From: steuer@eden.rutgers.edu (Team OS/2'er)
Subject: BNC what is stands for...HELP!

if I remember right, BNC stands for British Naval Connector, but if anyone has the file
that describes this, if you could mail it to me I would really appreciate it! Thanks!
Rob

--
==
| Robert M. Steuer email: steuer@eden.rutgers.edu FCC Radio Lic: KF2EK |
| MEMBER OF TEAM OS/2, Novell CNA [71% CNE] Want to Rollerblade? Email me.. |
==

Date: Thu, 16 Feb 1995 21:31:35 GMT
From: phb@syseng1.melpar.esys.com (Paul H. Bock)
Subject: BNC what is stands for...HELP!

steuer@eden.rutgers.edu (Team OS/2'er) writes:

>if I remember right, BNC stands for British Naval Connector, but if anyone has the file
that describes this, if you could mail it to me I would really appreciate it! Thanks!

WRONG! BNC is named for the two engineers who developed it, Neill
and Concilman (sp?); the "B" stands for "bayonet." TNC is also named
for them, except that the "T" stands for "threaded. The Type N stands
for Neill, the Type C for Concilman.

So, the correct names are:

BNC: Bayonet Neill-Concilman connector
TNC: Threaded Neill-Concilman connector
C: Concilman connector
N: Neill connector

I've forgotten where they worked, but it was someplace that was
doing VHF and above work and a new family of low-loss connectors was
required.

73 DE K4MSG

* Paul H. Bock, Jr. * Principal Systems Engineer
(|_|) * E-Systems/Melpar Div. * Telephone: (703) 560-5000 x2062
| |) * 7700 Arlington Blvd. * Internet: pbock@melpar.esys.com
* Falls Church, VA 22046 * Mailstop: N203

"Imagination is more important than knowledge." - Albert Einstein

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Date: Wed, 15 Feb 1995 12:34:36 GMT
From: bat@gdstech.grumman.com (Pat Masterson)
Subject: Don't Let PRB-1 Die in New York State

In article <3hg5gq$7ln@i-2000.com> hmn@i-2000.com writes:
> <<<<< We need your help to maintain our rights as amateur radio operators. >>>>>
>
> HELP SUPPORT
>
> R.A.D.I.O.
> (The Radio Amateurs Defense & Information Organization)
>
> CALL 516-735-2500
>
> 24 hrs/day
>
> Don't let PRB-1 Die in the State of New York
> It could have a devestating effect throughout the U.S.
>
>
> R.A.D.I.O.
> Post Office Box 343
> Williston Park, New York 11596
>
>

Hey Mark. Hit the return key every 75 characters so this stuff is
readable on people's computers. -pat

--
---
* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: Wed, 15 Feb 95 14:54:10 EST
From: jradcliffe@sycom.mi.org (Jay Radcliffe)
Subject: For Sale:Pk-232

Hello,
I have for Sale One Pk-232mbx which has had a very well kept life.
It come with everything you need to get in on the air less a radio and PC
All the cables, Power Supply, Manuals, and Software.

two hundred or best.

Jay Radcliffe
n8rhv@hamgate.cc.wayne.edu
jradcliffe@sycom.mi.org

Date: Thu, 16 Feb 95 10:33:42 -0500
From: brunelli_pc@delphi.com
Subject: Ham License in US, the other side...

I recently had the opportunity to administer an extra class
code and written to a HAM of foreign extraction. He is an
accomplished DXer in his homeland and is in MANY stateside
logs. He has been to a few of our VE sessions and takes them
very seriously.

He passed his Code element easily (??!!??) and spent a very long
time on the written. Upon handing it in he told the team how he
was sorry and that he felt that he did not do well. As it ended up he
only missed 5 questions.

Whn he found ot that hepassed he said this:

Now when i see my friends from "the pold country" i can say to them
' i don't know how you got your license, but i know exactly how
i got mine'."

For those of you in the cheap seats..... He worked for it, was tested
on his knowledge, and received operating priveledges as a result.
Before your next posting about how the current licensing system
is too easy, not what it used to be, a "gimme", etc... Keep in mind
that it could be corrupt, closed to may citizens by class, under
military control, ILLEGAL....

No, you do not have to be the next Lee DeForest to get an Extra class
ticket, which is good for most of the amateur community. If you have a better
way to handle it you have to do the work like that done tomake the
changes we see now,. Novice enhancement, No-Code, VE testing, name it
and it was made possible through hard work, not by grousing in a
usenet news group.

73 and cul

pete brunelli
n1qdq

Date: 16 Feb 1995 22:12:37 GMT
From: terry@col.hp.com (Terry Thero)
Subject: Hams & cops

Brendan Hoar (brendan@clark.net) wrote:

: S T U F F D E L E T E D

: Could it be Ham plates or just plain luck?

: Maybe I don't speed as much as I'm afraid I do?

Hi Brendan,

I rather doubt that it is the ham plates :-) Money for the city
coffers could come from ham's just as eaisly as from other sources :-)

However, there are some communities where ham's work very closely with
the police, and many officers know the ham's, and MAY tend to cut them
some slack :-) Take care Brendan.

73's
twthero

| | |
| twthero ----<|>---- terry@col.hp.com |
| de whiskey bravo zero oscar mike mike (WB0OMM) (old mountain man) |
| -.. . .-- -... ----- --- -- -- (after WB, it's all DAH's!) |

Date: 16 Feb 1995 16:05:07 GMT
From: brendan@clark.net (Brendan Hoar)
Subject: Hams & cops

I've come to the conclusion that police don't seem to want to pull me
over. Experience after experience of being paced (a warning?) when
speeding but never one ticket. I'm not crazy, but sometimes, just like
almost everyone, I go faster than they think I should.

For example, a Park Service police car paced me going 65 or so on the
George Washington Memorial parkway in VA a couple days ago. I believe
the limit there is 45 or so. Its a nice safe road, but its a parkway,
so the limit is lower. Unfortunately, I didn't notice him (or her)
there for quite a while. When I did, I immediately slowed to 50mph.
Then the cop passed me at 60-65 on my right and zoomed out of sight.

I've seen times where I've come into radar view, the officer has started
the car moving but then stopped as I approached (I slowed as soon as I
realized I was about to be nabbed) and continued about his or her business?

Could it be Ham plates or just plain luck?

Maybe I don't speed as much as I'm afraid I do?

-b

--
brendan@clark.net (703) 276-9768 -- Positive Force D.C./Torque Rec'ds/WDIY
->Lookin for DC area punk/DIY shows, radical events or protests? Email me!<-
http://www.clark.net/pub/brendan = updated -- [KD4YJS] -- "You've got to
pay for all your lies, and thats what America refuses to learn." - Phil Ochs

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Date: 16 Feb 95 13:54:00 GMT
From: jesposit@sctcorp.COM (Joe Esposito)
Subject: Japan Radio Corp.

Has anyone one the reflector ever used or know someone who has used a
Japan Radio Corp. (JRC) transceiver or other equipment? I'm
considering the purchase of a JST-245 and would appreciate any
feedback - good or bad - about functionality, quality, service, etc.
Thanks.

73,

Joe, K2YJL/M

Date: Wed, 15 Feb 1995 12:44:46 MST
From: mater@primenet.com (Eric Nelson)
Subject: Job Posting

Field Engineer-

US West Cellular, a progressive leader in the cellular communications industry, an immediate
opening for a Field Engineer in the Tucson area.

The position will be responsible for RF system design, cellular system optimization and planning,
cell site equipment procurement and new site evaluation and support. On a regional basis, this
position will provide cellular systems design support to meet quality and cost objectives. Requires
a BSEE or equivalent education, 1-2 years RF system design experience, knowledge of general
telephony concepts and basic understanding of RF propagation characteristics, testing and
verification, directional/tilted antenna applications and the PSTN network. Excellent organization
and communication skills and the ability to work in a winning team environment essential.
Experience in the cellular industry desirable.

Please e-mail resumes to mater@primenet.com

Date: 16 Feb 95 01:50:53 GMT
From: hawley@aries.scs.uiuc.edu (Chuck Hawley)
Subject: Kenwood 830 question

gdm@fermi.ualr.edu (Doug Mauldin) writes:

> Our ham club at school was given a Kenwood TS-830S transceiver.
>I haven't seen it, but apparently the tubes had been pulled and there
>is no documentation. As the resident old-timer, I was asked what
>kind of tubes they would have been, but I haven't the foggiest, having never
>seen inside one of these rigs (I was always a Drake man.)
>With the old Drake tube rigs, the brand of tube in the final stage
>was significant due to variation in interelectrode capacitance
>in 6JB6 sweep tubes among different manufacturers. Changing
>to a different brand required re-neutralizing the final.
>Is this a factor in 830s? About tube type numbers: I think
>they said the finals were 6146B's, but the driver type was unknown.
>Any help?

12BY7A driver and 6146B's......you should check neutralizing.

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

Date: 16 Feb 1995 09:19:42 GMT
From: uiahmed@uxa.ecn.bgu.edu (Iftkhar Ahmed)
Subject: Opinions about FT-ONE

I have recently bought a FT-ONE with all accessories and filters
installed. I will be mainly using it for DXing. I have never seen any
mods or discussion about this rig on this group. Need to know more about
this rig. Will be using it in my shack in AP-land. Appreicate any comments.

Khan (N7OLJ / AP2CW)

Date: 16 Feb 1995 14:23:06 -0600
From: Wayne_Estes@csg.mot.com (Wayne_Estes)
Subject: QSL route for OA6PV ?

Does anyone know the QSL route for OA6PV ? I think it's KA8-something.

qsl-info@aug3.augsburg.edu doesn't have this callsign on its database.

73 de Wayne Estes WD5FFH wayne@csg.mot.com

Date: 11 Feb 1995 07:07:07 GMT
From: Paul Newell <pnewell@earthlight.co.nz>
Subject: RF MODEM

I am looking for a circuit for an RS232 to RF modem.
I want to transmit data in one direction only at about 600 baud.
Any ideas?
Paul Newell

Date: 16 Feb 1995 07:14:16 -0800
From: teixeira@ccnet.com (TEIXEIRA)
Subject: T-Hunt info on Net?

A freind who is not on inter net wants to know are there any listservs,
news groups, ect. on T-Hunting.

Don

Date: 16 Feb 1995 10:07:56 GMT
From: rwlade@gate.net (Robert W. Lade)
Subject: What are these signals?

In article <792786132snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk ("Anthony R.
Gold") says:
>
>In article <3hl0p6$et3@newsbf02.news.aol.com>
> krisn3rqt@aol.com "Kris N3RQT" writes:
>
>> "VVV VVV VVV DE CTP CTP CTP QSX 46812 MHZ" on 3.782 Mhz
>>
>> The strings are sent repeatedly like a beacon.
>
>Sound like a Portuguese coastal marine station saying he is monitoring
>some frequency (I don't believe you got that 46812 MHZ right) for calls.
>
>I would guess that if you listen longer he will also periodically send
>the call signs of vessels he has traffic for.
>
>--
>
>Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

The 46812 MHz, means that he is listening on 4, 6, 8, and 12 MHz. That's the
way the marine band people talk about bands instead of 80, 40, etc meters

Bob Lade, W9UCR

Date: Wed, 15 Feb 95 03:50:00 -0800
From: cbpatten@snoval.fidonet.org (Chuck Patten)
Subject: Your filth

To: jeffrey@math.hawaii.edu

>"1935 will go down in history. For the first time, a civilized nation has
>full gun registration. Our streets will be safer, our police more efficient,
>and the world will follow our lead into the future." - Adolf Hitler

je> --
je> You'll think differently about this quote after you (or a family
je> member) have become a victim of street violence.

je> Jeff NH6IL
je> Jeffrey Herman

Having had a family member murdered, thank you very much, the
1935 quote above hits it RIGHT on the head! Self defense is our
duty and disarming everyone except the criminals and the police is
a sure way to lose what little freedom is left. I'd rather see you
dead than give up my means of personal protection. Follow Adolf's
lead and you will have his buddies running things once again!

chuck...

... "They that can give up essential liberty to obtain a little temporary
safety deserve neither liberty or safety : Benjamin Franklin

Date: 15 Feb 1995 20:05:35 GMT
From: wjturner@iastate.edu (William J Turner)

References<3hohkj$2a9@mother.usf.edu> <1995Feb14.155113.19352@ke4zv.atl.ga.us>,
<3htcaf$ggo@admin5.hsc.uth.tmc.edu>
Subject: Re: What's wrong with the HTX-404?

In article <3htcaf$ggo@admin5.hsc.uth.tmc.edu>,
Jay Maynard <jmaynard@admin5.hsc.uth.tmc.edu> wrote:
>In article <1995Feb14.155113.19352@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>The bands aren't full until every repeater
>>is key down continously with user signals.
>By this standard, the bands will _never_ be full, no matter how many
>repeaters and how much interference at peak times we have. Usage patterns
>will never allow it.
>
>As with an interactive computer system, the total loading isn't of
>interest...it's peak loading that counts. Who cares how many systems are
>unkeyed at 3 AM? How many hams would there be to talk on it at 3 AM? Long
>before that point is reached, the band would be completely unusable during
>peak times because of all the heterodynes and other interference form the
>masses of users. ....Or were you planning on mandating only certain
>operating hours?

If you had read his entire post, you would have seen him talking about
peak hours. He states that (by his definition) the bands aren't full
even during peak hours. The definition is fine, you just need to
remember the peak hours thing...

>Your definition is so absurd as to be meaningless.

Anything less would not be "full."

Date: 16 Feb 1995 16:29:48 GMT
From: jdevenport@lanl.gov (Jim Devenport)

References<markem.21.003241C0@primenet.com> <3gup31$jag@deathstar.cris.com>,
<3hvop2$24ct@news-s01.ny.us.ibm.net>
Subject: Re: The Legacy of the No-Code Tech License

In article <3hvop2$24ct@news-s01.ny.us.ibm.net>, rogsc@ibm.net says:
<various VE and no-code gripes deleted>
Does no one recall the Conditional License as I do? Conditionals used to
have the onus of suspicion and rightly so in many cases that they had a
"friend" who "overlooked" various irregularities. In many parts of the
country years back there were HUGE pockets of Conditional licensees, many
husbands who administered tests to their wives, etc, etc... most of who
could not copy CW in any shape or form. I'm convinced the Conditional
license was in fact the first "no-code" and often "no-theory" license.
I know personally of several acquaintances who on one day knew no morse
code or electronics and the next day bragging that they just passed their
license test. One fanatical CB'er I knew had his son go to Albuquerque
and take the test for him. I took FCC tests 2 or 3 times in the "old days"
and don't recall ever being asked to show any form of ID such as is asked
now for VE exams.
Another fairly technical fellow I knew bootlegged a bogus call for quite
a while and when found out (several times) he said he just couldn't learn
Morse code.... then he met a friendly sympathetic ham who administered
the Conditional test to him and VIOLA... now he became legally licensed!
As I recall only ONE (1) ham was required to administer the Conditional
exam so the possibilities for fraudulence were quite high.
Thus, I believe the present VE system is much better in avoiding unqualified
licensees.... Extra Class licensees who don't know anything or little
about electronics notwithstanding. Try to figure out some reasonable way
of coming up with an easily administered test of any kind that actually
ensures only electronically advanced folks can pass. Most tests are
in effect tests of willpower of some sort, not real expertise.

Jim Devenport WB5AOX
".... The Christian Principle has not been tried and found wanting......
It has just not been TRIED."

End of Info-Hams Digest V95 #128
****

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2170. Contact via Internet???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 11:34:18 UTC
From: bt4e23@btrtx2.uni-bayreuth.de
Message-ID: <3i21jq$ded@btr0x1.hrz.uni-bayreuth.de>
Source record: 251963

Hi, is there any chance to contact f1blo@f6kbo.fbre.fra.eu via the internet?
If someone knows anything please mail to
wfischer@btp2x5.phy.uni-bayreuth.de

Thanks

2171. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 12:32:41 UTC
From: drumhell@claudette.nrl.navy.mil
Message-ID: <3i2519$ldq@ra.nrl.navy.mil>
Source record: 251974

In article <3hvuhs$a4h@newshost.lanl.gov> jdevenport@lanl.gov (Jim Devenport) writes:
>
> [some stuff deleted]
>
> As I recall only ONE (1) ham was required to administer the
> Conditional exam so the possibilities for fraudulence were
> quite high. Thus, I believe the present VE system is much better
> in avoiding unqualified licensees.... Extra Class licensees who don't
> know anything or little about electronics notwithstanding. Try to
> figure out some reasonable way of coming up with an easily administered
> test of any kind that actually ensures only electronically advanced
> folks can pass. Most tests are in effect tests of willpower of some
> sort, not real expertise.
>

Good point. It's highly unlikely that one could bribe, or otherwise convince three or more volunteer examiners to issue you a fraudulent CSE. Some have argued that the tests have become easier, and that may be true. But the present testing system is probably more credible. (Fewer fraudulent licenses begin issued.)

My only gripe with the present system is that you may retake the exam on the same day. When my brother took his exam last Saturday, he said one woman had to take her no-code tech test twice. So I assume the VE's can keep on giving you tests until you pass. Doesn't this defeat the purpose of the test? Discussion anyone?

-Dave
--
David Drumheller, KA3QBQ phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

2172. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 13:51:57 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <3i29lt$f47@acme.freenet.columbus.oh.us>
Source record: 251837

David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:

: Good point. It's highly unlikely that one could bribe, or otherwise
: convince three or more volunteer examiners to issue you a fraudulent CSE.
: Some have argued that the tests have become easier, and that may be true.
: But the present testing system is probably more credible. (Fewer
: fraudulent licenses begin issued.)

: My only gripe with the present system is that you may retake the exam
: on the same day. When my brother took his exam last Saturday, he said one
: woman had to take her no-code tech test twice. So I assume the VE's can
: keep on giving you tests until you pass. Doesn't this defeat the purpose
: of the test? Discussion anyone?

Talk about a thread that goes on, and on, and on..... Anyway, as part of the ARRL VE team here in Columbus, OH..... we will offer a second test only if all the graders on the first agree that it looks like the person knows the material, as in only missed passing by a little. The person is given a different test, and must pay the testing fee again. We do not give tests out until the person passes, two is the limit.

Regards.....
--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

2173. Re: NOAA VHF Weather Stations question...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 13:56:17 UTC
From: c21rag@kocrsv01.delcoelect.com
Message-ID: <3i29u1$3b6@kocrsv08.delcoelect.com>
Source record: 251840

In article <3i0ega$14g@michp1.redstone.army.mil>, helliott@losat.redstone.army.mil (Doc Elliott) writes:
> Hello;
>
> The NWS operates continuous broadcast stations on three frequencies at
> 162.4, 162.55, and 162.475 MHz (I may be slightly off on the freqs). My
> question is this - one can buy a little receiver for these broadcasts at
> Radio Shack and elsewhere, and they have some kind of alerting
> capability. Apparently, the little buggers respond to some kind of a
> DTSS code or CTCSS subaudible transmitted by the NWS station whenever
> they issue a weather bulletin. Does anybody know how this alerting
> operates? I have my 2m receiver set to pick up the local NWS freq, but I
> would like to know if I can set up the CTCSS or DTSS so that it would
> break squelch only when the NWS issues a bulletin. Is this possible?
> Anybody know what the codes/tones are?
>
The alert tone is a single frequency of (going on somewhat flaky
memory here) 1050 hz. It's definitely not sub-audible! My scanner
apparently just mutes the audio when it's on Alert setting, as I can
still hear the audio faintly if I'm right next to it. When it
senses the tone, it unmutes and stays unmuted until reset, so that if
it goes off while no one's home you know that it happened.

I believe NWS uses all the 25khz channels from 162.4 to 162.55.

Roger Grady K9OPO c21rag@kocrsv01.delcoelect.com
Delco Electronics Corp. Kokomo, IN
"All information and opinions are strictly personal."

2174. Re: Yippee! 4 days!...Ugh.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 13:56:37 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <3i29ul$ftj@acme.freenet.columbus.oh.us>
Source record: 251838
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Greg Smith (greg.n.smith@daytonoh.attgis.com) wrote:
: Ugh! My new callsign is what?!

: KB8WUS?!

: What the hell did I do in a previous life to derserve a lame callsign like
: KB8WUS?

: Any suggestions? I really am not looking forward to the comments I'll get
: after ID. Can I have my call changed? How long does it take? What forms do
: I need?

Yep, good old form 610..... request a callsign change only, you will get
the next KB8 in the series. You don't even have to explain why.... I know
several people who did that after receiving their new call......

Better yet, upgrade!

--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

2175. Re: How long to get first license and callsign?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 13:57:15 UTC
From: bjahnke@arrl.org
Message-ID: <1995Feb17.135715.29082@arrl.org>
Source record: 251842

David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
: This past weekend my brother passed the exam for the no-code technician
: class license. So my question is...how long will it take for him to get
: his callsign? (I presume it will be an N3U?? callsign.)

: One of the examiners said some people are getting them in about a week.
: (I assume they're calling the FCC to confirm receipt of the 610.) Is this
: true? If so, then can I assume the ARRL VEC is using electronic filing?

: -Dave
: --
: David Drumheller, KA3QBQ phone: (202) 767-3524
: Acoustics Division, Code 7140 fax: (202) 404-7732
: Naval Research Laboratory
: Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

Dave:

Although you didn't mention where your brother tested or what the date was,
I took a stab at it and found that he tested at the ARRL/VEC examination in
Frederick MD on 2/11/95.

Michael's Form 610 application was received here at the ARRL/VEC on 2/15, it
was processed and the data was forwarded to the FCC yesterday, 2/16.

According to FCC this morning (800-322-1117), Michael's Technician license
was granted today (2/17) with a call sign of N3UMY.

Please convey our congratulations to him!

73,

--Bart J. Jahnke, KB9NM
Manager
ARRL/VEC

vec@arrl.org

2176. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 14:08:08 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.793030088@melpar>
Source record: 251964

drumhell@claudette.nrl.navy.mil (David Drumheller) writes:

>In article <3hvuhs$a4h@newshost.lanl.gov> jdevenport@lanl.gov (Jim
>Devenport) writes:
>>
>> [some stuff deleted]
>>
>> As I recall only ONE (1) ham was required to administer the
>> Conditional exam so the possibilities for fraudulence were
>> quite high. Thus, I believe the present VE system is much better
>> in avoiding unqualified licensees.... Extra Class licensees who don't

I posted on this subject the other day, but here it is again right
from the 1956 License Manual (well, not word for word, of course; that
takes too much space):

In 1956-57, when I got my Novice and later my Conditional, the rules
were that:

1) Only the General & Extra Class exams were given by the FCC.

2) Anyone wanting a Novice or Technician class *had* to take it
by mail.

3) Those wishing to have General Class privileges who lived more than
75 miles airline from the nearest FCC examining point could
apply for a Conditional Class license and take it by mail.

4) The code test for a Novice, Technician, or Conditional had to
be administered by someone holding a General, Advanced (many
oldtimers still held them even though new ones were not being
issued then), or Extra Class license. Only *one* code examiner
was required, and there was no age limit; i.e., a 12-year old
with a General Class could give the code test.

5) The written exam had to be proctored by *one* person over 21
years of age. That person *did not* have to hold a valid ham
license of any kind.

EXAMPLE: W4BXI, age 16, gave me my Novice code test (I was 15); my
high school principal proctored the Novice written exam.
When I took my Conditional exam, W4FJ gave both the code
and written since he held an Advanced and was *way* over 21!

Obviously, the VE system is *far* superior since it requires extensive
collusion among several individuals to cheat the system - not that it
hasn't happened, mind you, but the odds are much higher against it then in

the old days. If the truth were ever known, I'll bet that there was a lot more "coaching" during written tests given by mail, not to mention code tests that were sent by hand on an oscillator and were closer to 10 wpm than 13, than a lot of hams in my generation would care to admit.

In fact, to be frank, I see little difference between a VE-administered exam and an FCC-administered one. You're in a controlled environment, you're not allowed to cheat, and the results are cut-and-dried: you either pass or you fail. Having taken exams at the FCC office in years gone by (Generl, Advanced, 1st Class Radiotelephone) it seems to be that the only thing missing is the "intimidation" factor of being in the FCC office, although I always found the examiners to be courteous but businesslike, and certainly not nasty, intimidating ogres.

73 DE K4MSG

```
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```

(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

2177. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 14:20:27 UTC
From: ehare@arrl.org
Message-ID: <1995Feb17.142027.29581@arrl.org>
Source record: 251965

Tony Pelliccio (Tony_Pelliccio@brown.edu) wrote:

> In article <1995Feb7.123653.23764@arrl.org>, ehare@arrl.org
> (Ed Hare (KA1CV)) writes:

> I would enjoy USENET even more than I do if all of the inflammatory comments
> about different classes of people were lost in the bit bucket. If this is
> an opportunity to vote, I vote in the affirmative!!!

: So in essence what Ed is saying is that he doesn't mind discussion, so long
: as there are no dissenting opinions?

I looked and looked and just didn't see that anywhere in my choice of words.
To recast and expand on my statement a bit, I don't mind discussion and I
welcome dissenting opinions; the most valuable things I have learned in my
life were usually prefaced by "I disagree with you, Ed..."

I just don't like the insults heaped on entire groups of people, for any
reason. They do little to help foster belief in the "dissenting opinion" one
is offering for discussion, they do little to help sway opinion and they
usually sidetrack meaningful discussion into a bout of counter insults and
name calling that most people avoid with their kill file.

73, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

2178. Re: I Need KL7 on 160m!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 14:35:25 UTC
From: jayk@fc.hp.com
Message-ID: <3i2c7d$9ma@tadpole.fc.hp.com>
Source record: 251966

Jay Kesterson K0GU (jayk@fc.hp.com) wrote:
: : Hi, folks-
: : I'm looking for a station in Alaska that has 160m capability.
: : 73,
: : Sean
: : --
: : Sean Kutzko Amateur Radio: KF9PL

: Out of 1038 160m QSOs in the ARRL 160 test in December this is the only
: KL7 that I worked.

: 3-Dec-94 0624Z #453 160 KL7Y 599 AK AK 2

: Dan KL7Y shows up in quite a few contests. Also KL7RA and another NL7??
: also frequently show up during contests. It just so happens that the
: ARRL CW DX Contest is this weekend. Bet a KL7 or two will be on.

: 73, Jay K0GU jayk@fc.hp.com

Checked my log and the DX Cluster to find the KL7 call I forgot. The station is AL7MX. He is on frequently in contests and probably has the best signal of any KL7 I have worked on 160.

Here are a few spots from the Front Range (CO) DX Cluster:

AL7MX
1832.5 27 Jan 0647Z
1822.0 26 Jan 0627Z
1833.0 18 Dec 1253Z
1828.0 26 Nov 0306Z CQWW CW DX Contest
1826.9 25 Nov 0429Z CQWW CW DX Contest

KL7RA
1835.4 29 Jan 0308Z CQ160 CW Contest

NL7G
1813.0 26 Nov 0401Z CQWW CW DX Contest

GL, Jay K0GU jayk@fc.hp.com

2179. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 14:35:39 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEl.sony.COM
Message-ID: <9502171435.AA21425@mail1.sjc.in.sel.sony.com>
Source record: 251967

```
------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA21423; Fri, 17 Feb 95 06:35:39 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793042983; Fri, 17 Feb 95 04:30:17 EST
Date: Fri, 17 Feb 95 04:30:17 EST
From: Info-Hams@UCSD.EDU
Message-Id: <9501177930.AA793042983@ccmail.nhq.sony.com>
To: Info-Hams@UCSD.EDU
Subject: Info-Hams Digest V95 #129

Info-Hams Digest Fri, 17 Feb 95 Volume 95 : Issue 129

Today's Topics:
Anybody try TH-79A MARS/CAP mod?
ARLB016 FCC call sign update
ARLB017 RFI changes proposed
NOAA VHF Weather Stations question...
Pat on the back for Gary KE4ZV
PRB-1 in So. Cal.
q (3 msgs)
School Roundup
True CW
VHF+ News Groups?
Yaesu FT 51R (5 Watt) HT 4 sale
Yippee! 4 days!...Ugh.
```

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 16 Feb 1995 11:04:47 -0700
From: gcortevi@nyx10.cs.du.edu (Greg Corteville)
Subject: Anybody try TH-79A MARS/CAP mod?

Has anybody tried the MARS/CAP mod for the TH-79A. I got a copy of the
instructions from oak.oakland.edu in /pub/hamradio/mods/kenwood/th79A. I
was wondering if this actually works before I try it. Kenwood tells me
that if its done correctly it won't void my warranty, but they cannot
confirm the directions I have for the mod are in fact correct unless I
have a MARS license. The reason I want to do this is to get full 70cm
coverage (which is what this mod is also supposed to do). Right now the
radio won't go below 438.000. That leaves out almost all of ATV.

Any help would be appreciated.

KB8WFV

--
Greg Corteville | "If privacy is outlawed, only
gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
gcortevi@trident.lbs.msu.edu | - PGP Documentation
---[PGP Key available via finger]-----------------------------------

----

Date: Thu, 16 Feb 1995 17:18:03 EST
From: w1aw@arrl.org
Subject: ARLB016 FCC call sign update

SB QST @ ARL $ARLB016
ARLB016 FCC call sign update

ZCZC AG82
QST de W1AW
ARRL Bulletin 16 ARLB016
From ARRL Headquarters
Newington CT February 16, 1995
To all radio amateurs

SB QST ARL ARLB016
ARLB016 FCC call sign update

FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs
as of February 1.

District Group A Group B Group C Group D
Extra Advanced Tech/Gen Novice

0 AA0VS KG0TJ ++ KB0QVG
1 AA1MB KD1ZH N1UFI KB1BNN
2 AA2VU KG2AP ++ KB2TLZ
3 AA3KC KE3RA N3UIZ KB3BGK
4 AE4CX KS4MX ++ KE4VDD
5 AC5AH KK5JD ++ KC5MKA
6 AC6JX KO6PF ++ KE6QOX
7 AB7HT KJ7JB ++ KC7IQZ
8 AA8SA KG8OO ++ KB8WQX
9 AA9NS KG9AJ N9ZZZ KB9JCR
N. Mariana KH0Q ++ KH0DQ ++
Guam WH2K AH2CZ KH2NB ++
Midway ++ AH4AA KH4AG WH4AAH
Hawaii ++ AH6NU ++ WH6CSL
Amer. Samoa AH8M AH8AH KH8CF WH8ABB
Alaska ++ AL7PW ++ WL7CKG
Virgin WP2Q KP2CD NP2HY WP2AHV
Puerto Rico ++ KP4YM ++ WP4MWC

++All call signs in this group have been issued in this area.
NNNN
/EX

Date: Thu, 16 Feb 1995 17:20:59 EST
From: w1aw@arrl.org
Subject: ARLB017 RFI changes proposed

SB QST @ ARL $ARLB017
ARLB017 RFI changes proposed

ZCZC AG83
QST de W1AW
ARRL Bulletin 17 ARLB017
From ARRL Headquarters
Newington CT February 16, 1995
To all radio amateurs

SB QST ARL ARLB017
ARLB017 RFI changes proposed

RFI changes proposed

The FCC has proposed to permit manufacturers and suppliers of
computers and computer peripherals to market their equipment without
having to apply for equipment certification and await FCC approval,
in ET Docket 95-19.

These devices now must be FCC-certified to ensure that they do not cause interference to radio services, including amateur. Certification requires that all measurement data and a detailed description of the product be submitted to the Commission's laboratory for review and approval.

The certification process can take 35 days or more, the FCC said, and eliminating the wait could save the computer industry some 250 million dollars a year, the industry has said. The FCC called the current regulations ''particularly burdensome for small manufacturers'' and said its proposed new authorization procedure would ''align'' FCC requirements for personal computers with those ''used successfully in other parts of the world.''

Under the proposed new procedure, FCC authorization would be replaced by a process based on a manufacturer's or supplier's Declaration of Conformity (DoC). The Commission also has proposed the option of permitting personal computer compliance to be based on tests and DoCs of individual components, without further testing of completed assemblies.
NNNN
/EX

Date: 17 Feb 1995 05:17:40 GMT
From: daf19730@Rosie.UH.EDU
Subject: NOAA VHF Weather Stations question...

In article <3i0ega$14g@michp1.redstone.army.mil>,
helliott@losat.redstone.army.mil (Doc Elliott) writes:
>Hello;
>
>The NWS operates continuous broadcast stations on three frequencies at
>162.4, 162.55, and 162.475 MHz (I may be slightly off on the freqs). My
>question is this - one can buy a little receiver for these broadcasts at
>Radio Shack and elsewhere, and they have some kind of alerting
>capability. Apparently, the little buggers respond to some kind of a
>DTSS code or CTCSS subaudible transmitted by the NWS station whenever
>they issue a weather bulletin. Does anybody know how this alerting
>operates? I have my 2m receiver set to pick up the local NWS freq, but I
>would like to know if I can set up the CTCSS or DTSS so that it would
>break squelch only when the NWS issues a bulletin. Is this possible?
>Anybody know what the codes/tones are?
>
>
>Thanks,
>Doc Elliott
>KE4KUZ
>Internet: helliott@losat.redstone.army.mil
>packet: ke4kuz@k4ry.#cenal.al.usa.noam
>The opinions expressed herein are mine, and do not
>reflect those of my employer or anyone else unless

>specifically stated as such.
>
It's a 1050Hz tone burst transmitted for 20 seconds before the
severe weather bulletin.
73 de kb5pgy

Date: 16 Feb 1995 19:24:41 GMT
From: danb@acme.csusb.edu (Dan Brown)
Subject: Pat on the back for Gary KE4ZV

Val Breault (vbreault@rinhp750.gmr.com) wrote:
: This is a pat-on-the-back for
:
: Gary Coffman KE4ZV | You make it, |
gatech!wa4mei!ke4zv!gary

Agreed!

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

Date: 16 Feb 1995 14:43:57 GMT
From: rogsc@ibm.net
Subject: PRB-1 in So. Cal.

Anyone know of any pending PRB-1 actions in Southern California?

Date: 16 Feb 1995 02:52:02 GMT
From: gclyde@well.sf.ca.us (George Clyde)
Subject: q

I am a licensed ham and also have a marine VHF license for my boat. I am
interested in a hand-held 2m unit which I can modify for marine VHF use.
Any suggestions? I gather that the Radio Shack model cannot be so modified,
but the Yaesu, ICOM, etc. can.
Any ideas would be appreciated.
Thanks

Date: Thu, 16 Feb 95 06:31:17 GMT
From: jangus@skyld.grendel.com (Jeffrey D. Angus)
Subject: q

In article <3hueki$fsm@nkosi.well.com> gclyde@well.sf.ca.us writes:

> I am a licensed ham and also have a marine VHF license for my boat. I am
> interested in a hand-held 2m unit which I can modify for marine VHF use.
> Any suggestions? I gather that the Radio Shack model cannot be so modified,
> but the Yaesu, ICOM, etc. can.
> Any ideas would be appreciated.
> Thanks

Most of the newer HT's are modifiable. However, NONE of them are TYPE
ACCEPTED and as such, aren't legal for use on the marine band.

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

Date: Thu, 16 Feb 1995 14:25:30 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: q

In article <3hueki$fsm@nkosi.well.com> gclyde@well.sf.ca.us (George Clyde)
writes:
>
>I am a licensed ham and also have a marine VHF license for my boat. I am
>interested in a hand-held 2m unit which I can modify for marine VHF use.
>Any suggestions? I gather that the Radio Shack model cannot be so modified,
>but the Yaesu, ICOM, etc. can.
>Any ideas would be appreciated.

None of the current crop of *amateur* radios can be legally modified
to marine because none of them are Type Accepted for marine use.
However, you can get a Type Accepted *marine* radio and have some
of its channels programmed into the 2 meter ham band. That's perfectly
legal and workable. Icom makes a nice marine radio that could be
so programmed.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 13 Feb 1995 23:00:44 GMT
From: plaws@comp.uark.edu (Peter Laws)
Subject: School Roundup

Also listen for W5YM, the Amateur Radio Club of the University of
Arkansas ...

73,
Peter Laws, N5UWY - V31WY

Public Information Officer,
Club Historian,
Past President,
Amateur Radio Club,
University of Arkansas / W5YM
WWW: http://www.uark.edu/w5ym/ <--- Check us out!

Date: Thu, 16 Feb 95 17:05:15 EST
From: richwood@commspec.com
Subject: True CW

IL>I sligltly disagree with you..CW is a skill, but a personnal one..
IL>If you really want to talk to someone in HONG KONG just call them on the
IL>telephone..No real skill in doing this is it..But to communicate with
IL>someone who speaks a different language (but the same CW language) is a
IL>skill..To copy someone sending CW when its about five other stations on

Lenny,
This is very interesting! How do you send Chinese in CW?

CW is NOT a language. If I send the Morse character "A" the person receiving it will receive an "A." There is no "A" in Chinese, so, unless the person in Hong Kong reads English he won't have the foggiest idea what you're sending.

If I send "voila" to someone who doesn't read French, it means nothing to him. There's a great difference between sending a series of characters and whether or not the receiver understands the resulting words.

CW is a mode of operation. There is no such thing as a "CW language." CW simply communicates Morse characters which must be understood in the language sent.

Rich
KF2JO

Date: 16 Feb 1995 08:44:43 -0600
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: VHF+ News Groups?

Try vhf@w6yx.stanford.edu

73,

Rick WB9GYT

Date: 16 Feb 1995 13:36:12 -0500
From: patrickmy@aol.com (PatrickMY)
Subject: Yaesu FT 51R (5 Watt) HT 4 sale

Top of the line Yaesu FT 51R dual bander with 5 Watt battery for sale. Used once, battery has only been charged once. Owned 2 weeks. Received as a gift, but I decided I like my old ICOM better. $490 + insurance (I pay for UPS ground). If interested, please E-mail me (patrickmy@aol.com).

73,
Patrick KB2STB

Date: Thu, 16 Feb 1995 14:41:23 GMT
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Subject: Yippee! 4 days!...Ugh.

Yippee! I just got my FCC callsign. In only four days!

Ugh! My new callsign is what?!

KB8WUS?!

What the hell did I do in a previous life to derserve a lame callsign like KB8WUS?

Any suggestions? I really am not looking forward to the comments I'll get after ID. Can I have my call changed? How long does it take? What forms do I need?

Greg Smith
AT&T Global Information Solutions
greg.n.smith@daytonoh.attgis.com

Date: Thu, 16 Feb 1995 19:47:21 GMT
From: R0264@info.onet.edu

References<3h44ce$e3g@acme.freenet.columbus.oh.us>
<1995Feb7.135642.12639@ke4zv.atl.ga.us>, <3hu0b2$9up@news.ualr.edu>
Subject: Re: current flow

In article <3hu0b2$9up@news.ualr.edu>
gdm@fermi.ualr.edu (Doug Mauldin) writes:

>
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>
>: Back in the days before the electron was discovered, people decided,
>: arbitrarily, that current flowed from positive to negative. They didn't
>
> Correct me if I am wrong, but isn't this convention due to one
>person in particular, who went by the name of Benjamin Franklin?
>

>
Yes, I think so. A EE student told me that B. Franklin "guessed
wrong." I guess he had to make an arbitrary decision, and could
at that time think of go good grounds for either choice.
-- Phil Emerson, AA8JO.

Date: 16 Feb 1995 03:28:26 GMT
From: little@iamu.chi.dec.com (Todd Little)

References<3ho2dl$l1h@news.iastate.edu> <3ho9vd$h0t@ixnews3.ix.netcom.com>,
<3hoauf$q3m@cat.cis.Brown.EDU>
Reply-To: little@iamu.chi.dec.com (Todd Little)
Subject: Re: The Legacy of the No-Code Tech License

In article <3hoauf$q3m@cat.cis.Brown.EDU>, md@maxcy2.pstc.brown.edu (Michael P.
Deignan) writes:
|>In article <3ho9vd$h0t@ixnews3.ix.netcom.com>,
|> mjsilva@ix.netcom.com (michael silva) writes:
|>
|>|> I disagree. I think it would matter a great deal. Much (most?) of what
|>|> is taken as anti-no-code feeling is, I believe, anti-no-theory
|>|> annoyance. In my case, I have only a weak attachment to CW as a test
|>|> element, but strongly believe that any ham with "full Extra privileges
|>|> above 30 MHz", as someone oddly put it recently, should have some idea
|>|> what's going on inside their Yaecomwood.
|>
|>Well said. Too bad any effort required to get a license in amateur radio
|>today is considered "unfair". "It's my RIGHT! Hey, I mean, I'm BREATHING,
|>aren't I?"

Ah yes, the old "back in the good old days..." argument. Can't you come
up with something new Michael D? Your old inflamables just aren't what
they used to be.

And to Michael S, what does that have to do with the no code technician
license? That argument is a condemnation of all the written tests
and has absolutely nothing to do with one class or another. Or are you
suggesting that elements 2 and 3a have some how become cooresponding
easier than elements 3b, 4a, and 4b?

73,
Todd
N9MWB

Date: 16 Feb 1995 19:14:37 GMT
From: wjturner@iastate.edu (William J Turner)

References<3htcaf$ggo@admin5.hsc.uth.tmc.edu> <3htmqf$rve@news.iastate.edu>,
<3hvqbu$3sp@admin5.hsc.uth.tmc.edu>

Subject: Re: What's wrong with the HTX-404?

In article <3hvqbu$3sp@admin5.hsc.uth.tmc.edu>,
Jay Maynard <jmaynard@admin5.hsc.uth.tmc.edu> wrote:
>What I was
>criticizing was his ludicrous assertion that the bands would not be full
>until every frequency was constantly in use, 24 hours a day.

I guess maybe I was the one who didn't read it all. It looks like there
was more to what he said than my newsreader let me see.

From what I read, there was absolutely no mention of "24 hours a day."
Only that every frequency had to be in use at the same time. YOu can
read peak hours or 24 hours a day into it as you want...

Date: 17 Feb 1995 04:55:14 GMT
From: bob@texas.net (Bob Scott)

References<D43sws.L4x@zimmer.CSUFresno.EDU> <3i0ds6$hlv@rs10.tcs.tulane.edu>,
<hawley.792970340@aries>
Subject: Re: AM vs. FM -> Aircraft?

>Steve Mitchell (stevem@zimmer.CSUFresno.EDU) wrote:
>
> Recently I've talked to a couple of pilots as to why the aircraft bands
> are all AM. They said that it's just tradition. I thought that the AM
> could be received over longer distances than FM, and that that was the
> reason.
>
> Can anybody here confirm or deny this?
>

Because FM receivers exhibit "capture effect" (the strongest signal will
nearly fully quiet all weaker signals) an emergency/distress call by an
aircraft more distant than another transmitting aircraft would not be
heard, and controllers would not be able to detect doubling (when more
than one station transmits at the same time). It would be pretty
chaotic in a place like the LA basin trying to get through to ARTCC
with FM sigs!!

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

End of Info-Hams Digest V95 #129
****

------- =_aaaaaaaaaa--

2180. Re: T-Hunt info on Net?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 17:16:40 UTC
From: kd6lza@kaiwan009.kaiwan.com
Message-ID: <3i2llo$i28@kaiwan009.kaiwan.com>
Source record: 251834

TEIXEIRA (teixeira@ccnet.com) wrote:
: A freind who is not on inter net wants to know are there any listservs,
: news groups, ect. on T-Hunting.

: Don

fox-list at listserv@netcom.com

2181. Re: frequency definition for lf/hf/vhf/uhf

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 18:02:01 UTC
From: wsw@cellware.de
Message-ID: <wsw.160.008C1404@cellware.de>
Source record: 251909

In article <linleyD3qynE.GtE@netcom.com> linley@netcom.com (Bruce James Robert Linley) writes:

>........ <deleted>

>Actually, there are other names for it like: heat, red, orange, yellow,
>green, blue, purple (I never say 'violet', that's a flower), UV, X-ray,
^^^^^^ ^^^^^^^^^^^^^^^^ ^^

So shouldn't it be UP instead of UV in your terminology??? :))

just kidding...
Stefan

2182. Elmers list to hemorrhage 60 Elmers?!?! (was Re: Second Biannual Elmers Directory Mass-Ack (Followup))

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 18:18:29 UTC
From: pschleck@gonix.com
Message-ID: <pschleck.793045109@gonix>
Source record: 251969
Cross-posted to: rec.radio.amateur.misc,misc.test

I know that in my previous message I promised that the two articles posted to news announcing my biannual house-cleaning of the directory would be my last. However, the extremely low response rate is making me very concerned that I'm having E-mail problems on my end (or that the objectives of the Elmers list are flawed in some way and many of the existing Elmers are either too busy or don't want to be Elmers anymore). There was a configuration problem on my end for about 12 hours on February 2nd that caused some E-mail to bounce, but that has since been fixed.

Based on my last count, the Elmers list on March 1st will be roughly half the size that it was on February 1st. The exodus is big enough that I'm concerned that the context-diffs for the "Changes" article will be over the 64K posting limit. In addition, the deletions reflect a considerable amount of recruiting and editing work on my part that is going to go down the tubes.

If this is the way it goes, I suppose I can live with it (and undertake the recruitment of 60 more Elmers that will also disappear in two-year's time :-). If you are an Elmer, and either this is the first time you've seen this thread, or you have had problems contacting me via E-mail, please try to contact me (again) as soon as possible (you may also want to try calling me at (402) 291-6176 or sending me U.S. Mail to P.O. Box 155, Mount Rainer, MD 20712). While I'd like to discourage purely "closed-circuit" messages posted to news, I've not set the Followup-To: header so that this thread can be further discussed on rec.radio.amateur.misc, if you wish.

Hope to hear from more of you soon.

--
73, Paul W. Schleck, KD3FU
pschleck@gonix.com

2183. GB2RS News 19th February 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 19:17:53 UTC
From: dave@llondel.demon.co.uk
Message-ID: <793073873snx@llondel.demon.co.uk>
Source record: 251971
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 19th of February and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

This week marks an important anniversary in the world of radio. It was on the 23rd of February 1895 that Guglielmo Marconi in Italy successfully transmitted for the first time. A new beacon marking the centenary of his tests and using the callsign I1M is now transmitting on 21.151 MHz. After moving to England, Marconi used a site at Alum Bay on the Isle of Wight for the first transmissions to a ship at sea. The West Wight Radio Society has recently obtained a permanent special event callsign, GB2GMM, for a station located at this site.

Thinking Day on the Air, when Guides throughout the world are able to communicate using amateur radio, started yesterday, Saturday the 18th and continues today. Well over two hundred UK stations are operational using the GB prefix, as well as many using the special club prefixes.

The RSGB Repeater Management Group is looking for an editor for their occasional newsletter, Repeater Report, which is sent to all UK repeater groups. Applications should be sent to the Repeater Management Group Chairman, Geoff Dover, G4AFJ, whose address is correct in the latest RSGB Callbook.

A GB2CW RSGB Morse practice transmission is available each week in the Huntingdon area. The sender is G4LHI who will operate at 7.00 pm local time each Tuesday on 145.225 MHz using FM.

The RSGB Liaison Officer for the Shetlands is Robert Miles, GM4CAQ, whose address is correct in the current RSGB Call Book. RLOs hold a wide range of information and are available to advise RSGB members.

The Kuwait National and Liberation Days are on the 25th and 26th February, and Kuwaiti stations may add the suffix stroke NLD after their callsigns from 0001 UTC on 25th February until the end of the month. The Kuwait Amateur Radio Society is offering an award to amateurs who contact three Kuwaiti stations during this period. The K.A.R.S. club station, 9K2RA/NLD, will be active and counts as two contacts. The award is also available on a heard basis for SWLs.

Now some other items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Antigua, Ratko, YU1NR will sign V29NR from Thursday the 23rd of February until the 3rd of March. Activity will be on all bands, SSB only. Check these frequencies:- 1.845, 3.795, 7.095, 14.193, 21.295 and

28.595MHz. There may also be activity on the WARC bands.

From Namibia, DL7UTR and DL7UUO will sign V5/own calls from around Friday the 24th February until the 19th of March. Activity will be on all bands using high power to vertical and wire antennas.

And from the Comoros - D68 - Marcel, ON4QM, will be active from around the 20th February for two months on all bands 40 to 10 metres, SSB only.

Next the Rally News:

The RSGB VHF Convention takes place today, Sunday the 19th, at the usual venue, Sandown Exhibition Centre, near Esher in Surrey. Featured are trade stands, a full lecture programme on VHF, UHF and Microwave subjects, specialist groups, Morse tests, trophy presentations and an RSGB book and information stand. Doors open at 10.30 am. Refreshments are available and there is ample car parking. Talk-in is by GB2VHF on channels S22 and SU22. Full details of the lecture programme and a map can be found in the February edition of Radio Communication.

Next Saturday, the 25th of February, the Tyneside Amateur Radio Society rally will take place at the Temple Park Centre, John Reid Road, South Shields. The doors open at 11.00 am, with disabled visitors being admitted from 10.30 am. All the usual traders will be there, as will an RSGB book stand. Morse tests will be held on request, but don't forget to take two passport-size photographs along if you wish to take your test at the rally. There will be a talk-in station on S22 from 8.00 am and there is ample car parking, with special arrangements for disabled drivers. Further information is available from Stuart, G0BSV, on 0191 281 0999.

Also on Saturday the 25th February, the Rainham Radio Rally will be held at Rainham School for Girls, Derwent Way, Rainham, Gillingham, in Kent. Doors open at 10.00 am, or 9.30 am for disabled visitors. Further information from Martin, G7JBO, on 01634 365980.

On Sunday the 26th February, the Barry Mobile Rally will take place at the Barry Leisure Centre, off Holton Road, Barry. Doors open at 10.30 am. Enquiries to Margaret, GW4GSH, on 01446 738756.

Also on Sunday the 26th, the Taw and Torridge Rally will take place at Bideford Hall, The Pill, adjacent to Victoria Park, Bideford, North Devon. Doors open at 10.30 am. For further details, please contact Mike, G3PGA, on 01271 860930.

On Saturday the 4th of March, the Aberystwyth and District Amateur Radio Society will be holding their rally at Aberaeron School, Aberaeron, in Dyfed. Details may be obtained from Katy, GW0SFO on 01545 580675.

Finally, the Mid Cheshire Amateur Radio Society has informed us that they have had to cancel their rally, which was planned for Bank Holiday Monday, the 8th of May.

Now for the HF contest news:

The ARRL DX CW Contest is taking place until 2359 UTC tonight on all HF bands, excluding the WARC bands. Contact only USA and Canadian stations and send RST followed by your power.

Next weekend, Saturday the 25th of February and Sunday the 26th, the RSGB 7MHz CW contest takes place. The contest starts at 1500 UTC on the Saturday and ends at 0900 on the Sunday morning. Send RST, a serial number, and your County Code. The full rules were published in the November 1994 RadCom and the county codes are in the January edition.

Other contests taking place next weekend include the CQ World Wide 160-metre SSB contest, which starts at 2200 UTC on the Friday evening, 24th of February, and the REF French SSB and Belgian UBA CW contest, both of which take place on Saturday and Sunday. Brief rules for all these contests have been published in recent issues of RadCom.

Next some VHF contest news:

Next Sunday, the 26th, sees another event in the 70MHz Cumulative Contest which takes place between 1000 and 1200 UTC. The rules can be found in the January RadCom.

Also on the 26th is another event in the Winter Microwaves Cumulative contest, between 0900 and 2100 UTC on all bands from 2.3 GHz up. The rules are in the November 1994 RadCom.

The RSGB VHF Contests Committee has received several requests for the inclusion of a 6 metre section in VHF National Field Day. The committee is willing to consider this, but only as an alternative to 4 metres, not as an addition. Changes could be made in time for the 1995 event if RSGB members express their views in writing before the end of February. Write to the Chairman, David Johnson G4DHF, at the address in the RSGB Call Book. Members' opinions will also be sought today at the RSGB VHF Convention.

And now the solar factual data:

The period from the 6th to the 12th of February saw solar activity at very low levels. There was a slight decline in sunspots and solar flux levels; geomagnetic levels were mostly quiet but did increase to active levels on the 8th. Sunspot numbers declined from 55 on the 6th to 24 on the 12th, and mean for the period was 39. Solar flux levels also declined slightly from 84 units on the 6th to 81 units by the 12th. The average for the period was 83 units. Only one weak solar flare took place during the period, that was a B1.1/SF on the 11th. The electron fluence declined every day and by the end of the period returned to moderate levels. The X-Ray flux increased slightly at the start of the period to peak at B1.5 units on the 9th and then declined to end the period at A4.3 units. The average for the period was A8.1 units. The 90 day solar flux average on the 12th was 83 units.

Geomagnetic activity was mostly quiet with levels as low as Ap 3 units on the 10th. The most disturbed day was the 8th with an Ap index of 29 units, the average for the period was Ap 13 units. The state has been

'nil, nothing to report' for the period, except for the 8th when it was 'mag alert'.

The aa indices as reported by the British Geological Survey for the period from the 31st of January to the 6th of February declined from unsettled levels of 44.5 nanoTeslas on the 31st to quiet levels with only 8.2 nanoTeslas on the 5th. The average for the period was 31.4 nanoTeslas, about K3. The monthly RI sunspot number for January was 23.8, with a maximum of 55 on the 21st and a minimum of 7 on the 7th. The smoothed monthly sunspot number for July 1994 was RI 28.5, +/-5.

I'll repeat the figures: Spots --39; Flux-- 83; Ap index - 13; X-Ray flux - -A8.1; January RI spots - 23.8.

Now the ionospheric data for Central France.

Following the problems reported last week we are glad to announce that the ionospheric data is available again. The F2 daytime critical frequencies, as reported by Meudon for the period from the 3rd to the 9th of February, averaged 7.1MHz with the 6th being by far the best day at 9.0MHz. The darkness hour lows increased from 1.9 MHz on the 3rd to 2.6 MHz by the 7th, with the average for the period at 2.2 MHz. Spread F was reported most early mornings and lasted 10 hours on the 6th. The daytime highs are taking place between 10.00 and 14.00 hours, with the darkness hour lows between 22.00 hours and 06.00 hours.

And lastly the solar forecast.

This week the more active side of the sun is expected to be rotating away, so solar activity could be at low levels. Solar flux is expected to decline throughout the period. Geomagnetic levels are expected to be mostly quiet for most of the week, but may increase to active levels next weekend due to a recurring coronal hole. Ionospheric MUFs in the south are expected to be about 20 MHz during daylight hours. The darkness hour lows may show a slight improvement as the nights start to shorten in the northern hemisphere and be up to 8 MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Sierra and G7 Uniform November series, and Novice calls in the 2 0 Alfa Juliet and 2 1 Delta Tango series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

2184. Re: Mods for the HTX-404?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 20:34:28 UTC
From: heller@mesa.k12.az.us
Message-ID: <3i318k$kd2@news.asu.edu>
Source record: 251975

In article <950216040016287@digcir.cts.com>, ej.johnson@digcir.cts.com (Ej Johnson) says:
>
>LE>When the HTX-404 first came on the market a couple of years ago, I
> >remember reading somewhere that either a mod or key sequence was
> >available to make it transmit below 440 mHz, probably to work the few
> >satelites that have a 430-band FM input.
>
>LE>Is this true? Or does it come with with 430 capabilty?
>
>LE>--Leigh/KM6JE.
> Yes this is true... a keyboard mod ,which is in the manual.
> 73'2 de N6oid
> EJ!
>
> * OLX 2.1 TD * listen to N6oid Radio 145.180 san Diego, Ca.
The mode for the HTX-404 is well described in the operating
manual that comes with the radio. If you ned another manual
You can order one through Radio Shack Comsumer Parts. I dont
know the exact price, but would guess about 10 bux!

73's Doug KE7NF

2185. HELP... RTTY and filters... PLEASE..

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 21:16:17 UTC
From: desaid@muvms6.wvnet.edu
Message-ID: <1995Feb17.171617.4863@muvms6>
Source record: 251976

Hello All:

I enjoy RTTY mode. I have kenwood TS450S radio, home brew interface and 486 computer. Sometimes I get lots of static. Sometimes interference from other stations. I would like to know what is best way to get better signal and avoid the static and interference. Which one is better, SSb filter to radio or cw filter to radio or DSP like Timewave DSP9, DSP9+ or DSP59+.

I would like to have your suggestions before I invest my money in these things.

Thank you very much for your time and suggestions.

73s
Dinakar KG8OE
desaid@marshall.edu

2186. Help with IC4AT Band modification - PLS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 22:40:42 UTC
From: ceham@w3eax.umd.edu
Message-ID: <3i38la$cn3@hecate.umd.edu>
Source record: 251829
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.homebrew,dc.ham-radio

Hi

I am looking for information and schematics on modifying
an ICOM 4AT that is in the upper UHF segment of the Band
(440.0 up) to the lower segment (436.0 ? - 439.99) There
were a few different chasis built for these bands,
and I would like to change the parts required and retune it
to cover 436 - 439.

I will pay for shipment and reasonable copy expenses.

If someone performes this types of modifications
for a living, I would also appreciate their
info, as I might consider paying someone to do this.

Thanks

Maurice
ceham@w3eax.umd.edu

2187. ARLP008 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 23:11:33 UTC
From: w1aw@arrl.org
Message-ID: <$arlp008.1995@ampr.org>
Source record: 251830
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP008
ARLP008 Propagation de KT7H

ZCZC AP76
QST de W1AW
Propagation Forecast Bulletin 8 ARLP008
From Tad Cook, KT7H
Seattle, WA February 17, 1995
To all radio amateurs

SB PROP ARL ARLP008
ARLP008 Propagation de KT7H

Recent 160 meter conditions top the news this week. K7SS reports that on January 29 during the CQ WW 160 meter contest, W7XR worked OH7MS on long path at 1428z. This was 80 minutes before local sunrise at W7XR, and signals were strongest on a beverage antenna to the west. K7SS thought that this was the first 160 meter long path contact to Europe from North America, but it now appears that N6SS beat this record by 20 minutes, when he worked OH7MS at 1408z. With W7XR and K7SS in Washington State, and N6SS in Arizona, N6SS worked OH7MS 6 minutes before local sunrise and W7XR worked him 80 minutes before his local sunrise. Congratulations to all.

Comments to the author of this bulletin can be sent via packet to KT7H N7DUO.WA.US or via internet to tadssc.com.

Solar flux last week was unchanged from the week prior. Conditions were unstable on the 11th through the 14th, with many periods of K indices at 5 or 6. The A index peaked at 33 on the 13th.

Solar flux should peak around 96 on the 19th, then head back to the mid eighties region. Active geomagnetic conditions due to recurring coronal holes are expected to begin again around February 26, and gradually increase through mid-March.

Sunspot Numbers for February 9 through 15 were 24, 38, 23, 24, 26, 36 and 36, with a mean of 29.6. 10.7 cm flux was 83.7, 81.5, 81.1, 81.1, 85.7, 82.4 and 84.9, with a mean of 82.9.

The path projection for this week is from Hawaii and Anchorage, Alaska to Macao.

From Anchorage, 80 meters looks good from 1045 to 1900z, and 40 meters from 0930 to 2030. 30 meters should be good around 1900 to 2000 and again from 2200 to 2300 and around 0800. Check 20 meters

from 2230 to 0230, and 17 meters from 2300 to 0300. 15 meters may be open on some days from 2300 to 0230.

From Hawaii, 80 meters looks like a good bet from 1030 to 1730z, and 40 meters from 0900 to 1830. 30 meters looks good from 0800 to 1930, and 20 meters from 2230 to 2330 and 0400 to 1430. Strongest 20 meter signals should be between 0900 and 1300. 17 meters should be open from 2230 to 0700, and 15 meters from 2300 to 0630. 10 and 12 meters look quite good over this path, with 10 meters open from 2330 to 0500, and 12 meters opening 30 minutes earlier and closing about an hour later.
NNNN
/EX

2188. IPS Daily Report - 17 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-17 23:30:26 UTC
From: rwc@ips.oz.au
Message-ID: <3i3bii$oqq@flare.syd.ips.oz.au>
Source record: 251831
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 17/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 17 FEBRUARY AND FORECAST FOR 18 FEBRUARY - 20 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none

Observed 10.7 cm flux/Equivalent Sunspot Number : 89/33

GOES satellite data for 16 Feb
Daily Proton Fluence >1 MeV: no data
Daily Proton Fluence >10 MeV: no data
Daily Electron Fluence >2 MeV: no data
X-ray background: no data
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
18 Feb 19 Feb 20 Feb
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 18 Feb: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 16 Feb
Learmonth 7 2222 2222
Fredericksburg 5 5
Planetary 6 7

Observed Kp for 16 Feb: 2222 2312
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
18 Feb 10 Quiet
19 Feb 10 Quiet
20 Feb 10 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

17 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
18 Feb normal normal normal
19 Feb normal normal normal
20 Feb normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
17 Feb 50 near predicted monthly values until 09UT, 15-30%
enhanced thereafter.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
18 Feb 40 15 to 20% above predicted monthly values
19 Feb 30 Near predicted monthly values
20 Feb 20 Near predicted monthly values
COMMENT: MUFs at Townsville and Hobart were near predicted monthly
values yesterday. Spread F was observed at Hobart at times during
local night.

--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

2189. Re: How long to get first license and callsign?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 00:07:10 UTC
From: jyelland@sc.hp.com
Message-ID: <3i3dne$4bo@hpscit.sc.hp.com>
Source record: 251832

Bart Jahnke (KB9NM) (bjahnke@arrl.org) wrote:
: David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
: : This past weekend my brother passed the exam for the no-code technician
: : class license. So my question is...how long will it take for him to get
: : his callsign? (I presume it will be an N3U?? callsign.)
: : One of the examiners said some people are getting them in about a week.
: : (I assume they're calling the FCC to confirm receipt of the 610.) Is this
: : true? If so, then can I assume the ARRL VEC is using electronic filing?
: : -Dave
My wife took her test on Superbowl Sunday '95 and had her license, in hand, the
following Saturday. I was very impressed! It had taken nearly 10 weeks for
my license to arrive only two years before. 73's Jey
--
Jey Yelland, Santa Clara CA (jyelland@hpamtyy.sc.hp.com)

2190. Chat from pc to Ham radio via code?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 02:59:42 UTC
From: danielm949@aol.com
Message-ID: <3i3nqu$ba9@newsbf02.news.aol.com>
Source record: 251835

My friend is an amatuer radio operator, I am a pc person. We were wondering if there is a frequency for ham operators that they can transmitt morse code on to a certain repeater. At the repeater it would then decode the morse code into a text format and be able to send it back out to a receiver on the Internet?

2191. Re: BAYCOM - current version???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 03:11:57 UTC
From: bat@gdstech.grumman.com
Message-ID: <1995Feb18.031157.20384@gdstech.grumman.com>
Source record: 251836

In article <950213182045173l2@kbsbbs.com> tom.alldread@kbsbbs.com (Tom Alldread) writes:
>
>Greetings All:
>
> Just wondering if anyone has the following BAYCOM information:
>
>1) What is the current MS-DOS version?
Ver 1.6 has been out for just a few months.
>2) An Internet FTP address it can be obtained from?
Baycom is commercial software, not shareware, and should never
appear in a public site.
>3) Any source(s) of bare PC boards and/or kits to build the modem from?
>
>73 de VE7TMA
>
>---
> * QMPro 1.53 * Very Best Regards, tom.alldread@kbsbbs.com

2192. Hello!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 03:44:15 UTC
From: dimprota@cix.compulink.co.uk
Message-ID: <D46Fpr.1o8@cix.compulink.co.uk>
Source record: 251846

This seems to me the only way now to communicate with Hams.

I am in Saudi Arabia and it appears there is no way to get a

licence....any ideas?

73s

Davide Improta

iK8AHG

P.O. Box 5694 Jeddah 21432 Saudi Arabia

2193. Re: VK2WI Weekly News, 5th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 08:19:08 UTC
From: terryd@extro.ucc.su.OZ.AU
Message-ID: <terryd.793095548@extro>
Source record: 251839
Cross-posted to: aus.radio,rec.radio.amateur.misc

richardm@zeta.org.au (Richard Murnane) writes:

>Not worth spending the price of a stamp you reckon? To borrow a line from
>a letter to the Sydney Morning Herald this week, if 4,000 woodchip
>workers can change Paul Keating's policy on woodchipping, why can't
>18,000 Amateurs have a similar effect?

>(Answer: because so many can't be bothered to get up off their backsides
>and write a letter of protest)

(Alternate Answer: Some amateurs AGREE with the new fee schedule)

>>Everything once possible over AR has now been replaced by the Internet.

>Send me email from a cave, from a hot-air baloon, or while in freefall from
>10,000 feet, and I'll maybe I'll give up AR too.

Not heard of wireless lan technology? Cellular mobile phone? Satellite Phone?

>I hope not every Amateur is so apathetic.

It isn't necessarily apathy, I know Graham to be not what I would consider
apathetic.

There comes a time where you have to judge the relative value of maintaining
and existing arrangement that doesn't work in exchange for the risk
associated with a completely new arrangement.

Amateur Radio adds very little value. For people that have a real desire
to experiment it is too difficult to rally the support needed to gather
the resources necessary to get decent experiments off the ground. The
commmercial companies are far far advanced on what the amateur communities
are doing, we aren't ahead of the race, we're falling behind, and further
and further every year.

Terry

--
--- Terry Dawson, terryd@extro.ucc.su.oz.au

2194. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 12:12:49 UTC
From: battin@cyclops.iucf.indiana.edu
Message-ID: <3i4o81$3aq@usenet.ucs.indiana.edu>
Source record: 251841

In article <phb.793030088@melpar>, Paul H. Bock (phb@syseng1.melpar.esys.com) wrote:

[snip, snip]

> I posted on this subject the other day, but here it is again right
> from the 1956 License Manual (well, not word for word, of course; that
> takes too much space):

> In 1956-57, when I got my Novice and later my Conditional, the rules
> were that:

> 1) Only the General & Extra Class exams were given by the FCC.

> 2) Anyone wanting a Novice or Technician class *had* to take it
> by mail.

I was led to believe (in the 60's when I was first licensed) that
there was one circumstance that could lead to getting a Tech license
via the FCC examiner: if you were being tested for General, and failed
to pass the code because you did not have 65 letters in a row right,
but _did_ have 25 in a row, the examiner could give you credit for the
5 wpm requirement for Tech. Then, you could take the written, and if you
passed, you would get a Tech license. I don't recall now if I read
this in an ARRL book, or was just told it by one of the old-timers, so
it may be nothing more than someone's flight of fancy...

--
Gene Battin, N9XAM, originally WN9WOT and WA9WOT - late 60's
battin@iucf.indiana.edu

2195. Re: How long to get first license and callsign?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 15:53:12 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D47DGo.4Dx@ranger.daytonoh.ncr.com>
Source record: 251843

>==========Mike Serafin, 2/15/95==========
>
>John Mood (aa100324@dasher.csd.scarolina.edu) wrote:
>: My wife's callsign too 16 weeks. They since have gotten a computer into
>: the act, and they are coming faster. I recently updated my address (I am
>: told that address changes take that same length of time, who knows...). I
>: got my change of address in about 4 weeks. I would say that a good guess
>: would be 4 to 8 weeks. Good luck!
>
>Nope, it's taking about a week to get on the air. At least that is the
latest
>experience around here. Call the FCC 800 number about a week after the test

>to
>see the the FCC has assigned a call yet. It probably takes 4 weeks or more
to
>receive the piece of paper, but the FCC now says you can begin operating once

>you're in their computer and you have your call.
>
>kc5grw

I got mine in three business days. Took the test last Saturday. The call was
issued Wenesday.

Greg Smith
AT&T Global Information Solutions
greg.n.smith@daytonoh.attgis.com

2196. Old Radio's

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 17:10:12 UTC
From: wwswinc@ibm.net
Message-ID: <3i59lk$2kv9@news-s01.ny.us.ibm.net>
Source record: 251844

There is a mailing list available for a discussion relating to old radios..

Send a message to listserv@ar-net.woodybbs.com

In the text put

SUB OLDRADIO <user-name>

2197. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 17:12:41 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEI.sony.COM
Message-ID: <9502181712.AA11456@mail1.sjc.in.sel.sony.com>
Source record: 251845

```
------- =_baaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_baaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_baaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA11454; Sat, 18 Feb 95 09:12:41 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793138821; Sat, 18 Feb 95 08:01:21 EST
Date: Sat, 18 Feb 95 08:01:21 EST
From: Info-Hams@ucsd.edu
Message-Id: <9501187931.AA793138821@ccmail.nhq.sony.com>
To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V95 #133

Info-Hams Digest Sat, 18 Feb 95 Volume 95 : Issue 133

Today's Topics:
ARLP008 Propagation de KT7H
Chat from pc to Ham radio via code?
Ham Web Pages?
Help with IC4AT Band modification - PLS
How long to get first license and callsign?
NOAA VHF Weather Stations question...
PRB-1 in So. Cal.
Queens University Belfast Radio Club is on WWW
Request: list of active nets
Returned mail: Service unavailable
The Legacy of the No-Code Tech License

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
```

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 17 Feb 1995 18:11:33 EST
From: w1aw@arrl.org
Subject: ARLP008 Propagation de KT7H

SB PROP @ ARL $ARLP008
ARLP008 Propagation de KT7H

ZCZC AP76
QST de W1AW
Propagation Forecast Bulletin 8 ARLP008
From Tad Cook, KT7H
Seattle, WA February 17, 1995
To all radio amateurs

SB PROP ARL ARLP008
ARLP008 Propagation de KT7H

Recent 160 meter conditions top the news this week. K7SS reports
that on January 29 during the CQ WW 160 meter contest, W7XR worked
OH7MS on long path at 1428z. This was 80 minutes before local
sunrise at W7XR, and signals were strongest on a beverage antenna to
the west. K7SS thought that this was the first 160 meter long path
contact to Europe from North America, but it now appears that N6SS
beat this record by 20 minutes, when he worked OH7MS at 1408z. With
W7XR and K7SS in Washington State, and N6SS in Arizona, N6SS worked
OH7MS 6 minutes before local sunrise and W7XR worked him 80 minutes
before his local sunrise. Congratulations to all.

Comments to the author of this bulletin can be sent via packet to
KT7H N7DUO.WA.US or via internet to tadssc.com.

Solar flux last week was unchanged from the week prior. Conditions
were unstable on the 11th through the 14th, with many periods of K
indices at 5 or 6. The A index peaked at 33 on the 13th.

Solar flux should peak around 96 on the 19th, then head back to the
mid eighties region. Active geomagnetic conditions due to recurring
coronal holes are expected to begin again around February 26, and
gradually increase through mid-March.

Sunspot Numbers for February 9 through 15 were 24, 38, 23, 24, 26,
36 and 36, with a mean of 29.6. 10.7 cm flux was 83.7, 81.5, 81.1,
81.1, 85.7, 82.4 and 84.9, with a mean of 82.9.

The path projection for this week is from Hawaii and Anchorage,
Alaska to Macao.

From Anchorage, 80 meters looks good from 1045 to 1900z, and 40
meters from 0930 to 2030. 30 meters should be good around 1900 to
2000 and again from 2200 to 2300 and around 0800. Check 20 meters
from 2230 to 0230, and 17 meters from 2300 to 0300. 15 meters may
be open on some days from 2300 to 0230.

From Hawaii, 80 meters looks like a good bet from 1030 to 1730z, and
40 meters from 0900 to 1830. 30 meters looks good from 0800 to
1930, and 20 meters from 2230 to 2330 and 0400 to 1430. Strongest
20 meter signals should be between 0900 and 1300. 17 meters should
be open from 2230 to 0700, and 15 meters from 2300 to 0630. 10 and
12 meters look quite good over this path, with 10 meters open from
2330 to 0500, and 12 meters opening 30 minutes earlier and closing
about an hour later.
NNNN
/EX

Date: 17 Feb 1995 21:59:42 -0500
From: danielm949@aol.com (DanielM949)
Subject: Chat from pc to Ham radio via code?

My friend is an amatuer radio operator, I am a pc person. We were
wondering if there is a frequency for ham operators that they can
transmitt morse code on to a certain repeater. At the repeater it would
then decode the morse code into a text format and be able to send it back
out to a receiver on the Internet?

Date: 17 Feb 1995 23:26:28 GMT
From: scotte@ccs.neu.edu (Scott Ehrlich)
Subject: Ham Web Pages?

In article <3hoocd$pum@nexus.polaris.net>,
Jeffrey M. Valley <valleyj@polaris.net> wrote:
>Good day to all. I'm in the process of making my own web page and I
>wonder if anyone has or can point me to some good WWW pages dealing with
>or containing topics on Amateur Radio? Mail would be great but, I'll
>check the group also. Thanks, in advance, for your time!
>
>
>73 de KE4AUT
>Jeffrey
>--
>Jeffrey M. Valley
>valleyj@romulus.housing.fsu.edu
>valleyj@polaris.net
>

Please check out:

http://www.acs.oakland.edu/barc.html Boston Amateur Radio Club

http://www.acs.oakland.edu/barc/arrl.html American Radio Relay League

73,

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

Date: 17 Feb 1995 22:40:42 GMT
From: ceham@w3eax.umd.edu (Maurice De Vidts NE3S)
Subject: Help with IC4AT Band modification - PLS

Hi

I am looking for information and schematics on modifying
an ICOM 4AT that is in the upper UHF segment of the Band
(440.0 up) to the lower segment (436.0 ? - 439.99) There
were a few different chasis built for these bands,
and I would like to change the parts required and retune it
to cover 436 - 439.

I will pay for shipment and reasonable copy expenses.

If someone performes this types of modifications
for a living, I would also appreciate their
info, as I might consider paying someone to do this.

Thanks

Maurice
ceham@w3eax.umd.edu

Date: Fri, 17 Feb 1995 13:57:15 GMT
From: bjahnke@arrl.org (Bart Jahnke (KB9NM))
Subject: How long to get first license and callsign?

David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
: This past weekend my brother passed the exam for the no-code technician
: class license. So my question is...how long will it take for him to get
: his callsign? (I presume it will be an N3U?? callsign.)

: One of the examiners said some people are getting them in about a week.
: (I assume they're calling the FCC to confirm receipt of the 610.) Is this
: true? If so, then can I assume the ARRL VEC is using electronic filing?

: -Dave
: --

: David Drumheller, KA3QBQ phone: (202) 767-3524
: Acoustics Division, Code 7140 fax: (202) 404-7732
: Naval Research Laboratory
: Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

Dave:

Although you didn't mention where your brother tested or what the date was,
I took a stab at it and found that he tested at the ARRL/VEC examination in
Frederick MD on 2/11/95.

Michael's Form 610 application was received here at the ARRL/VEC on 2/15, it
was processed and the data was forwarded to the FCC yesterday, 2/16.

According to FCC this morning (800-322-1117), Michael's Technician license
was granted today (2/17) with a call sign of N3UMY.

Please convey our congratulations to him!

73,

--Bart J. Jahnke, KB9NM
Manager
ARRL/VEC

vec@arrl.org

Date: 17 Feb 95 19:57:12 -0600
From: conklic9391@cobra.uni.edu (CHRIS CONKLIN (N0PAV))
Subject: NOAA VHF Weather Stations question...

In article <3i2hmu$g0j@rs10.tcs.tulane.edu>, gbelton@rs5.tcs.tulane.edu (Gerald A Belton)
writes:
> Doc Elliott (helliott@losat.redstone.army.mil) wrote:
> : The NWS operates continuous broadcast stations on three frequencies at
> : 162.4, 162.55, and 162.475 MHz (I may be slightly off on the freqs). My
> : question is this - one can buy a little receiver for these broadcasts at
> : Radio Shack and elsewhere, and they have some kind of alerting
> : capability. Apparently, the little buggers respond to some kind of a
> : DTSS code or CTCSS subaudible transmitted by the NWS station whenever
> : they issue a weather bulletin. Does anybody know how this alerting
> : operates? I have my 2m receiver set to pick up the local NWS freq, but I

The standard is 1020 or 1050hz (what's the difference!) for about 8 seconds. I
know people have built decoders for this- proably 73, Ham Radio Magazine, or
QST has had articles on construction- but I forget when/where.

Date: 17 Feb 1995 15:32:44 -0800
From: turner@safety.ics.uci.edu (Clark Savage Turner)
Subject: PRB-1 in So. Cal.

In <3hvobd$24ct@news-s01.ny.us.ibm.net> rogsc@ibm.net writes:

>Anyone know of any pending PRB-1 actions in Southern California?

PRB-1 means very little here.

In my best recollection, the local Appellate Court made PRB-1 actions
very weak here in our Circuit....it was a case of maybe 5 years
ago and the Court seemed to say that Federal law (PRB-1) didn't
really require a municipality to allow a tower of any type. That
was the tone of the decision. The actual rule of the case did
not seem to completely dictate a local Federal Court taking that stance
though. (My optimism showing through.)

I can get the name of the case and give a synopsis if you like.

Clark
.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.
Admitted to practice law in California, Massachusetts, and New York.
ARRL Volunteer Counsel

Date: Fri, 17 Feb 1995 08:29:34 GMT
From: jmagee@bfsec.bt.co.uk (Jonathan Magee)
Subject: Queens University Belfast Radio Club is on WWW

This is just a message to tell you that the Queen's University of Belfast
Radio Club (GI3LLQ/GI8FQB) has now got a WWW page. Its address is
http://www.qub.ac.uk/radio/

It still has a lot of work to be done to it,but feel free to have a look.

73 de Jonathan Gi7KMC
u9229728@qub.ac.uk

Date: Sat, 18 Feb 1995 01:02:34 GMT
From: dave.des@metronet.com (David de Schweinitz)
Subject: Request: list of active nets

I tried to post this a week or so ago, but I don't think that it made it
(sorry if it did and this is a repeat).

I'm looking for a list of active HF nets by subject matter. Is there a
list that is updated periodically?

TNX! Dave

Date: 18 Feb 95 14:09:47 GMT
From: MAILER-DAEMON@mail1.sjc.IN.SEl.sony.COM (Mail Delivery Subsystem)
Subject: Returned mail: Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA09850; Sat, 18 Feb 95 06:09:47 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793127846; Sat, 18 Feb 95 04:30:12 EST
Date: Sat, 18 Feb 95 04:30:12 EST
From: Info-Hams@UCSD.EDU
Message-Id: <9501187931.AA793127846@ccmail.nhq.sony.com>
To: Info-Hams@UCSD.EDU
Subject: Info-Hams Digest V95 #132

Info-Hams Digest Sat, 18 Feb 95 Volume 95 : Issue 132

Today's Topics:
GB2RS News 19th February 1995
Where can I find latest version of Geoclock??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 17 Feb 1995 19:17:53 +0000
From: dave@llondel.demon.co.uk (David Hough)
Subject: GB2RS News 19th February 1995

Good morning. It's Sunday the 19th of February and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

This week marks an important anniversary in the world of radio. It was on the 23rd of February 1895 that Guglielmo Marconi in Italy successfully transmitted for the first time. A new beacon marking the centenary of his tests and using the callsign I1M is now transmitting on 21.151 MHz. After moving to England, Marconi used a site at Alum Bay on the Isle of Wight for the first transmissions to a ship at sea. The West Wight Radio Society has recently obtained a permanent special event callsign, GB2GMM, for a station located at this site.

Thinking Day on the Air, when Guides throughout the world are able to communicate using amateur radio, started yesterday, Saturday the 18th and continues today. Well over two hundred UK stations are operational using the GB prefix, as well as many using the special club prefixes.

The RSGB Repeater Management Group is looking for an editor for their occasional newsletter, Repeater Report, which is sent to all UK repeater groups. Applications should be sent to the Repeater Management Group Chairman, Geoff Dover, G4AFJ, whose address is correct in the latest RSGB Callbook.

A GB2CW RSGB Morse practice transmission is available each week in the Huntingdon area. The sender is G4LHI who will operate at 7.00 pm local time each Tuesday on 145.225 MHz using FM.

The RSGB Liaison Officer for the Shetlands is Robert Miles, GM4CAQ, whose address is correct in the current RSGB Call Book. RLOs hold a wide range of information and are available to advise RSGB members.

The Kuwait National and Liberation Days are on the 25th and 26th February, and Kuwaiti stations may add the suffix stroke NLD after their callsigns from 0001 UTC on 25th February until the end of the month. The Kuwait Amateur Radio Society is offering an award to amateurs who contact three Kuwaiti stations during this period. The K.A.R.S. club station, 9K2RA/NLD, will be active and counts as two contacts. The award is also available on a heard basis for SWLs.

Now some other items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Antigua, Ratko, YU1NR will sign V29NR from Thursday the 23rd of February until the 3rd of March. Activity will be on all bands, SSB only. Check these frequencies:- 1.845, 3.795, 7.095, 14.193, 21.295 and 28.595MHz. There may also be activity on the WARC bands.

From Namibia, DL7UTR and DL7UUO will sign V5/own calls from around Friday the 24th February until the 19th of March. Activity will be on

all bands using high power to vertical and wire antennas.

And from the Comoros - D68 - Marcel, ON4QM, will be active from around the 20th February for two months on all bands 40 to 10 metres, SSB only.

Next the Rally News:

The RSGB VHF Convention takes place today, Sunday the 19th, at the usual venue, Sandown Exhibition Centre, near Esher in Surrey. Featured are trade stands, a full lecture programme on VHF, UHF and Microwave subjects, specialist groups, Morse tests, trophy presentations and an RSGB book and information stand. Doors open at 10.30 am. Refreshments are available and there is ample car parking. Talk-in is by GB2VHF on channels S22 and SU22. Full details of the lecture programme and a map can be found in the February edition of Radio Communication.

Next Saturday, the 25th of February, the Tyneside Amateur Radio Society rally will take place at the Temple Park Centre, John Reid Road, South Shields. The doors open at 11.00 am, with disabled visitors being admitted from 10.30 am. All the usual traders will be there, as will an RSGB book stand. Morse tests will be held on request, but don't forget to take two passport-size photographs along if you wish to take your test at the rally. There will be a talk-in station on S22 from 8.00 am and there is ample car parking, with special arrangements for disabled drivers. Further information is available from Stuart, G0BSV, on 0191 281 0999.

Also on Saturday the 25th February, the Rainham Radio Rally will be held at Rainham School for Girls, Derwent Way, Rainham, Gillingham, in Kent. Doors open at 10.00 am, or 9.30 am for disabled visitors. Further information from Martin, G7JBO, on 01634 365980.

On Sunday the 26th February, the Barry Mobile Rally will take place at the Barry Leisure Centre, off Holton Road, Barry. Doors open at 10.30 am. Enquiries to Margaret, GW4GSH, on 01446 738756.

Also on Sunday the 26th, the Taw and Torridge Rally will take place at Bideford Hall, The Pill, adjacent to Victoria Park, Bideford, North Devon. Doors open at 10.30 am. For further details, please contact Mike, G3PGA, on 01271 860930.

On Saturday the 4th of March, the Aberystwyth and District Amateur Radio Society will be holding their rally at Aberaeron School, Aberaeron, in Dyfed. Details may be obtained from Katy, GW0SFO on 01545 580675.

Finally, the Mid Cheshire Amateur Radio Society has informed us that they have had to cancel their rally, which was planned for Bank Holiday Monday, the 8th of May.

Now for the HF contest news:

The ARRL DX CW Contest is taking place until 2359 UTC tonight on all HF bands, excluding the WARC bands. Contact only USA and Canadian stations and send RST followed by your power.

Next weekend, Saturday the 25th of February and Sunday the 26th, the RSGB 7MHz CW contest takes place. The contest starts at 1500 UTC on the Saturday and ends at 0900 on the Sunday morning. Send RST, a serial number, and your County Code. The full rules were published in the November 1994 RadCom and the county codes are in the January edition.

Other contests taking place next weekend include the CQ World Wide 160-metre SSB contest, which starts at 2200 UTC on the Friday evening, 24th of February, and the REF French SSB and Belgian UBA CW contest, both of which take place on Saturday and Sunday. Brief rules for all these contests have been published in recent issues of RadCom.

Next some VHF contest news:

Next Sunday, the 26th, sees another event in the 70MHz Cumulative Contest which takes place between 1000 and 1200 UTC. The rules can be found in the January RadCom.

Also on the 26th is another event in the Winter Microwaves Cumulative contest, between 0900 and 2100 UTC on all bands from 2.3 GHz up. The rules are in the November 1994 RadCom.

The RSGB VHF Contests Committee has received several requests for the inclusion of a 6 metre section in VHF National Field Day. The committee is willing to consider this, but only as an alternative to 4 metres, not as an addition. Changes could be made in time for the 1995 event if RSGB members express their views in writing before the end of February. Write to the Chairman, David Johnson G4DHF, at the address in the RSGB Call Book. Members' opinions will also be sought today at the RSGB VHF Convention.

And now the solar factual data:

The period from the 6th to the 12th of February saw solar activity at very low levels. There was a slight decline in sunspots and solar flux levels; geomagnetic levels were mostly quiet but did increase to active levels on the 8th. Sunspot numbers declined from 55 on the 6th to 24 on the 12th, and mean for the period was 39. Solar flux levels also declined slightly from 84 units on the 6th to 81 units by the 12th. The average for the period was 83 units. Only one weak solar flare took place during the period, that was a B1.1/SF on the 11th. The electron fluence declined every day and by the end of the period returned to moderate levels. The X-Ray flux increased slightly at the start of the period to peak at B1.5 units on the 9th and then declined to end the period at A4.3 units. The average for the period was A8.1 units. The 90 day solar flux average on the 12th was 83 units.

Geomagnetic activity was mostly quiet with levels as low as Ap 3 units on the 10th. The most disturbed day was the 8th with an Ap index of 29 units, the average for the period was Ap 13 units. The state has been 'nil, nothing to report' for the period, except for the 8th when it was 'mag alert'.

The aa indices as reported by the British Geological Survey for the period from the 31st of January to the 6th of February declined from unsettled levels of 44.5 nanoTeslas on the 31st to quiet levels with only 8.2 nanoTeslas on the 5th. The average for the period was 31.4 nanoTeslas, about K3. The monthly RI sunspot number for January was 23.8, with a maximum of 55 on the 21st and a minimum of 7 on the 7th. The smoothed monthly sunspot number for July 1994 was RI 28.5, +/-5.

I'll repeat the figures: Spots --39; Flux-- 83; Ap index - 13; X-Ray flux - -A8.1; January RI spots - 23.8.

Now the ionospheric data for Central France.

Following the problems reported last week we are glad to announce that the ionospheric data is available again. The F2 daytime critical frequencies, as reported by Meudon for the period from the 3rd to the 9th of February, averaged 7.1MHz with the 6th being by far the best day at 9.0MHz. The darkness hour lows increased from 1.9 MHz on the 3rd to 2.6 MHz by the 7th, with the average for the period at 2.2 MHz. Spread F was reported most early mornings and lasted 10 hours on the 6th. The daytime highs are taking place between 10.00 and 14.00 hours, with the darkness hour lows between 22.00 hours and 06.00 hours.

And lastly the solar forecast.

This week the more active side of the sun is expected to be rotating away, so solar activity could be at low levels. Solar flux is expected to decline throughout the period. Geomagnetic levels are expected to be mostly quiet for most of the week, but may increase to active levels next weekend due to a recurring coronal hole. Ionospheric MUFs in the south are expected to be about 20 MHz during daylight hours. The darkness hour lows may show a slight improvement as the nights start to shorten in the northern hemisphere and be up to 8 MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Sierra and G7 Uniform November series, and Novice calls in the 2 0 Alfa Juliet and 2 1 Delta Tango series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

Date: 16 Feb 1995 23:24:19 -0500
From: jimn2ete@aol.com (JimN2ETE)
Subject: Where can I find latest version of Geoclock??

Call the GROVE BBS (the dudes that put out MONITORING TIMES) @ 704-837-9200, set up your account with Bill and the file is in there. I

think he also has the new maps that go with it. That program makes great wallpaper!!

Jim N2ETE

End of Info-Hams Digest V95 #132
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------- =_aaaaaaaaaa--

Date: Fri, 17 Feb 1995 14:08:08 GMT
From: phb@syseng1.melpar.esys.com (Paul H. Bock)
Subject: The Legacy of the No-Code Tech License

drumhell@claudette.nrl.navy.mil (David Drumheller) writes:

>In article <3hvuhs$a4h@newshost.lanl.gov> jdevenport@lanl.gov (Jim
>Devenport) writes:
>>
>> [some stuff deleted]
>>
>> As I recall only ONE (1) ham was required to administer the
>> Conditional exam so the possibilities for fraudulence were
>> quite high. Thus, I believe the present VE system is much better
>> in avoiding unqualified licensees.... Extra Class licensees who don't

I posted on this subject the other day, but here it is again right from the 1956 License Manual (well, not word for word, of course; that takes too much space):

In 1956-57, when I got my Novice and later my Conditional, the rules were that:

1) Only the General & Extra Class exams were given by the FCC.

2) Anyone wanting a Novice or Technician class *had* to take it by mail.

3) Those wishing to have General Class privileges who lived more than 75 miles airline from the nearest FCC examining point could apply for a Conditional Class license and take it by mail.

4) The code test for a Novice, Technician, or Conditional had to be administered by someone holding a General, Advanced (many oldtimers still held them even though new ones were not being issued then), or Extra Class license. Only *one* code examiner was required, and there was no age limit; i.e., a 12-year old with a General Class could give the code test.

5) The written exam had to be proctored by *one* person over 21 years of age. That person *did not* have to hold a valid ham

license of any kind.

EXAMPLE: W4BXI, age 16, gave me my Novice code test (I was 15); my
high school principal proctored the Novice written exam.
When I took my Conditional exam, W4FJ gave both the code
and written since he held an Advanced and was *way* over 21!

Obviously, the VE system is *far* superior since it requires extensive
collusion among several individuals to cheat the system - not that it
hasn't happened, mind you, but the odds are much higher against it then in
the old days. If the truth were ever known, I'll bet that there was a lot
more "coaching" during written tests given by mail, not to mention code
tests that were sent by hand on an oscillator and were closer to 10 wpm than
13, than a lot of hams in my generation would care to admit.

In fact, to be frank, I see little difference between a VE-administered
exam and an FCC-administered one. You're in a controlled environment,
you're not allowed to cheat, and the results are cut-and-dried: you either
pass or you fail. Having taken exams at the FCC office in years gone by
(Generl, Advanced, 1st Class Radiotelephone) it seems to be that the only
thing missing is the "intimidation" factor of being in the FCC office,
although I always found the examiners to be courteous but businesslike,
and certainly not nasty, intimidating ogres.

73 DE K4MSG

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```

(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

Date: Fri, 17 Feb 1995 14:20:27 GMT
From: ehare@arrl.org (Ed Hare (KA1CV))

References<1995Feb7.123653.23764@arrl.org> <1995Feb13.151943@merlin.ecid.cig.mot.com>,
<Tony_Pelliccio-130295181438@tonto-slip15.cis.brown.edu>
Subject: Re: The Legacy of the No-Code Tech License

Tony Pelliccio (Tony_Pelliccio@brown.edu) wrote:

> In article <1995Feb7.123653.23764@arrl.org>, ehare@arrl.org
> (Ed Hare (KA1CV)) writes:

> I would enjoy USENET even more than I do if all of the inflammatory comments
> about different classes of people were lost in the bit bucket. If this is
> an opportunity to vote, I vote in the affirmative!!!

: So in essence what Ed is saying is that he doesn't mind discussion, so long
: as there are no dissenting opinions?

I looked and looked and just didn't see that anywhere in my choice of words. To recast and expand on my statement a bit, I don't mind discussion and I welcome dissenting opinions; the most valuable things I have learned in my life were usually prefaced by "I disagree with you, Ed..."

I just don't like the insults heaped on entire groups of people, for any reason. They do little to help foster belief in the "dissenting opinion" one is offering for discussion, they do little to help sway opinion and they usually sidetrack meaningful discussion into a bout of counter insults and name calling that most people avoid with their kill file.

73, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

End of Info-Hams Digest V95 #133
****

------- =_baaaaaaaaa--

2198. AOR AR3000 computer interface

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 18:27:25 UTC
From: Roberto Salama <rs@tudor.com>
Message-ID: <D47KLq.IBJ@tudor.com>
Source record: 251861

Does someone know if there is a more comprehensive list of commands
for controlling the ar3000 through a RS232 connection? For example,
you can set the frequency step increment, but there in no command
for telling it to start scanning. Also, the program that AOR sells for
a PC seems to record .wav files, and since the hardware requirements
call for only one com port, the ar3000 must be sending audio through
the RS232 connection.

Any help/pointers would be appreciated, as I am trying to write a
SUN/Motif based interface for the ar3000.

rs

2199. Cost of Call License Plates?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 18:36:59 UTC
From: ad283@rgfn.epcc.edu
Message-ID: <1995Feb18.183659.14275@rgfn.epcc.edu>
Source record: 251857

Does anyone know how much more plates with your call number are in Texas?

Thanks,
--
David Greiner * It's My Life, And I'll Do What I want. *
ad283@rgfn.epcc.edu * It's My Mind, And I'll Think What I want. *
* *
________It's My Life -The Animals-_________

2200. Re: BNC what is stands for...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 18:47:18 UTC
From: terrific@cadvision.com
Message-ID: <3i5fbm$4n2@huey.cadvision.com>
Source record: 251856

> steuer@eden.rutgers.edu (Team OS/2'er) writes:
> if I remember right, BNC stands for British Naval Connector, but if anyone has the file that describes
>this, if you could mail it to me I would really appreciate it! Thanks!

I thought it stood for Bayonet Connector!

73, Dave W

"If you talk to God, you are praying; if God talks to you,
you have schizophrenia." - Thomas Szasz

2201. Amatuer Radio Slow Scan TV

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 19:01:08 UTC
From: rlehman@gate.net
Message-ID: <3i5g5k$1l2e@tequesta.gate.net>
Source record: 251855

Announcing homepage for WB4EJC specializing in Slow Scan TV and other images. the URL is:

http://www.gate.net/~rlehman/

Email with comments and questions to rlehman@gate.net

2202. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 19:40:38 UTC
From: dianett@ibm.net
Message-ID: <3i5ifm$1hre@news-s01.ny.us.ibm.net>
Source record: 251862

In <gene.47.00091FD0@mcs.com>, gene@mcs.com (Gene Maletta) writes:
>Im so glad their is No Code Hams... I hope this will live for ever...
> Just my opinion.

How about a new, "no test" license. How about anyone who has the money just buy a rig and cause mayhem on all of the bands.

In fact, the heck with rules of anykind, lets have a free for all.

Give me a break, really. Go back to CB where you belong.

Just MY opinion.

2203. Re: BAYCOM - current version???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 19:40:57 UTC
From: tja@netcom.com
Message-ID: <tjaD47o09.Hn9@netcom.com>
Source record: 251863

Tom Alldread (tom.alldread@kbsbbs.com) wrote:

-> Greetings All:

-> 1) What is the current MS-DOS version? it is 1.50

-> 2) An Internet FTP address it can be obtained from?

I have it in my FTP area...

URL=ftp://ftp.netcom.com/pub/tj/tja/baycom15.zip
Tom
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

2204. Re: AD370 Active Antenna Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 19:53:06 UTC
From: R.RADERMACHER@rrader.dinoco.de
Message-ID: <vRl4yMD2E9aLz3@r.radermacher.rrader.dinoco.de>
Source record: 251847

On 12.02.1995 you wrote
Re: "AD370 Active Antenna Question"

DL> Has anyone every used the AD370 active antenna sold thru EEB. I live in
DL> an apartment so am stuck with various makeshift small antenna solutions.
DL> I heard this was one of the best - is it? Thanks in advance.

Hello David,

I, for one, have been using a AD370, for the last six years in combination with various receivers, i.e. a Kenwood R5000, R820, TS440 (RX only) and now a EKD 315, a professional RX made by RFT of former East Berlin.

In my opinion, this is still the best active antenna available at this price. I have also been using a Rohde & Schwarz HE 011 since last June and although this one is in the 400 quid range, it is certainly not as much better as it is expensive.

If you are using the antenna inside your flat (only to be recommended if REALLY all else fails), you may as well buy the AD 270, which is electrically identical but not weatherproof and a few pounds cheaper.

To give you an idea of its performance, I have mainly used it for Utility DX with HF fax being one of my favourites. Stations like Darwin Meteo, Halifax, Buenos Aires, Tokyo and the like are no problem. If they're there and the condx let them get through, I hear them.

The only slight problem I am having with it is a wee bit of intermod caused by two nearby VHF transmitters, one being the local police and the other one a local FM broadcast station. The difference in freq of these two stations happens to be 14.1 MHz, and every time the coppers key their TX, I get wideband FM noise on 20 meters. But given that both transmitters are a mere 1/2 mile away and the antenna literally sees them, I don't consider this a real weakness of the aerial.

Oh, and one more thing: I had a lot of computer noise, in the beginning. A thin layer of sheet copper inside the preamp unit which has a plastic box cured this to the extent of making it almost inaudible.

Hope this helps. I you have any further questions you'll know to find me.

73,
Ralf

P.S.: I seem to be having an odd problem with my system and I suspect that my PMs are getting through but my normal messages never make it into the newsgroups. It would be most kind if all of you could keep a lookout and report by a short PM when someone has spotted this same message within

radio/amateur/misc.
Thank you.

Ralf R. Radermacher - DL9KCG
Koeln/Cologne, Germany
-- MicroDot 1.6

2205. Re: Sick Kenwood TS-440s-at (HELP)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 20:26:59 UTC
From: cjds@ix.netcom.com
Message-ID: <3i5l6j$8qn@ixnews3.ix.netcom.com>
Source record: 251865

In <3hr6h3$14pj@bubba.ucc.okstate.edu> gcouger@jsun.okstate.edu (Gordon Couger) writes:

>
>In article <1995Feb13.184356.7364@news.wrc.xerox.com>,
>RobertChristiansen <robert.npsc@xci.xerox.com> wrote:
>>Help kenwood TS-440
>>I have a sick kenwood TS-440s at.
>>the problem it has is this .
>>when I power on the radio the display stays blank for about 30 seconds.
>>and there is no receive audio.
>>the interesting this is if I leave the radio power switch on and turn on the power supply
>>the display lights up and there is receive audio.
>>
Or, it could be your power supply is going into overcurrent crowbar when the radio is turned on AFTER the PS, while turning the PS on while the radio is on allows you to get past the crobar phase. Sounds pretty wierd, but your supply may not like the initial surge, treating it as overcurrent.

The other postings also have very good info on possible problems. All the help you need!

73,
Bill Horger, KC0IO

2206. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 23:15:13 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D47xxE.ME2@zeno.fit.edu>
Source record: 251848

In article <gene.53.00049DF5@mcs.com>, Gene Maletta <gene@mcs.com> wrote:
(100% duplicate stuff removed..)
and then he added:

>Long live No-Code

but forgot: <woof><woof><woof><woof>
and the fist-in-the-air hand motion...

"That was Pointless" - Slappy Squirrel.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2207. *Seeking suggestions for

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-18 23:19:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950218220305466@digcir.cts.com>
Source record: 251849

SP>I have begun looking for my first rig. I have a no-code license. I am
>trying to decide between a 2m HT and a mobile 2m to be used in my apartment.
>I am interested in suggestions on HT vs the mobile. I am also interested in
>specific brand and model reccommendations. I do not have a lot of money to
>spend.

SP>Thanks,

SP>Allan N3TCM
go with the ht if thats all you can afford! I used an ht for ten years
until I broke down and bought a mobile unit, if you can you would do
well to get a duel bander 2m/440 any brand is ok, if you decide to get
a 2m ht only to start, your would be sorry if you didn't check out rs's
htx202 good radio very inexpencive
73 de n6oid
EJ!

* OLX 2.1 TD * Elvis is dead,and I don't feel so good myself!

2208. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 00:26:03 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4817G.21s@zeno.fit.edu>
Source record: 251850

In article <3i5n96$m2u@newsbf02.news.aol.com>,
Douglas213 <douglas213@aol.com> wrote:
>Us Xer's don't need no stupid code. The sooner you oldtimers die and turn
>to dust, the sooner we can run the bands the way they should be ran! Gen.
>X Rules!

I think my IQ went down a point when i read this...

Why do i think Duggie213 dere thinks milk comes from a supermarket and
that there's no connection between the light switch and the ceiling lamps.
Nobody's holding you back - your bonds are of your own creation.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2209. Alinco 1200T 2m 25w for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 00:38:40 UTC
From: random@plato.simons-rock.edu
Message-ID: <D481sG.MoI@plato.simons-rock.edu>
Source record: 251851
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,misc.forsale.non-computer

For sale:
Alinco 1200T 2m 25w. With power supply and 1/4 2m groundplane and
microphone.

Daniel Drucker

--
M PGP 2.6 ID C0AE9429 from keyservers or mail me with subject "send pgp key"

2210. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 00:56:41 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D482MI.MFr@news.hawaii.edu>
Source record: 251870

In article <D46BGH.1BB@vectorbd.com> rkm@vectorbd.com writes:
>fisherb@ccsnet.com wrote:
>
>: JA>"1935 will go down in history. For the first time, a civilized nation has
>: JA>full gun registration. Our streets will be safer, our police more efficient,
>: JA>and the world will follow our lead into the future." - Adolf Hitler
>
>: The real filth is comparing Hitler's world to the world where gun
>: control is really needed.
>
> Which world is that, exactly? The one where people cower in their
>homes, legally unable to protect themselves and their families? Not a
>place I'd want to live, certainly.

In which democracy is this occuring?

2211. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 01:33:52 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEl.sony.COM
Message-ID: <9502190133.AA16122@mail1.sjc.in.sel.sony.com>
Source record: 251853

```
------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA16120; Sat, 18 Feb 95 17:33:52 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793168897; Sat, 18 Feb 95 16:01:19 EST
Date: Sat, 18 Feb 95 16:01:19 EST
From: Info-Hams@UCSD.EDU
Message-Id: <9501187931.AA793168897@ccmail.nhq.sony.com>
To: Info-Hams@UCSD.EDU
Subject: Info-Hams Digest V95 #134

Info-Hams Digest Sat, 18 Feb 95 Volume 95 : Issue 134

Today's Topics:
AM vs. FM -> Aircraft?
Anti-Ham bias in News
ARRL E-MAIL ADDRESS 1/2
ARRL E-MAIL ADDRESS 2/2
BAYCOM - current version???
CW and Web Site ?'s
HELP... RTTY and filters... PLEASE..
How long to get first license and callsign?
IOTA
IOTA EU-006 INISHMAN
Mods for the HTX-404?
NOAA VHF Weather Stations question...
No Code Rules!
```

Your filth
Your Filth and Elmer's List

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 16 Feb 1995 17:36:27 GMT
From: stevem@zimmer.CSUFresno.EDU (Steve Mitchell)
Subject: AM vs. FM -> Aircraft?

Recently I've talked to a couple of pilots as to why the aircraft bands
are all AM. They said that it's just tradition. I thought that the AM
could be received over longer distances than FM, and that that was the
reason.

Can anybody here confirm or deny this?

Thanks.

--steve
--
Steve Mitchell KD6BET TIP#168 steve_mitchell@csufresno.edu
"Everything in this message may be wrong." / "Make love, not Perl code."
"There's a fine line between participation and mockery" -- Dilbert
http://warpig.cati.csufresno.edu/steve.html

Date: Sat, 18 Feb 95 07:52:23 EST
From: fisherb@ccsnet.com
Subject: Anti-Ham bias in News

DT>In the California quake (most recent one) the Internet lines were generally
DT>still up. Perhaps hams should look upon this as an opportunity, and use the
DT>net, where still up, as a medium for Heath and Welfare traffic. VHF and UHF
DT>radio for tactical use in the affected area is quite helpful. Long haul

Hams are irrevelent to disasters. Technology has left the fat ham behind
(all puns intended).

De K1OIK at KQ1K.MA...Burt...Cape Cod...Home of the Conscience of the
Ham Conference. QRZ God Bless? HI HI HI HI HI HI HI HI HI HI HI HI

~ SLMR 2.1a ~ If you think education is expensive, try ignorance!

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

Date: Sat, 18 Feb 95 07:52:24 EST
From: fisherb@ccsnet.com
Subject: ARRL E-MAIL ADDRESS 1/2

S9>Can anyone tell me if the ARRL has an e-mail address, and if they do, what i
S9>is? Please respond directly, as my nnr reader is unreliable and I'm not alwa
S9>able to read this group every day. Thanks.

S9>Bill Johnson
S9><s965544@umslvma.umsl.edu>

From: jbloom@arrl.org (Jon Bloom)
Newsgroups rec.radio.amateur.misc
Subject: ARRL HQ email list
Summary: How to contact ARRL HQ (repost with fixed news feed)
Date: 18 Jan 93 09:59:37

Organization: American Radio Relay League

The following ARRL HQ staffers AND ONLY THESE STAFFERS can be
contacted directly via the net at the addresses shown. I've also
included a brief mention, where appropriate, of some of the specific
duties of the staff member so that you'll know who to contact.

Staff member, call, title address

-- ---------------
Al Brogdon, K3KMO, QST Managing Editor abrogdon@arrl.org
Brian Battles, WS1O, Features Editor bbattles@arrl.org
(Strays, New Products, Feature articles)

Jon Bloom, KE3Z, Senior Engineer (arrl.org jbloom@arrl.org
postmaster, QEX editor)
Bob Boucher, Purchasing Manager rboucher@arrl.org
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Assistant to the Chief Financial Officer
(ARRL Foundation;scholarships;
endowments, bequests and donations)
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the Executive Vice President
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Information Specialist (Regulatory
questions, "WashingtonMailbox" column,
FCC Rule Book)
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Luck Hurder, KY1T,Field Services Dept. lhurder@arrl.org
Deputy Manager(Clubs; Field
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Chuck Hutchinson, K8CH, Membership chutch@arrl.org
ServicesManager (Contests; awards;
DXCC etc.)

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Manager, Educational Activities

Bart Jahnke, KB9NM, VolunteerExaminer bjahnke@arrl.org
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Michael Tracy, KC1SX, Technical Information mtracy@arrl.org
Services Coordinator
Lori (Maty) Weinberg, Assistant to the lweinber@arrl.org
PublicationsManager (QEX editorial
assistant)
Rosalie White, WA1STO, Educational rwhite@arrl.org
ActivitiesDepartment Manager (info on
becoming a ham/training/SAREX)
Perry Williams, W1UED, Washington Area 2242662@mcimail.com
Coordinator (National Legislation and
Regulatory Affairs)
Mark Wilson, AA2Z, QST Editor mwilson@arrl.org
Larry Wolfgang, WR1B, Senior Assistant lwolfgan@arrl.org
Technical Editor (Beginner's books,
license manuals)
Tammy-Beth Zimmerman, KA1WWP, Membership tzimmer@arrl.org
Services Administrative Assistant (DXCC,
awards, QSL buro)
In addition to these specific people, we've also set up the
following accounts:
Automated Information Service
(information info@arrl.org
files on Amateur Radio)
Technical Information Service (Technical tis@arrl.org
questions)
DXCC Desk dxcc@arrl.org
Awards (WAS, etc.)
awards@arrl.org
Contests contests@arrl.org
Outgoing QSL Bureau buro@arrl.org
>>> Continued to next message

~ SLMR 2.1a ~ If sex is a pain in the butt, you're doing it wrong.

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

Date: Sat, 18 Feb 95 07:52:24 EST
From: fisherb@ccsnet.com
Subject: ARRL E-MAIL ADDRESS 2/2

>>> Continued from previous message
QEX Magazine qex@arrl.org
W1AW 76067.3724@compuserve.com
Other questions and messages to other
specific HQ staff members should continue to be addressed to
"2155052@mcimail.com" which will result in their receipt in the
"front office" here at ARRL HQ. You should include your postal
address (the slow kind) in case we need to send you nonelectronic
material in answer to your request.

Other useful addresses:
Tom Frenaye, K1KI, Vice President 2349723@mcimail.com
Frank Butler, W4RH, Southeastern Division 3113659@mcimail.com
Director
Stan Horzepa, WA1LOU, QST(Packet horzepa@evax.gdc.com
Perspective)columnist

Jon Bloom, KE3Z bloom@arrl.org
American Radio Relay League | Justice is being
allowed to do whatever
225 Main St. | I like.
Injustice is whatever prevents
Newington, CT 06111 | my
doing so. -- Samuel Johnson

~ SLMR 2.1a ~ If sex is a pain in the butt, you're doing it wrong.

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

Date: Sat, 18 Feb 1995 19:40:57 GMT
From: tja@netcom.com (T.J. Alessi)
Subject: BAYCOM - current version???

Tom Alldread (tom.alldread@kbsbbs.com) wrote:

-> Greetings All:

-> 1) What is the current MS-DOS version? it is 1.50

-> 2) An Internet FTP address it can be obtained from?

I have it in my FTP area...

URL=ftp://ftp.netcom.com/pub/tj/tja/baycom15.zip
Tom
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

Date: 17 Feb 1995 22:16:19 GMT
From: RedFive@ix.netcom.com (Eric)
Subject: CW and Web Site ?'s

In <3i2l8q$1o2@deathstar.cris.com> lgregory@cris.com (Lewis Gregory)
writes:

>
>2. Since I've gotten Mosaic up and running, are there any World Wide
Web
>pages out there devoted to Amateur Radio?
Try one of my pages of links at:
http://www.cybernetics.net/users/phrantic/f6b.htm

Date: 17 Feb 95 17:16:17 EDT
From: desaid@muvms6.wvnet.edu (Dinakar)
Subject: HELP... RTTY and filters... PLEASE..

Hello All:

I enjoy RTTY mode. I have kenwood TS450S radio, home brew interface and
486 computer. Sometimes I get lots of static. Sometimes interference
from other stations. I would like to know what is best way to get
better signal and avoid the static and interference. Which one is
better, SSb filter to radio or cw filter to radio or DSP like Timewave
DSP9, DSP9+ or DSP59+.

I would like to have your suggestions before I invest my money
in these things.

Thank you very much for your time and suggestions.

73s
Dinakar KG8OE

desaid@marshall.edu

Date: 18 Feb 1995 00:07:10 GMT
From: jyelland@sc.hp.com (jey yelland)
Subject: How long to get first license and callsign?

Bart Jahnke (KB9NM) (bjahnke@arrl.org) wrote:
: David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
: : This past weekend my brother passed the exam for the no-code technician
: : class license. So my question is...how long will it take for him to get
: : his callsign? (I presume it will be an N3U?? callsign.)
: : One of the examiners said some people are getting them in about a week.
: : (I assume they're calling the FCC to confirm receipt of the 610.) Is this
: : true? If so, then can I assume the ARRL VEC is using electronic filing?
: : -Dave
My wife took her test on Superbowl Sunday '95 and had her license, in hand, the
following Saturday. I was very impressed! It had taken nearly 10 weeks for
my license to arrive only two years before. 73's Jey
--
Jey Yelland, Santa Clara CA (jyelland@hpamtyy.sc.hp.com)

Date: 17 Feb 1995 22:26:11 GMT
From: STEVE LOWE <100416.2344@CompuServe.COM>
Subject: IOTA

SUBJECT:- IOTA EU-006, INISHMAN.

Following Our Successful Trip Last May To The Isle Of Skye (GB0SKY),
We Are Pleased To Announce Our Next Trip For IOTA.
From 13th MAY - 19th MAY 1995 We Will Be Active From The Island Of INISHMAN,
Part Of The ARAN IS. Off The West Coast Of Ireland.
The IOTA Reference Number Is EU-006.
We Will Be Signing EJ/Home Call.
We Will Be Active On All H.F. Band's , On The Usual IOTA Frequencies.
The QSL Information Is Via The Buro Or Direct To :-
CHB ARG. PO BOX 803, HULL, HU7 4BY, ENGLAND.

If You Require Any More Information I Can Be Contacted At The Following:-
PKT:- G0OYQ @GB7HUL.#15.GBR.EU.
Or Via GB7YDX DX-CLUSTER NETWORK
CIS:- 100416, 2344
INTERNET:- 100416,2344@COMPUSERVE.COM

STEVE G0OYQ

--
Steve Lowe G0OYQ

Date: 17 Feb 1995 22:16:00 GMT
From: STEVE LOWE <100416.2344@CompuServe.COM>
Subject: IOTA EU-006 INISHMAN

SUBJECT:- IOTA EU-006, INISHMAN.

Following Our Successful Trip Last May To The Isle Of Skye (GB0SKY),
We Are Pleased To Announce Our Next Trip For IOTA.
From 13th MAY - 19th MAY 1995 We Will Be Active From The Island Of INISHMAN,
Part Of The ARAN IS. Off The West Coast Of Ireland.
The IOTA Reference Number Is EU-006.
We Will Be Signing EJ/Home Call.
We Will Be Active On All H.F. Band's , On The Usual IOTA Frequencies.
The QSL Information Is Via The Buro Or Direct To :-
CHB ARG. PO BOX 803, HULL, HU7 4BY, ENGLAND.

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PKT:- G0OYQ @GB7HUL.#15.GBR.EU.
Or Via GB7YDX DX-CLUSTER NETWORK
CIS:- 100416, 2344
INTERNET:- 100416,2344@COMPUSERVE.COM

STEVE G0OYQ

--
Steve Lowe G0OYQ

Date: 17 Feb 1995 20:34:28 GMT
From: heller@mesa.k12.az.us (Doug Heller)
Subject: Mods for the HTX-404?

In article <950216040016287@digcir.cts.com>, ej.johnson@digcir.cts.com (Ej Johnson) says:
>
>LE>When the HTX-404 first came on the market a couple of years ago, I
> >remember reading somewhere that either a mod or key sequence was
> >available to make it transmit below 440 mHz, probably to work the few
> >satelites that have a 430-band FM input.
>
>LE>Is this true? Or does it come with with 430 capabilty?
>
>LE>--Leigh/KM6JE.
> Yes this is true... a keyboard mod ,which is in the manual.
> 73'2 de N6oid
> EJ!
>
> * OLX 2.1 TD * listen to N6oid Radio 145.180 san Diego, Ca.
The mode for the HTX-404 is well described in the operating
manual that comes with the radio. If you ned another manual
You can order one through Radio Shack Comsumer Parts. I dont
know the exact price, but would guess about 10 bux!

73's Doug KE7NF

Date: 17 Feb 1995 13:56:17 GMT
From: c21rag@kocrsv01.delcoelect.com (Roger Grady)
Subject: NOAA VHF Weather Stations question...

In article <3i0ega$14g@michp1.redstone.army.mil>, helliott@losat.redstone.army.mil (Doc Elliott) writes:
> Hello;
>
> The NWS operates continuous broadcast stations on three frequencies at
> 162.4, 162.55, and 162.475 MHz (I may be slightly off on the freqs). My
> question is this - one can buy a little receiver for these broadcasts at
> Radio Shack and elsewhere, and they have some kind of alerting
> capability. Apparently, the little buggers respond to some kind of a
> DTSS code or CTCSS subaudible transmitted by the NWS station whenever
> they issue a weather bulletin. Does anybody know how this alerting
> operates? I have my 2m receiver set to pick up the local NWS freq, but I
> would like to know if I can set up the CTCSS or DTSS so that it would
> break squelch only when the NWS issues a bulletin. Is this possible?
> Anybody know what the codes/tones are?
>
The alert tone is a single frequency of (going on somewhat flaky memory here) 1050 hz. It's definitely not sub-audible! My scanner apparently just mutes the audio when it's on Alert setting, as I can still hear the audio faintly if I'm right next to it. When it senses the tone, it unmutes and stays unmuted until reset, so that if it goes off while no one's home you know that it happened.

I believe NWS uses all the 25khz channels from 162.4 to 162.55.

Roger Grady K9OPO c21rag@kocrsv01.delcoelect.com
Delco Electronics Corp. Kokomo, IN
"All information and opinions are strictly personal."

Date: 18 Feb 1995 19:40:38 GMT
From: dianett@ibm.net
Subject: No Code Rules!

In <gene.47.00091FD0@mcs.com>, gene@mcs.com (Gene Maletta) writes:
>Im so glad their is No Code Hams... I hope this will live for ever...
> Just my opinion.

How about a new, "no test" license. How about anyone who has the money just buy a rig and cause mayhem on all of the bands.

In fact, the heck with rules of anykind, lets have a free for all.

Give me a break, really. Go back to CB where you belong.

Just MY opinion.

Date: Sat, 18 Feb 95 07:52:23 EST
From: fisherb@ccsnet.com
Subject: Your filth

JA>"1935 will go down in history. For the first time, a civilized nation has
JA>full gun registration. Our streets will be safer, our police more efficient,
JA>and the world will follow our lead into the future." - Adolf Hitler

JA> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
JA> US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

The real filth is comparing Hitler's world to the world where gun
control is really needed.

____
(Burt Fisher South Dennis (Cape Cod), Mass.)
(Teacher of Video, Broadcasting and Electronics at)
(Cape Cod Regional Vocational High School)
((Home of WCCT-FM 90.3 MHZ))
( )
(FISHERB@A1.mec.mass.edu)
(FISHER@meol.mass.edu)
(XUAB85a@prodigy.com)
(Amateur Radio Call K1OIK)
(K1OIK@KQ1K.ma)
(____)

~ SLMR 2.1a ~ If you pull the wings off a fly, does it become a walk?

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

Date: 18 Feb 95 16:50:28 GMT
From: davev@atkc.COM (Dave van De Kerk)
Subject: Your Filth and Elmer's List

I normally don't post, but having just seen these two messages
following one another, I felt I had to speak.

> Date: Thu, 16 Feb 95 17:28:18 EST
> From: fisherb@ccsnet.com
> Subject: Your filth

> Date: 17 Feb 95 18:18:29 GMT
> From: pschleck@gonix.com (Paul W Schleck KD3FU)
> Subject: Elmers list to hemorrhage 60 Elmers?!?!

The first message was yet another personal attack against Jeff Angus,
jangus@skyld.grendel.com. The second message detailed that half of the

Elmer's list no longer wants to be active.

You have seen Jeff's angry postings against certain parties who constantly bait with attacks on the no code techs. While I find Jeff's momentary lapse into obscene language as unacceptable as anybody else, I know something about Mr. Angus that you don't. You see, Jeff is *MY* Elmer. Jeff is the one who answered my 10:00 at night questions about antenna grounds. He gave me my power supply. Etc. Etc. Etc.

The number of Elmers is dropping. That is because some are being shot down by the flames of people who don't care enough to help, only to attack. Jeff really cares about amateur radio and helping other people, and I am sick of seeing the attacks against him.

The Star Trek columns are familiar with IDIC, infinite Diversity in Infinite Combinations. Why isn't amateur radio? I am now a general, and I exclusively work CW. Many amateur radio purists would feel at home in my station, with low power, improvised equipment. Yet, that does not give me, or any other operator, the right to look their nose down at someone else who participates in amateur radio only on other modes.

In addition to being a service, which should mean Esprit De Corps, amateur radio is a game which we all should be playing by the same rules. The rules are Part 97 of the FCC code. If someone violates those rules by ignorance, correct them with love and kindness. If they follow the rules, accept them as a full fledged member of the family and the service.

If you want high standards to be maintained, if you want amateur radio to be changed, please do so by EXAMPLE. Instead of deriding the neophyte who bubbles with pride at being able to use an HTX-202 to talk through a repeater 20 miles away, spend the TIME to teach them corect procedure and courtesy within their license class and interests. And, while you are at it, you can transmit your enthusiasm as you show them new horizons to travel to.

I challenge all of you who have been flaming Jeff Angus to join the Elmer's list. Put up or shut up, please. As for me, I will merely quietly teach a class through my religious denomination on how to pass the no code tech license for members who want to start an earthquake emergency net.

==========

This message does not constitute any official or unofficial statement or policy of American Turnkey or any other organization, corporation or institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 x-207 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

Date: 17 Feb 1995 14:34:21 -0600
From: landers@dbsun.vitek.com (Rod Landers)

References<3gqv7s$5re@cat.cis.Brown.EDU> <cjs9.215.000A9D6F@cornell.edu>,
<D446Lq.Mps@ridgecrest.ca.us>
Subject: Re: The Legacy of the No-Code Tech License

>In article <cjs9.215.000A9D6F@cornell.edu>, cjs9@cornell.edu (Carl Steckler) says:

>Yoe egotistical elitist anal-retentave moron. (read asshole) How dare you
>disparage those of us who for reasons being none of your business select to
>become no-code tech Hams? I will match my radio and electronic skills
>against yours any day. I choose to be a no-code tech because a hearing
>problem prevents me being able to sort out code. Does that mean in your
>world I shouldn't have a license? Being an idiot like the person you posted
>about has nothing to do with the class of his license if he even had one.
>What is your excuse?
>Carl KB2SGX (ex-jarhead) Semper Fi

C'mon, Don't hold anything back now.......

Rod WI0T (pro no-code)

Date: Fri, 17 Feb 1995 18:02:01 UNDEFINED
From: wsw@cellware.de (Stefan Wimmer)

References<3h64u2$ihc@overload.lbl.gov> <3h8rrh$j4@kocrsv08.delcoelect.com>,
<linleyD3qynE.GtE@netcom.com>
Subject: Re: frequency definition for lf/hf/vhf/uhf

In article <linleyD3qynE.GtE@netcom.com> linley@netcom.com (Bruce James Robert Linley)
writes:

>........ <deleted>

>Actually, there are other names for it like: heat, red, orange, yellow,
>green, blue, purple (I never say 'violet', that's a flower), UV, X-ray,
^^^^^^ ^^^^^^^^^^^^^^^^ ^^

So shouldn't it be UP instead of UV in your terminology??? :))

just kidding...
Stefan

Date: Thu, 16 Feb 1995 16:54:30 GMT
From: zlau@arrl.org (Zack Lau (KH6CP))

References<D2v84G.10A@swcp.com> <3hk8fi$s43@nic.iii.net>,
<3hle8t$gbh@ixnews2.ix.netcom.com>
Subject: Re: Anti-Ham bias in News Media

John KA3DBN (Jrouse@ix.netcom.com) wrote:

: Anti-ham bias in media? No, I don't think so. I'm a newspaper editor and
: it has been my observation over the years that far too many editors
: simply don't have a clue as to what ham radio actually is. There's
: confusion with, ahem, CB radio and myriad other radio-oriented outlets.

I recently had an interview published in the local paper--seems my
activities caught the eye of a resident (even though we were both
100 miles from home!) and he sent in some photos.

The young reporter who interviewed me did a surprisingly good job--I
think it helped that I provided a short *written* summary of what
I do with all that microwave gear on a distant mountaintop. I also
took the time to patiently answer the reporter's questions, and
carefully explained why some didn't make sense.

Thus, I agree with John--if you want better amateur radio press,
help them do a better job.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: Sat, 18 Feb 1995 08:19:08 GMT
From: terryd@extro.ucc.su.OZ.AU (Terry Dawson)

References<3hbk2d$fj0@eram.esi.com.au> <3hfig2$341@peachy.apana.org.au>,
<3hjdg8$77j@godzilla.zeta.org.au>
Subject: Re: VK2WI Weekly News, 5th February, 1995

richardm@zeta.org.au (Richard Murnane) writes:

>Not worth spending the price of a stamp you reckon? To borrow a line from
>a letter to the Sydney Morning Herald this week, if 4,000 woodchip
>workers can change Paul Keating's policy on woodchipping, why can't
>18,000 Amateurs have a similar effect?

>(Answer: because so many can't be bothered to get up off their backsides
>and write a letter of protest)

(Alternate Answer: Some amateurs AGREE with the new fee schedule)

>>Everything once possible over AR has now been replaced by the Internet.

>Send me email from a cave, from a hot-air baloon, or while in freefall from
>10,000 feet, and I'll maybe I'll give up AR too.

Not heard of wireless lan technology? Cellular mobile phone? Satellite Phone?

>I hope not every Amateur is so apathetic.

It isn't necessarily apathy, I know Graham to be not what I would consider
apathetic.

There comes a time where you have to judge the relative value of maintaining and existing arrangement that doesn't work in exchange for the risk associated with a completely new arrangement.

Amateur Radio adds very little value. For people that have a real desire to experiment it is too difficult to rally the support needed to gather the resources necessary to get decent experiments off the ground. The commmercial companies are far far advanced on what the amateur communities are doing, we aren't ahead of the race, we're falling behind, and further and further every year.

Terry

--
--- Terry Dawson, terryd@extro.ucc.su.oz.au

End of Info-Hams Digest V95 #134
****

------- =_aaaaaaaaaa--

2212. $20 Weak Signal Challenge

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 01:44:19 UTC
From: ir000411@interramp.com
Message-ID: <3i67pj$p99@usenet.interramp.com>
Source record: 251854

Do you think you're good at pulling out that weak CW signal?
If you have a web browser, point it at my home page for a
challenge that can put $20 in your pocket:

http://www.webcom.com/~af9y/

de Mike, AF9Y

2213. Re: Help with IC4AT Band modification - PLS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 04:03:42 UTC
From: Richard Hayman <hayman@access.digex.net>
Message-ID: <NEWTNews.11970.793170300.hayman@dca00539.slip.digex.net.204.91.204.91>
Source record: 251858
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,dc.ham-radio

Try the Vienna Winterfest next week. Last year someone was there doing mods
on handhelds. If he's not there, try Gaithersburg in the fall.

73,

Dick, K3DML

2214. Re: CW and Web Site ?'s

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 05:39:43 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3i6liv$44i@crcnis3.unl.edu>
Source record: 251872

Lewis Gregory (lgregory@cris.com) wrote:

: 1. I'm currently studying for my 1B 13wpm code test, and seem to be "hitting
: the wall" at about 8-9 wpm. Do any of you CW gods out there have any
: strategies that you found effective for increasing code speed? (Besides
: copying till your ears bleed, which I'm already doing.) :)

That's not an unusual speed for "the wall". Copying code is quite different from one side of the wall to the other. Up to about ten wpm, you can copy just fine by consciously *translating* what you hear into the corresponding letter. Above that speed, you really have to eliminate the translation step. The sound *is* the letter. It's similar to the difference between "hunt-and-peck" and touch-typing.

I got past the "wall" just by operating a lot, and mostly CW. It was my mode of choice (and the FCC's back then!) so I wasn't approaching it the way many people do today and it was fun. One day, the wall was just gone. I seem to remember it the same way I remember finally learning to ride a bike...all of a sudden, the balance was just *there*, and then it seemed so easy.

Bottom line: Operate CW a lot, don't just listen to tapes or computer programs (that's work). Listen to faster code than you can copy and pick out what you can. Don't work at it too hard, just let it flow and relax.

I know that's pretty fuzzy advice...but if I could give you a better answer than that, I'd be rich!

Good luck!
Greg WB0RTK

2215. RFI: Kenwood TK handhelds

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 06:09:53 UTC
From: krispy@bga.com
Message-ID: <3i6nbh$p7u@lia.bga.com>
Source record: 251873

have a kenwood TK-320.

would appreciate any info on frequency reassignments and charger
bases thanxs

2216. Re: CW and Web Site ?'s

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 07:01:25 UTC
From: battin@cyclops.iucf.indiana.edu
Message-ID: <3i6qc5$41p@usenet.ucs.indiana.edu>
Source record: 251877

In article <3i2l8q$1o2@deathstar.cris.com>, Lewis Gregory (lgregory@cris.com) wrote:
> Two quick questions for the group:

> 1. I'm currently studying for my 1B 13wpm code test, and seem to be "hitting
> the wall" at about 8-9 wpm. Do any of you CW gods out there have any
> strategies that you found effective for increasing code speed? (Besides
> copying till your ears bleed, which I'm already doing.) :)

I'm working on getting to 20, after passing the exam at 13 just a
month ago. Let me give you some advice that I found helpful:

The goal of passing the test is different than the goal of complete
mastery. Don't confuse the two by putting off trying the test until
you think you have 13 wpm down solid. At one time people were required
to show a solid minute of copy to pass, but the change to 70% on the
questions (particularly if the VEC offers multiple-choice answers) has
really changed the skill required. If you can copy 4 or 5 letters in a
row at 13 wpm, them miss a couple, and then catch the next 4 or 5, and
so on for the whole 5 minute exam, you will almost certainly be able
to figure out most of the missed material and manage to pass a
multiple-choice exam. After all, any real language has a lot of
redundancy, and we use our knowledge of the redundant features of
languages to communicate all the time. As a practical instance of
this, note that there are usually two questions on call signs in the
exam, but you get two chances to catch them during the test.

The only special skill needed to do what I suggest above is the
ability to _ignore_ missed letters rather than worrying them over in
your head. If you are like me, you will be strongly tempted to
hesitate when you miss a letter and try to work it out before listening
to the next letter. This is a bad habit that can be conquered by
practicing the proper method of missing letters. As others have said,
copy code at a higher speed than you are comfortable with, and make
the effort when you miss a character to just let it go, and pick up
immediately on the next letter you hear. After only a couple of
practice sessions at this one skill, I went in and passed the 13 wpm
exam in spite of being _sure_ I wasn't really ready yet! The other
advantage to this technique is that it helps you objectively measure
just which letters are your "problem" letters. A drill that I used to
help conquer y, q, z, and x was to listen to very rapid code while
specifically attempting to identify my problem letters (rather than
copying any of the easy letters). After a while, these letters became
as familiar as old friends.

And, above all else, have fun doing code. Don't treat it as a chore
but as a game.

Good luck!

--
Gene Battin, N9XAM
battin@iucf.indiana.edu

2217. Need Rural Phone Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 07:04:52 UTC
From: dpirl@crl.com
Message-ID: <3i6qik$63h@crl11.crl.com>
Source record: 251878

This is my first message to this newsgroup. I'm not a ham, but am posting this message in an attempt to help my brother who is living in the mountains of southern Mexico and attempting to get telephone service via a long range version of a cordless phone advertised to work over a 60 mile range.

My brother and his family live 15 miles from the base station transmitter, and their dwelling happens to lie in the shadow of a hill 1.5 km away. The phone will work if they drive to the top of the hill and set up the antenna there, but since my brother's wife is pregnant, and they have another small child, they really need to have the phone in their residence.

The vendor, Megatronics International, has explained that a directional antenna could solve their problem. They offered to sell them their rugged terrain system which is $10,000 and includes repeaters and remote power supplies, but they are missionaries, and this is way beyond their budget. The system they purchased cost about $2000.

I wonder if there is anyone here who is able to give technical advice so that my brother, Ed, could get a local technician to build him an antenna. (He is unable to find anyone locally who is able to solve the problem.) Ed tells me that the frequencies are 71-74 MHz to send and 45-47 MHz to receive. He says that he has a 100 watt power booster at the base station and a 12 volt, 50 watt booster at the remote unit.

Some one passed on some information to my brother that any low-band VHF antenna, like one from Radio Shack would do the job. Is this true? Are the frequencies I've listed above VHF? Would Ed need an antenna at both the base station _and_ the remote, or only at the remote station? Would this type of antenna enable him to receive signals at his residence in the shadow of the hill?

Much thanks for any assistance.

--Don

--

Donald Pirl dpirl@crl.com Sebastopol, CA

2218. Re: Febuary RAD-COM Misprint??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 10:44:42 UTC
From: mike@imcldn.demon.co.uk
Message-ID: <793190682snz@imcldn.demon.co.uk>
Source record: 251859
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

and the listserver on my machine will only respond to qslroutes - not
qsl routes

AX25 Access to the database coming soon......
--
Mike

X400 : /RFC-822=mike(a)imcldn.demon.co.uk/O=mhs-relay/PRMD=uk.ac/ADMD= /C=GB/

AX25 : G7OBS @ GB7DAA.#33.GBR.EU | Space for rent (Internet)
Internet : mike @ imcldn.demon.co.uk | tner rof ecapS (Janet)

2219. Question for DENVER HAMS

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 12:10:30 UTC
From: andy@clark.net
Message-ID: <3i7cfm$o5i@clarknet.clark.net>
Source record: 251860

I'll be in Denver for a week in early April. Although I have a list of 2-meter repeaters, I'd like to know which one will give me the best access from downtown at the convention center.

Thanks & 73... Andy-K4ADL

2220. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 14:18:48 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEI.sony.COM
Message-ID: <9502191418.AA23025@mail1.sjc.in.sel.sony.com>
Source record: 251864

```
------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA22990; Sun, 19 Feb 95 06:18:48 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793214799; Sun, 19 Feb 95 04:30:10 EST
Date: Sun, 19 Feb 95 04:30:10 EST
From: Info-Hams@UCSD.EDU
Message-Id: <9501197932.AA793214799@ccmail.nhq.sony.com>
To: Info-Hams@UCSD.EDU
Subject: Info-Hams Digest V95 #136

Info-Hams Digest Sun, 19 Feb 95 Volume 95 : Issue 136

Today's Topics:
Amatuer Radio Slow Scan TV
BNC what is stands for...HELP!
Cost of Call License Plates?
CW and Web Site ?'s (2 msgs)
Need Rural Phone Help
Old Radio's
RFI: Kenwood TK handhelds
Your Filth and Elmer's List

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.
```

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 18 Feb 1995 19:01:08 GMT
From: rlehman@gate.net (Rick Lehman)
Subject: Amatuer Radio Slow Scan TV

Announcing homepage for WB4EJC specializing in Slow Scan TV and other
images. the URL is:

http://www.gate.net/~rlehman/

Email with comments and questions to rlehman@gate.net

Date: 18 Feb 1995 18:47:18 GMT
From: terrific@cadvision.com
Subject: BNC what is stands for...HELP!

> steuer@eden.rutgers.edu (Team OS/2'er) writes:
> if I remember right, BNC stands for British Naval Connector, but if anyone
has the file that describes
>this, if you could mail it to me I would really appreciate it! Thanks!

I thought it stood for Bayonet Connector!

73, Dave W

_____
"If you talk to God, you are praying; if God talks to you,
you have schizophrenia." - Thomas Szasz

Date: Sat, 18 Feb 1995 18:36:59 GMT
From: ad283@rgfn.epcc.edu (David J Greiner)
Subject: Cost of Call License Plates?

Does anyone know how much more plates with your call number are in Texas?

Thanks,
--
David Greiner * It's My Life, And I'll Do What I want. *
ad283@rgfn.epcc.edu * It's My Mind, And I'll Think What I want. *
* *
________It's My Life -The Animals-_________

Date: 19 Feb 1995 05:39:43 GMT
From: gbrown@unlinfo.unl.edu (gregory brown)

Subject: CW and Web Site ?'s

Lewis Gregory (lgregory@cris.com) wrote:

: 1. I'm currently studying for my 1B 13wpm code test, and seem to be "hitting
: the wall" at about 8-9 wpm. Do any of you CW gods out there have any
: strategies that you found effective for increasing code speed? (Besides
: copying till your ears bleed, which I'm already doing.) :)

That's not an unusual speed for "the wall". Copying code is quite
different from one side of the wall to the other. Up to about ten
wpm, you can copy just fine by consciously *translating* what you hear
into the corresponding letter. Above that speed, you really have to
eliminate the translation step. The sound *is* the letter. It's
similar to the difference between "hunt-and-peck" and touch-typing.

I got past the "wall" just by operating a lot, and mostly CW. It was
my mode of choice (and the FCC's back then!) so I wasn't approaching
it the way many people do today and it was fun. One day, the wall was
just gone. I seem to remember it the same way I remember finally
learning to ride a bike...all of a sudden, the balance was just
there, and then it seemed so easy.

Bottom line: Operate CW a lot, don't just listen to tapes or computer
programs (that's work). Listen to faster code than you can copy and
pick out what you can. Don't work at it too hard, just let it flow
and relax.

I know that's pretty fuzzy advice...but if I could give you a better
answer than that, I'd be rich!

Good luck!
Greg WB0RTK

Date: 19 Feb 1995 07:01:25 GMT
From: battin@cyclops.iucf.indiana.edu (Laurence Gene Battin)
Subject: CW and Web Site ?'s

In article <3i2l8q$1o2@deathstar.cris.com>, Lewis Gregory (lgregory@cris.com)
wrote:
> Two quick questions for the group:

> 1. I'm currently studying for my 1B 13wpm code test, and seem to be "hitting
> the wall" at about 8-9 wpm. Do any of you CW gods out there have any
> strategies that you found effective for increasing code speed? (Besides
> copying till your ears bleed, which I'm already doing.) :)

I'm working on getting to 20, after passing the exam at 13 just a
month ago. Let me give you some advice that I found helpful:

The goal of passing the test is different than the goal of complete
mastery. Don't confuse the two by putting off trying the test until

you think you have 13 wpm down solid. At one time people were required to show a solid minute of copy to pass, but the change to 70% on the questions (particularly if the VEC offers multiple-choice answers) has really changed the skill required. If you can copy 4 or 5 letters in a row at 13 wpm, them miss a couple, and then catch the next 4 or 5, and so on for the whole 5 minute exam, you will almost certainly be able to figure out most of the missed material and manage to pass a multiple-choice exam. After all, any real language has a lot of redundancy, and we use our knowledge of the redundant features of languages to communicate all the time. As a practical instance of this, note that there are usually two questions on call signs in the exam, but you get two chances to catch them during the test.

The only special skill needed to do what I suggest above is the ability to _ignore_ missed letters rather than worrying them over in your head. If you are like me, you will be strongly tempted to hesitate when you miss a letter and try to work it out before listening to the next letter. This is a bad habit that can be conquered by practicing the proper method of missing letters. As others have said, copy code at a higher speed than you are comfortable with, and make the effort when you miss a character to just let it go, and pick up immediately on the next letter you hear. After only a couple of practice sessions at this one skill, I went in and passed the 13 wpm exam in spite of being _sure_ I wasn't really ready yet! The other advantage to this technique is that it helps you objectively measure just which letters are your "problem" letters. A drill that I used to help conquer y, q, z, and x was to listen to very rapid code while specifically attempting to identify my problem letters (rather than copying any of the easy letters). After a while, these letters became as familiar as old friends.

And, above all else, have fun doing code. Don't treat it as a chore but as a game.

Good luck!

--
Gene Battin, N9XAM
battin@iucf.indiana.edu

Date: 18 Feb 1995 23:04:52 -0800
From: dpirl@crl.com (Donald Pirl)
Subject: Need Rural Phone Help

This is my first message to this newsgroup. I'm not a ham, but am posting this message in an attempt to help my brother who is living in the mountains of southern Mexico and attempting to get telephone service via a long range version of a cordless phone advertised to work over a 60 mile range.

My brother and his family live 15 miles from the base station transmitter, and their dwelling happens to lie in the shadow of a hill 1.5 km away. The phone will work if they drive to the top of the hill and set up the antenna there, but since my brother's wife is pregnant, and they have another small child, they really need to have the phone in their residence.

The vendor, Megatronics International, has explained that a directional antenna could solve their problem. They offered to sell them their rugged terrain system which is $10,000 and includes repeaters and remote power supplies, but they are missionaries, and this is way beyond their budget. The system they purchased cost about $2000.

I wonder if there is anyone here who is able to give technical advice so that my brother, Ed, could get a local technician to build him an antenna. (He is unable to find anyone locally who is able to solve the problem.) Ed tells me that the frequencies are 71-74 MHz to send and 45-47 MHz to receive. He says that he has a 100 watt power booster at the base station and a 12 volt, 50 watt booster at the remote unit.

Some one passed on some information to my brother that any low-band VHF antenna, like one from Radio Shack would do the job. Is this true? Are the frequencies I've listed above VHF? Would Ed need an antenna at both the base station _and_ the remote, or only at the remote station? Would this type of antenna enable him to receive signals at his residence in the shadow of the hill?

Much thanks for any assistance.

--Don

--

Donald Pirl dpirl@crl.com Sebastopol, CA

Date: 18 Feb 1995 17:10:12 GMT
From: wwswinc@ibm.net
Subject: Old Radio's

There is a mailing list available for a discussion relating to old radios..

Send a message to listserv@ar-net.woodybbs.com

In the text put

SUB OLDRADIO <user-name>

Date: 19 Feb 1995 00:09:53 -0600
From: krispy@bga.com (Kris Schludermann)
Subject: RFI: Kenwood TK handhelds

have a kenwood TK-320.

would appreciate any info on frequency reassignments and charger
bases thanxs

Date: Sun, 19 Feb 1995 00:47:48 GMT
From: jeffrey@math.hawaii.edu
Subject: Your Filth and Elmer's List

davev@atkc.COM (Dave van De Kerk) writes:

>The first message was yet another personal attack against Jeff Angus,
>jangus@skyld.grendel.com. The second message detailed that half of the
>Elmer's list no longer wants to be active.

Hi Dave,
If Jeff Angus would limit his personal attacks then there would be
no reason for anyone to attack back. His one-line insults continually
plague the various radio groups.

>You have seen Jeff's angry postings against certain parties who constantly
>bait with attacks on the no code techs. While I find Jeff's momentary
>lapse into obscene language as unacceptable as anybody else, I know something
>about Mr. Angus that you don't. You see, Jeff is *MY* Elmer. Jeff is the one
>who answered my 10:00 at night questions about antenna grounds. He gave
>me my power supply. Etc. Etc. Etc.

A common occurrence: Someone can be very nice and very helpful in person
but when they get behind the anonymity of a mic or keyboard they can
get real nasty. It's easy to do (speaking from experience).

>The number of Elmers is dropping. That is because some are being shot
>down by the flames of people who don't care enough to help, only to
>attack.

What other Elmers are `being shot down' by flames? Maybe they're just
tired of 10pm phone calls. ;)

73 from hot and humid Hawaii (humidity: 99.9% - blah),
Jeff NH6IL
Jeffrey Herman

End of Info-Hams Digest V95 #136
****

------- =_aaaaaaaaaa--

2221. Re: No Code Rules!, and New Aircraft Callsigns.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 17:37:59 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D49CzC.1H5@news.hawaii.edu>
Source record: 251866

douglas213@aol.com (Douglas213) writes:

>Us Xer's don't need no stupid code. The sooner you oldtimers die and
>turn
>to dust, the sooner we can run the bands the way they should be ran!
>Gen.
>X Rules!
>>dittydittydit-dahdedahdedah - What a Joke!

Maybe we should petition the FCC to *raise* the code speed for
HF access. I'm still puzzled as to what or who Generation X is
supposed to be.

Completely unrelated, I've read that the first Boeing 777 in
commercial operation will have the callsign WA002. It appears as
if the FCC has run out of N callsigns for aircraft.

Jeff NH6IL

2222. Collins & Drake Equipment/Parts Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 18:03:19 UTC
From: sond@ihug.co.nz
Message-ID: <3i5mvt$t7c@status>
Source record: 251852

I am looking for Collins and Drake Equipment.
Namely RV7 Vfo for TR7 transceiver.
Collins parts Panel for Winged Emblem 30L1 Linear and Rocker switch for same.
Any parts or equipment cosidered, any help/suggestions appreciated.
Reply by fax or email.
Fax 64-9-486 3136
email sound@ihug.co.nz
Thanks
Steve Hilliar
Zl1BAC

2223. Re: 10m or 6m HT's?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 18:30:14 UTC
From: delaney@j51.com
Message-ID: <3i82nm$3m@tzlink.j51.com>
Source record: 251890

QST magizane for March 1995 (I think) has a article reviewing the Azden
az-61 5W ht

Ej Johnson (ej.johnson@digcir.cts.com) wrote:

: MP>Does anyone know of any HT's made for 6 or 10m? Preferably with a touchtone
: >keypad...

: MP>Tnx de Matt NY3F
: Matt, i think azden makes a 6m ht
: 73 de N6oid
: EJ!

: * OLX 2.1 TD * listen to N6oid Radio 145.180 san Diego, Ca.

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2224. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 18:48:27 UTC
From: fisherb@ccsnet.com
Message-ID: <028037QDQIJCHEGCVYIX@ccsnet.com>
Source record: 251892

```
RK> Which world is that, exactly? The one where people cower in their
RK>homes, legally unable to protect themselves and their families? Not a
RK>place I'd want to live, certainly.

RK>- Rich
```

I no of no one that cowers in their homes (except of course hams who
will pee in their pants if you say knock on the door and say TVI).

&#65533; SLMR 2.1a &#65533; It's deja vu all over again.

```
--
***********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

2225. Re: Your Filth and Elmer's List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 18:48:27 UTC
From: fisherb@ccsnet.com
Message-ID: <028030QDQIJCHEGCVYIX@ccsnet.com>
Source record: 251893

DO>Jeff Angus is a fine man. All of you who flamed him eat poop.

Such maturity.
CB awaits you.

____
(Burt Fisher South Dennis (Cape Cod), Mass.)
( )
(FISHERB@A1.mec.mass.edu)
(FISHER@meol.mass.edu)
(XUAB85a@prodigy.com)
(Amateur Radio Call K1OIK)
(K1OIK@KQ1K.ma)
(____)

• SLMR 2.1a • Jeffrey Dahmers Cookbook: A Farewell to Arms.

--

****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

2226. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 18:48:28 UTC
From: fisherb@ccsnet.com
Message-ID: <028036DHWVPKQJHFVOSQ@ccsnet.com>
Source record: 251894

```
RK> Which world is that, exactly? The one where people cower in their
RK>homes, legally unable to protect themselves and their families? Not a
RK>place I'd want to live, certainly.

RK>- Rich
```

I no of no one that cowers in their homes (except of course hams who
will pee in their pants if you say knock on the door and say TVI).

 SLMR 2.1a It's deja vu all over again.

```
--
*********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

2227. Re: Your Filth and Elmer's List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 18:48:28 UTC
From: fisherb@ccsnet.com
Message-ID: <028029DHWVPKQJHFVOSQ@ccsnet.com>
Source record: 251895

DO>Jeff Angus is a fine man. All of you who flamed him eat poop.

Such maturity.
CB awaits you.

____
(Burt Fisher South Dennis (Cape Cod), Mass.)
( )
(FISHERB@A1.mec.mass.edu)
(FISHER@meol.mass.edu)
(XUAB85a@prodigy.com)
(Amateur Radio Call K1OIK)
(K1OIK@KQ1K.ma)
(____)

• SLMR 2.1a • Jeffrey Dahmers Cookbook: A Farewell to Arms.

--

****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

2228. FCC Database available???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 19:02:36 UTC
From: scanware@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3i84kc$asp@news.halcyon.com>
Source record: 251898

ScanWare provides each state database along with the FCC Frequency Retrieval System (C) which is the most efficient and rapid retrieval system you can find for the FCC databases. The data provided by ScanWare is taken directly from the FCC Master Database which we obtain from Chuck Pergrim at Percon.

Give us a call...you'll be very pleasantly surprised!

Gene McAvoy / KG7XD & Matt Amis / AA7LP
ScanWare Associates
Voice: (206) 698-1383
Fax: (206) 698-8207
BBS: (206) 871-4591 0r 4228 (1200-28800, N81)
Free Access...always!

2229. Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 20:26:39 UTC
From: jaa2188@tntech.edu
Message-ID: <1995Feb19.142639.8590@atlas.tntech.edu>
Source record: 251867

I am currently a No-Code Tech. Got my license in December. At the time I got
my license, my only purpose was to chat with the HAMs that go to school with
me. I had a CB, but the only thing I heard was some hooker trying to sell
herself. I am not a prud or anything, but I have better things to listen to.
Now I can talk to my classmates about anything from my latest Computer Project
to thier latest Digital Comm project on our on campus repeater.
Now there is a purpose for this message. I had no intention of taking
my code test, but now that I have my No-Code Tech and have been playing with my
radio and listing to all the fun stuff that goes on in the other bands, I am
going to start studying my code. Thanxs to the No-Code, I have enough interest
to start studing and try to obtain a higher classification.
Let us give NO-code some credit.

John Alcock KE4TQM
Cookeville, Tennessee.
Internet Address: jaa2188@tntech.edu
Fate protects children, fools, and little ships named Enterprise.

2230. Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 22:41:33 UTC
From: andyneal@ocf.berkeley.edu
Message-ID: <andyneal-1902951441330001@sharkbite.hip.berkeley.edu>
Source record: 251868

Foreword: Although this post has nothing to do with radio, I feel it does deserve (and needs) to be posted in this group. I apologize to the net at-large for this fact in advance. Most importantly, THIS IS NOT A FLAME.

In article <9502181650.AA01168@venus.atkc.com>, davev@atkc.COM (Dave van De Kerk) wrote:

> I felt I had to speak...[about] another personal attack against Jeff Angus,
> jangus@skyld.grendel.com.

> Jeff really cares about...helping other people,
> and I am sick of seeing the attacks against him.
>
> I challenge all of you who have been flaming Jeff Angus
> to...Put up or shut up, please.

[much deleted]

I do not know Jeff Angus personally. However, in the signature of his posts, he writes:

>"1935 will go down in history. For the first time, a civilized nation has
>full gun registration. Our streets will be safer, our police more efficient,
>and the world will follow our lead into the future." - Adolf Hitler

Writing to Mr. Angus about this quote, his reply was:

"Have you been watching what people like Diane Feinstein, Janet Reno or Bill Clinton have been doing to our basic rights?"

I am a Jew, Mr. Angus. Over 30 of my immediate family members were slaughtered like animals for no reason other than "ethnic cleansing" by soldiers following orders from Adolf Hitler.

I think any reasonable, educated, mentally-stable American knows for a fact that none of the politicians he mentioned have committed qrotesque atrocities against more than SIX MILLION HUMAN BEINGS, as did Adolf Hitler.

The fact that Mr. Angus is quoting Adolf Hitler in the context that Hitler was some kind of saviour of civil rights is, at best completely misleading and untrue, and at worst no less than pure, unadulterated evil. Holocaust revisionism is the true "filth," and I find this quote FAR more offensive than any four-letter words Mr. Angus may have written.

Mr. Angus, I am making a public, personal plea to you because my news reader is unable to filter messages or threads containing this quote: please remove this quote from your .sig. If you truly care about helping

people, as Dave van DeKerk says, you won't force me to be reminded of this intense, personal family tragedy every time I want to read about Amateur Radio. I feel such quotes have no place here, and I'm sure many silent lurkers agree.

I don't deny your (or anyone's) right (in the U.S.) to bear arms. I am sure the NRA would be happy to provide you with other historical quotes about the right to bear arms, if you absolutely must have one.

In Germany today, it is a crime to quote Hitler as you have; however I strongly support the right to free speech, print, etc., which is why I am asking Mr. Angus to voluntarily remove/replace this quote, out of compassion for my situation and not because I am any kind of Thought Police, etc.

And finally, Mr. Angus, if you would like to see the direct result of Hitler's public "civil rights" policy, viz. the holocaust (and the reason for my grief), you can download a picture of my family, all of whom were killed in concentration camps Auschwitz and Birkenau, at: http://ocf.berkeley.edu/~andyneal/FamilyLrg.JPG

Sincerely,
Andrew Brandt

2231. Re: Your Filth and Elmers List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-19 22:56:03 UTC
From: davev@atkc.COM
Message-ID: <9502192256.AA16607@venus.atkc.com>
Source record: 251869

jeffrey@math.hawaii.edu (NH6IL Jeffrey Herman) writes:

> If Jeff Angus would limit his personal attacks then there would be
> no reason for anyone to attack back. His one-line insults continually
> plague the various radio groups.

If the above statement is true, then I declare a cease fire. See who
launches a personal attach in rec.radio.* first. BTW, posted comments
on historical quotes in .signature files certainly qualify as personal
attacks. If you don't like the politics indicated by a .signature,
take it off line to direct e-mail please.

> Someone can be very nice and very helpful in person
> but when they get behind the anonymity of a mic or keyboard they can
> get real nasty. It's easy to do (speaking from experience).

I hope the above comment indicates that Mr. Herman has the wisdom
to realize that the flame war salvos have not been coming from
one direction only.

In my original posting, I challenged those parties firing the flames
to join the Elmer's list instead. Mr. Herman made no note of that
in his posted reply. May I renew my challenge for the combatents to
spend the time they have been using for bickering in doing something
constructive for amateur radio. If they feel that the level of
amateur radio knowledge required to help people via the Elmer's list
is beyond their knowledge and abilities, then I challenge them to
help in any way they are qualified for. Even a no code tech, with
their license still wet, can help by

* participating in training groups for new licensees
* particiapting in organized groups for coaching new
amateurs. (i.e. the earthquake emergency net group
I mentioned in my first posting.)
* always set a high example of operating practice
* encourage all license classes to learn more and
participate in amateur radio to the fullness of
their own abilities.

> What other Elmers are `being shot down' by flames? Maybe they're just
> tired of 10pm phone calls. ;)

Jeff never complained once about any of my questions, at any time.

==========
This message does not constitute any official or unofficial statement or
policy of American Turnkey or any other organization, corporation or

institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 x-207 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

2232. Re: Your Filth and Elmers List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 00:49:52 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D49wz5.9DG@news.hawaii.edu>
Source record: 251871

davev@atkc.COM (Dave van De Kerk) writes:

> BTW, posted comments
>on historical quotes in .signature files certainly qualify as personal
>attacks. If you don't like the politics indicated by a .signature,
>take it off line to direct e-mail please.

Hi again, Dave: Please tell me if this is a personal attack:

``The above quote is from a different time, in a different context,
with different people on the streets than today.''

I think someone is a bit too sensitive if they honestly feel
that was a `personal attack'.

73 from beautiful Hawaii,
Jeff NH6IL
(Humidity dropped to 65%, high today: 82, low tonight: 65, high
pressure center sitting right on top of Oahu providing perfect WX.)

2233. Re: VE Procedures

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 02:59:29 UTC
From: faunt@netcom13.netcom.com
Message-ID: <FAUNT.95Feb19185933@netcom13.netcom.com>
Source record: 251874

And a friend of mine, licensed for 50 years now, says that he's pretty sure the FCC examiner gave him some slack on his code test, since he was in the service, and he couldn't get on the air at the time anyway because of WW2.
73, doug

2234. Re: Jeff Angus and Hitler quotes in rec.radio.amat

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 03:35:35 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3i92m7$8t9@omnifest.uwm.edu>
Source record: 251875

A question for all those who bait pro-gun-controllers with Hitler "quotes":

Why is Nazi war memorabilia so often sold at gun shows?

2235. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 03:43:25 UTC
From: dfleming@earth.execpc.com
Message-ID: <3i934t$sg@homer.alpha.net>
Source record: 251876

dianett@ibm.net wrote:
: >Douglas213 <douglas213@aol.com> wrote:
: >>Us Xer's don't need no stupid code. The sooner you oldtimers die and turn
: >>to dust, the sooner we can run the bands the way they should be ran! Gen.
: >>X Rules!
: >

: It's obvious from your enlightened reply, that you "don't need no" grammar
: in order to communicate. Thats OK, cavemen got along just fine for a million
: or so years in this way.

: Your attitude is the reason why some of us "old-timers" have a certain distaste
: for the idea of the no-code license. Thats OK, also, as I will just hang out on
: my favorite CW band, tighten my filter up a bit, and "dittyditty" my few
: remaining years away.

: By the way, I'm only in my 30's, and I plan to "ditty ditty" for a long time to
: come.

: Ten Four, Good Buddy. Enjoy 2 meters!
This CB'er turned no-code tech, and others like him are the reason I want to
upgrade to General as soon as I can. I have seen what happened to CB
over the years. We must never let this happen to our precious bands.

It's obvious that he doesn't understand the CW attraction and the reason
for it's use after all these years.

I can imagine a real thrill when someone answers my first CQ from afar.

It is true though that the tests could be a bit tougher. I aced the
Novice and Tech and almost passed the General without looking at the
question pool (for General)

I took a Scuba course a while back. Now that written test was tough with
all the gas laws, consumption rates, etc.

I don't think we want truck stop hookers taking reservations on the ham
bands.

This is just my .02 cents worth.

2236. Re: BNC what is stands for...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 07:54:09 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3i9hr1$sjn@info4.rus.uni-stuttgart.de>
Source record: 251880

In article <3i5fbm$4n2@huey.cadvision.com>, <terrific@cadvision.com> wrote:
>> if I remember right, BNC stands for British Naval Connector, but if anyone has the file that describes
>>this, if you could mail it to me I would really appreciate it! Thanks!

I remember it being refered to as Baby series N connector.
But I do not remember where, may be in some Tektronix manual.

73, Moritz DL5UH

2237. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 08:02:29 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3i9ial$tah@info4.rus.uni-stuttgart.de>
Source record: 251881

Jeff,

but none of the reasons you mention are right.
And if you see how much was spent in the last years
on airport and flight controll installations, you should
not think that FM radios were too expensive.

See WY7O's posting.

73, Moritz DL5UH

2238. Re: NOAA VHF Weather Stations question...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 10:05:51 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.449.000A1950@WichitaKS.HMPD.COM>
Source record: 251901

In article <3i2hmu$g0j@rs10.tcs.tulane.edu> gbelton@rs5.tcs.tulane.edu (Gerald A Belton) writes:
>From: gbelton@rs5.tcs.tulane.edu (Gerald A Belton)
>Subject: Re: NOAA VHF Weather Stations question...
Apparently, the little buggers respond to some kind of a
>: DTSS code or CTCSS subaudible transmitted by the NWS station whenever
>: they issue a weather bulletin.

it is a very audible 1050Hz tone. Sometimes my older alter radio reacts to one of the local announcers' voice and chirps at me.

2239. CQ trying to find Roland Burgan, KB8XI

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 10:17:27 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.451.000A4AC4@WichitaKS.HMPD.COM>
Source record: 251902

re: his article in 73.

2240. Re: UK information

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 10:26:38 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D4AnoF.K1v@hpqmoea.sqf.hp.com>
Source record: 251879

JM Saunders (Sandy@staedt.demon.co.uk) wrote:
:
: Repeater split on 70 cms in the UK is 1.6MHz not 1.2 MHz.
: Regards, Sandy

Of course it is. Now why did I type 1.2 ? My brain must be
fading, or else my typing finger's turning bolshy. Oh the embarassment.

Sincerest apologies,
David GM4ZNX

2241. Re: CW and Web Site ?'s

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 10:56:14 UTC
From: randolph@est.enet.dec.com
Message-ID: <3iaen1$2gu@mrnews.mro.dec.com>
Source record: 251904

In article <3i2l8q$1o2@deathstar.cris.com>, lgregory@cris.com (Lewis Gregory) writes...
>1. I'm currently studying for my 1B 13wpm code test, and seem to be "hitting
>the wall" at about 8-9 wpm. Do any of you CW gods out there have any
>strategies that you found effective for increasing code speed? (Besides
>copying till your ears bleed, which I'm already doing.) :)

One thing that helps me, and this is pretty much with any study material, not just code speed, is to put it aside for a day or two every once in a while. Over a weekend works great. Somehow, this allows you to "digest" what you've learned and move on. Other than that, get in about half an hour of practice a day, and keep pushing yourself hard. If you can copy 75-80% at a certain speed, you should be practicing faster.

I'm currently working on passing the 20 WPM, but I do remember being where you are.

-Tom R. N1OOQ randolph@est.enet.dec.com

2242. 75 NET

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 11:39:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6532.545@acenet.com>
Source record: 251882

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Don Simpson, KO4TA writes:

DS>This net meets on 3.975 mhz. , Sunday at 2100 eastern.
DS>Net commences at 19:30 and runs until......

You mean "Runs until K1MAN shows up and drives you crazy?"

:-)

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

2243. Returned mail: Servic 1/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 11:39:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6534.545@acenet.com>
Source record: 251883

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

PLEASE!!! Stop SPAMMING this Newsgroup with all of this
"Returned mail" stuff! Thanks - Brian AF4K

MDS>------- =_baaaaaaaaa
MDS>Content-Type: text/plain; charset="us-ascii"
MDS>Content-Description: Session Transcript

MDS>While talking to mail1.gw.in.sel.sony.com:
MDS>>>> DATA
MDS><<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain
MDS>(authoritative answer))
MDS>554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

MDS>------- =_baaaaaaaaa
MDS>Content-Type: text/plain; charset="us-ascii"
MDS>Content-Description: Recipients of this Delivery

MDS>Bounced, cannot deliver:
MDS> <alstadj@ccmail.sgo.sony.co>

MDS>------- =_baaaaaaaaa
MDS>Content-Type: message/rfc822
MDS>Content-Description: Returned Content

MDS>Received: by mail1.sjc.in.sel.sony.com id AA11454; Sat, 18 Feb 95 09:12:41
MDS>-0800
MDS>Received: from cc:Mail by ccmail.nhq.sony.com
MDS> id AA793138821; Sat, 18 Feb 95 08:01:21 EST
MDS>Date: Sat, 18 Feb 95 08:01:21 EST
MDS>From: Info-Hams@ucsd.edu
MDS>Message-Id: <9501187931.AA793138821@ccmail.nhq.sony.com>
MDS>To: Info-Hams@ucsd.edu
MDS>Subject: Info-Hams Digest V95 #133

MDS>Info-Hams Digest Sat, 18 Feb 95 Volume 95 : Issue 133

MDS>Today's Topics:
MDS> ARLP008 Propagation de KT7H
MDS> Chat from pc to Ham radio via code?
MDS> Ham Web Pages?
MDS> Help with IC4AT Band modification - PLS
MDS> How long to get first license and callsign?
MDS> NOAA VHF Weather Stations question...
MDS> PRB-1 in So. Cal.

MDS> Queens University Belfast Radio Club is on WWW
MDS> Request: list of active nets
MDS> Returned mail: Service unavailable
MDS> The Legacy of the No-Code Tech License

MDS>Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
MDS>Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
MDS>Problems you can't solve otherwise to brian@ucsd.edu.

MDS>Archives of past issues of the Info-Hams Digest are available
MDS>(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

MDS>We trust that readers are intelligent enough to realize that all text
MDS>herein consists of personal comments and does not represent the official
MDS>policies or positions of any party. Your mileage may vary. So there.
MDS>--

MDS>Date: Fri, 17 Feb 1995 18:11:33 EST
MDS>From: w1aw@arrl.org
MDS>Subject: ARLP008 Propagation de KT7H

MDS>SB PROP @ ARL $ARLP008
MDS>ARLP008 Propagation de KT7H

MDS>ZCZC AP76
MDS>QST de W1AW
MDS>Propagation Forecast Bulletin 8 ARLP008
MDS> From Tad Cook, KT7H
MDS>Seattle, WA February 17, 1995
MDS>To all radio amateurs

MDS>SB PROP ARL ARLP008
MDS>ARLP008 Propagation de KT7H

MDS>Recent 160 meter conditions top the news this week. K7SS reports
MDS>that on January 29 during the CQ WW 160 meter contest, W7XR worked
MDS>OH7MS on long path at 1428z. This was 80 minutes before local
MDS>sunrise at W7XR, and signals were strongest on a beverage antenna to
MDS>the west. K7SS thought that this was the first 160 meter long path
MDS>contact to Europe from North America, but it now appears that N6SS
MDS>beat this record by 20 minutes, when he worked OH7MS at 1408z. With
MDS>W7XR and K7SS in Washington State, and N6SS in Arizona, N6SS worked
MDS>OH7MS 6 minutes before local sunrise and W7XR worked him 80 minutes
MDS>before his local sunrise. Congratulations to all.

MDS>Comments to the author of this bulletin can be sent via packet to
MDS>KT7H N7DUO.WA.US or via internet to tadssc.com.

MDS>Solar flux last week was unchanged from the week prior. Conditions
MDS>were unstable on the 11th through the 14th, with many periods of K
MDS>indices at 5 or 6. The A index peaked at 33 on the 13th.

MDS>Solar flux should peak around 96 on the 19th, then head back to the
MDS>mid eighties region. Active geomagnetic conditions due to recurring

MDS>coronal holes are expected to begin again around February 26, and
MDS>gradually increase through mid-March.

MDS>Sunspot Numbers for February 9 through 15 were 24, 38, 23, 24, 26,
MDS>36 and 36, with a mean of 29.6. 10.7 cm flux was 83.7, 81.5, 81.1,
MDS>81.1, 85.7, 82.4 and 84.9, with a mean of 82.9.

MDS>The path projection for this week is from Hawaii and Anchorage,
MDS>Alaska to Macao.

MDS> From Anchorage, 80 meters looks good from 1045 to 1900z, and 40
MDS>meters from 0930 to 2030. 30 meters should be good around 1900 to
MDS>2000 and again from 2200 to 2300 and around 0800. Check 20 meters
MDS>from 2230 to 0230, and 17 meters from 2300 to 0300. 15 meters may
MDS>be open on some days from 2300 to 0230.

MDS> From Hawaii, 80 meters looks like a good bet from 1030 to 1730z, and
MDS>40 meters from 0900 to 1830. 30 meters looks good from 0800 to
MDS>1930, and 20 meters from 2230 to 2330 and 0400 to 1430. Strongest
MDS>20 meter signals should be between 0900 and 1300. 17 meters should
MDS>be open from 2230 to 0700, and 15 meters from 2300 to 0630. 10 and
MDS>12 meters look quite good over this path, with 10 meters open from
MDS>2330 to 0500, and 12 meters opening 30 minutes earlier and closing
MDS>about an hour later.
MDS>NNNN
MDS>/EX

MDS>------------------------------

MDS>Date: 17 Feb 1995 21:59:42 -0500
MDS>From: danielm949@aol.com (DanielM949)
MDS>Subject: Chat from pc to Ham radio via code?

MDS>My friend is an amatuer radio operator, I am a pc person. We were
MDS>wondering if there is a frequency for ham operators that they can
MDS>transmitt morse code on to a certain repeater. At the repeater it would
MDS>then decode the morse code into a text format and be able to send it back
MDS>out to a receiver on the Internet?

MDS>------------------------------
>>> Continued to next message

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

2244. Returned mail: Servic 2/2

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 11:39:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6535.545@acenet.com>
Source record: 251884

>>> Continued from previous message
MDS>Date: 17 Feb 1995 23:26:28 GMT
MDS>From: scotte@ccs.neu.edu (Scott Ehrlich)
MDS>Subject: Ham Web Pages?

MDS>In article <3hoocd$pum@nexus.polaris.net>,
MDS>Jeffrey M. Valley <valleyj@polaris.net> wrote:
MDS>>Good day to all. I'm in the process of making my own web page and I

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

2245. Re: Filth and Elmers

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 11:39:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6533.545@acenet.com>
Source record: 251885

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DAVE VAN DE KERK intones:

DVDK>I normally don't post, but having just seen these two messages
DVDK>following one another, I felt I had to speak.

DVDK>The first message was yet another personal attack against Jeff Angus,

Yet another attack? HE is the one who always provokes this stuff
Dave. You obviously learned well from Jeff! Get a life!

DVDK>You have seen Jeff's angry postings against certain parties who constantly
DVDK>bait with attacks on the no code techs.

Actually no, we have seen Jeff attack ANYONE who he converses with!

While I find Jeff's momentary
DVDK>lapse into obscene language as unacceptable as anybody else, I know someth
DVDK>about Mr. Angus that you don't. You see, Jeff is *MY* Elmer.

So does that somehow give him the right to be rude and use filthy
language whenever he wants to get attention?

Jeff is the
DVDK>who answered my 10:00 at night questions about antenna grounds. He gave
DVDK>me my power supply. Etc. Etc. Etc.

Commendable. I hope that you didn't pick up the heavy weight of his bad
habits along with that power supply though!

DVDK>Jeff really cares about amateur radio and helping other people,
DVDK>and I am sick of seeing the attacks against him.

I hope you feel better soon.

DVDK>If you want high standards to be maintained, if you want amateur
DVDK>radio to be changed, please do so by EXAMPLE.

Now you start to lecture everyone on how to maintain standards that
you and Jeff appear to know nothing about.

DVDK>I challenge all of you who have been flaming Jeff Angus to join
DVDK>the Elmer's list. Put up or shut up, please.

"Put up or shut up" - Is that your "EXAMPLE" of how to be polite and
not flame others? Feh!

As for me, I will
DVDK>merely quietly teach a class through my religious denomination on
DVDK>how to pass the no code tech license for members who want to start
DVDK>an earthquake emergency net.

DVDK> KE6GXD

Seriously though Dave, I applaud what you are trying to do, and
I expect that there is a better side to Jeff A. when his blood
pressure is not pumped up on Adrenaline here.

I don't read his messages any more.

All the best - BC

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

2246. Re: Your Filth and Elmer

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 11:39:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6536.545@acenet.com>
Source record: 251886

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DO>Jeff Angus is a fine man. All of you who flamed him eat poop.

Maybe we were all mistaken, but we were going by the impression HE
created by his own behavior. The fact that several folks did not
appreciate his nastiness and choice of French, indicates that
his behavior is not acceptable in polite company.

If he is such a fine man, maybe you can persuade him to DEMONSTRATE
this by behaving like a fine man?!

DO>All of you who flamed him eat poop.

I guess you are showing us what a "fine man" you are too!
By the way, my dad can beat up your dad and Jeff's dad,
so there! Nya-nya-nya-nya-nya-nya!

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

2247. Re: Yippee! 4 days!...Ugh.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 11:59:24 UTC
From: walt@waltd.demon.co.uk
Message-ID: <793281564snz@waltd.demon.co.uk>
Source record: 251887
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <D43Kt0.LAF@ranger.daytonoh.ncr.com>
greg.n.smith@daytonoh.attgis.com "Greg Smith" writes:

> Ugh! My new callsign is what?!
>
> KB8WUS?!

Ha ha! Well a friend of mine was issued with HIS new callsign 33 years
ago. It was, and still is, "G3POX"! He did not ask for it to be changed,
and in fact says he wouldn't change it if you _paid_ him. He claims,
quite rightly, that at least no-one ever forgets his callsign!!

By the way, more recently, there have been callsigns issued such as
G0OFY, G0PIG, G7PIG, GM7OAF ..... but sadly no G0NAD. Hi Hi!
73,
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

2248. AGC audio preamp

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 12:32:21 UTC
From: slg@rfc.COMm.harris.COM
Message-ID: <Pine.A32.3.90.950220072418.146936A-100000@fep01.rfc.comm.harris.com>
Source record: 251888

I built the AGC audio preamp circuit described on page 58 of the 2/95 QST. Has anyone else gotten this circuit to work yet?

I built it using the PCB from FAR Circuits. The circuit BADLY distorts the audio. By checking the circuit with a scope, I determined that the audio signal is clean on pin 3 of the 741 op amp, but that the signal is distorted on pins 6 and 2. The distorted signal has a "shark fin" look to it--the waveform comes up from 0 volts like a normal sine wave, but then drops off suddenly. The signal is NOT clipping off the top of the wave.

If anyone else has experienced this problem, or can suggest a solution, I'd appreciate it!

TNX in advance, Steve KB2PWM

2249. Help With Motorola DLP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 14:22:09 UTC
From: hanebuth@eden.rutgers.edu
Message-ID: <3ia8ih$ctn@er7.rutgers.edu>
Source record: 251906
Cross-posted to: rec.radio.scanner,sci.electronics,rec.radio.amateur.misc

A friend was reporgramming my Motorola P200 (As an authorized tech of course)
As we were moving frequencies around we can accross a DLP ???. When I got
home to check and see if the other radio worked it didn't. Then I looked
at the freq. printout from the computer and it said the DPL was set
to none.

My question: Is there a way to find the missing DPL without getting a
cord for the P100 (Still Working on DLP). And what does ??? mean in
the DPL world?

Thanks
-Stu

--
* Stuart Hanebuth * Men Stumble over the truth from time *
* hanebuth@eden.rutgers.edu * to time, but most pick themselves up *
* (908) 932-8319 Rutgers University * and hurry off as if nothing happened *
* (908) 745-7685 New Jersey Local * KB0QXR * -Sir Winston Churchill *

2250. Re: BAYCOM - current version???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 15:50:38 UTC
From: bat@gdstech.grumman.com
Message-ID: <1995Feb20.155038.27338@gdstech.grumman.com>
Source record: 251889

In article <3hvvdt$a4h@newshost.lanl.gov> jdevenport@lanl.gov (Jim Devenport) writes:
>In article <7759-270293501@mcube.com>, unique@mcube.com says:
>>IT>1) What is the current MS-DOS version?
>>IT>73 de VE7TMA
>> The current baycom version is 1.4 unless you can understand German and
>>you will find a later version that operates in English but is written in
>>German.
><snip>
>Actually there is a later version than 1.4.... it is 1.5 and even that is
>now several years old. 1.5 has a little more online help but on most
>PC's I try it on it seems to occasionally lock up the system which NEVER
>happens running 1.4. So I still run 1.4 though I have 1.5 too. Tell me
>an FTP site you can access and I'll FTP to you whichever one you want.
>
> Jim Devenport WB5AOX
>".... The Christian Principle has not been tried and found wanting......
> It has just not been TRIED."

Actually, ver 1.6 has been available for a few months. I
bought it from PacComm in Florida. Works great. And,
I had lockups with 1.4 that didnt happen with 1.5. So,
maybe we have RF getting into the PC, which frequently
locksup Baycoms when the antenna is near the computer.

2251. Re: Hello!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 17:01:35 UTC
From: mikech@hysteria.bri.hp.com
Message-ID: <D4B5yn.1pz@bri.hp.com>
Source record: 251891

If you're already licenced (IK8AHG or K8AHG ?) can't you simply use your own callsign as would a holiday visitor?

Have you written to the ARRL or RSGB for suggestions?

Mike.....G0UGR

2252. The legacy of the no-code tech license

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 17:11:53 UTC
From: jangus@skyld.grendel.com
Message-ID: <793300313snx@skyld.grendel.com>
Source record: 251896

In article <sf378ef5.018@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM writes:

> BTW, I don't hear any "no-code" technicians on HF. If we are wrecking
> amateur radio as the gentleman claims, why are parts of the HF band
> sewers without us?

Snipped from over on the tcp-digest
Funny, it doesn't say no-code or even technician. It says GENERAL.

Date: Sun, 19 Feb 1995 01:08:39 -0800 (PST)
From: California Wireless Incorporated <cwi@rahul.net>
Subject: Kevin Mitnick, N6NHG

Yes, this is the one-and-the-same Internet Cracker who allegedly stole 20,000
credit card numbers from Netcom, cracked the WELL, and got security expert
Tsutomu Shimomura ticked (which was his downfall). The feds grabbed Mitnick
in Raleigh on 15 Feb 95.

Call-Sign: N6NHG Class: GENERAL
Real Name: KEVIN D MITNICK Birthday: AUG 6, 1963
Mailing Address: 14744 LEADWELL ST, VAN NUYS, CA 91405
Valid From: DEC 12, 1989 To: DEC 12, 1999

I think this disproves once and for all Wayne Green's assertion that all
whackos have extra class licenses! (Now, of course, since he has a General
ticket, he had to do 13 wpm CW, so maybe that's the reason....)

-Mike K3MC

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

2253. Ham Web Pages?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 17:21:00 UTC
From: greg.pool@nitelog.com
Message-ID: <8A3E26D.083300692E.uuout@nitelog.com>
Source record: 251897

JMV> Good day to all. I'm in the process of making my own web page and I
JMV> wonder if anyone has or can point me to some good WWW pages dealing with
JMV> or containing topics on Amateur Radio? Mail would be great but, I'll
JMV> check the group also. Thanks, in advance, for your time!

JMV> 73 de KE4AUT
JMV> Jeffrey
JMV> --
JMV> Jeffrey M. Valley
JMV> valleyj@romulus.housing.fsu.edu
JMV> valleyj@polaris.net

We're kinda partial, Jeffrey, but you might give a shot at the home page
of the Naval Postgraduate School ARC in Monterey, put forth by Steve
N7HPR and myself:

http://www.sp.nps.navy.mil/npsarc/k6ly.html

Let us know what you think!

Aloha+73 de Greg WH6DT@AMSAT.ORG

2254. Re: Yippee! 4 days!...Ugh.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 17:42:54 UTC
From: coolidge@zk3.dec.com
Message-ID: <3iakau$esq@jac.zko.dec.com>
Source record: 251899
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

--

Newly-minted KB8WUS complained:

Greg Smith (greg.n.smith@daytonoh.attgis.com) wrote:
: Yippee! I just got my FCC callsign. In only four days!

: Ugh! My new callsign is what?!

: KB8WUS?!

: What the hell did I do in a previous life to derserve a lame callsign like
: KB8WUS?

: Any suggestions? I really am not looking forward to the comments I'll get
: after ID. Can I have my call changed? How long does it take? What forms do
: I need?

: Greg Smith
: AT&T Global Information Solutions
: greg.n.smith@daytonoh.attgis.com

To which, I reply: The answer is to UPGRADE - FAST! Then you can go
after an equally lucious 2x2 call. (What are you complaining about,
anyway? You act as though you were stuck with a bunch of Q's, Y's and
other long letters in your call. Just say King Burger Ate Whoppers
Under Stress, and we'll all know you imbibed too many 807's :-))

Bayard R. Coolidge N1HO FN43ig DISCLAIMER: The opinions expressed are
Digital Equipment Corp. solely those of the author, and not
Nashua, New Hampshire, USA those of Digital Equipment Corporation
coolidge@zk3.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.

2255. FT470 Cross band repeat?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 18:00:25 UTC
From: rps@cray.com
Message-ID: <1995Feb20.120026.11155@walter.cray.com>
Source record: 251900
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi,

I hear that the Yeasu FT470 can be used for cross band repeat.
Does anyone know how to do this?

Thanks!

Russ - N0MRR - rps@cray.com

2256. Still looking for suggestions on FT-ONE

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 18:54:03 UTC
From: uiahmed@uxa.ecn.bgu.edu
Message-ID: <3iaogb$5r0@news.ecn.bgu.edu>
Source record: 251903

I recently bought a Yeasu's FT-ONE with all accessories and filters installed. I have not seen any discussion or mods about this radio on the group. Have any one used this rig before? Any comments about its receiver and transmitter as well as modulation.

73

Ahmed

2257. MA (marlboro) area radio classes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 19:01:36 UTC
From: hmm@netcom.com
Message-ID: <hmm-2002951401360001@192.0.2.1>
Source record: 251905

Just wanted to let everyone know about a flyer I picked up...

Its for Amatuer radio classes in the Marlboro, MA area.

Saturday Mornings from 9AM to Noon starting Feb 25 through May 13 1995.

At the Marlboro Boys and girls club (169 pleasant street, Marlboro, MA)

Free class - Novice, Technician, and 5wpm code.

Call Ned Fenstermatcher W1HGU (508)485-4472 or
Pam Chilton KA1ZLO (508)481-0038

(Contact before 10PM PLEASE)

If you miss this class, call and ask when another one is anyway..

| Scott Szretter - EMAIL:hmm@netcom.com |
| BBS: 508-655-8927 - InfoLink: 5:18:1 - Fidonet: 1:333/927 |
| AOL: ScottSzr - ftp: ftp.netcom.com /pub/hm/hmm |
| WWW: ftp://ftp.netcom.com/pub/hm/hmm/www/homepage.html |

2258. What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 21:07:56 UTC
From: gardner@physics.ubc.ca
Message-ID: <3ib0bc$pp3@nnrp.ucs.ubc.ca>
Source record: 251907

M. Gardner

2259. Re: Kenwood 830 question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 21:25:07 UTC
From: csle87@email.mot.com
Message-ID: <csle87-200295162507@145.39.1.10>
Source record: 251908

In article <3hu16e$9up@news.ualr.edu>, gdm@fermi.ualr.edu (Doug Mauldin)
wrote:

> Our ham club at school was given a Kenwood TS-830S transceiver.
> I haven't seen it, but apparently the tubes had been pulled and there
> is no documentation. As the resident old-timer, I was asked what
> kind of tubes they would have been, but I haven't the foggiest, having never
> seen inside one of these rigs (I was always a Drake man.)
> With the old Drake tube rigs, the brand of tube in the final stage
> was significant due to variation in interelectrode capacitance
> in 6JB6 sweep tubes among different manufacturers. Changing
> to a different brand required re-neutralizing the final.
> Is this a factor in 830s? About tube type numbers: I think
> they said the finals were 6146B's, but the driver type was unknown.
> Any help?
>
> 73,
> Doug K5DH
>
> --
> ==
> Doug Mauldin University of Arkansas at Little Rock
> gdmauldin@ualr.edu Department of Applied Science
>
> Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
> ==

Sweep tube or "real" radio power tube, you should neutralize any power amp
that has to cover a five octave frequency range. Finals in the 830 (and
530) are 6146B, and I recommend that you buy a matched pair if possible.

--

Karl Beckman, P.E. < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
The opinions expressed are mine if you agree with them. If not, who cares?

2260. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 22:34:39 UTC
From: joen9yjz@aol.com
Message-ID: <3ib5dv$nsj@newsbf02.news.aol.com>
Source record: 251910

dianett@ibm.net wrote:
: >Douglas213 <douglas213@aol.com> wrote:
: >>Us Xer's don't need no stupid code. The sooner you oldtimers die and
turn
: >>to dust, the sooner we can run the bands the way they should be ran!
Gen.
: >>X Rules!
: >

: It's obvious from your enlightened reply, that you "don't need no"
grammar
: in order to communicate. Thats OK, cavemen got along just fine for a
million
: or so years in this way.

: Your attitude is the reason why some of us "old-timers" have a certain
distaste
: for the idea of the no-code license. Thats OK, also, as I will just
hang out on
: my favorite CW band, tighten my filter up a bit, and "dittyditty" my few

: remaining years away.

: By the way, I'm only in my 30's, and I plan to "ditty ditty" for a long
time to
: come.

: Ten Four, Good Buddy. Enjoy 2 meters!

"For those who understand, no explanation is needed...for those who don't,
no explanation is possible."
CW is not only a tradition, but a very reliable form of communications
that all radio amateurs should have the ability to use properly, and most
importantly, be required to learn. Even for those who don't use the code,
there still needs to be a "filter" to seperate the sludge of the radio
operators from the truly dedicated and proper ones.
Right now, I'm just waiting until the 26th of Feb. so I can go pass my
General and Advanced test and get out of the highly improper and populated
"world above 50mhz." I've got a Tech + license, but right now 10m is dead
and I'm looking for some better contacts on HF. I'm also just sick and
tired of the "no-codes" complaining about their wants for "codeless" HF
access, or their patronizing of 2m operators that are Extra and Advanced
classes. 73's! Long Live CW

DE -. ----. -.-- .--- --..

Joe, N9YJZ Brookfield, WI 53005
joen9yjz@aol.com, Team OS/2

2261. Re: Mobile installation: why 2 fuses?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 22:41:52 UTC
From: knappsm@crablegs.cig.mot.com
Message-ID: <3ib5rg$p58@delphinium.cig.mot.com>
Source record: 251911

In article <3hqs8q$nc4@news.cc.utah.edu>,
Vince Hadley <vhadley@ee.utah.edu> wrote:
>gfiber@halcyon.com (Gary P. Fiber) wrote:
>>In article <3h0ckk$i74@crcnis3.unl.edu>, gbrown@unlinfo.unl.edu (gregory brown) says:
>>>
>>>Gary P. Fiber (gfiber@halcyon.com) wrote:
>>>: As for fire, the fuse does not do much good at the radio end. A good
>>>: installiation will have a big fuse right at the battery in the event the
>>>: positive radio lead gets groinded.
>>> ^^^^^^^^
>>>
>>>This is a very informative discussion, and I don't want to side track
>>>it with humor, but the above sounds like it could be awfully painful!
>>>Think I'll quit laying my microphone in my lap while driving...
>>>
>>>Greg
>>>
>>Greg,
>>
>>It appears not to have come out the way I ment it to. I always place a 60 amp fuse
>>right at the attach point to the battery of the radio positive lead. I also
>>leave the regular radio fuses intact. So the positive lead itself is fused with a
>>60 amp fuse in the event it gets grounded to the vehicle body. Most
>>automobile batteries can supply up to 400 amps of current at any time.
>>This can weld two pieces of metal together or start a nice fire in the auto.
>>The radio is still fused by the correct size of fuse the manufacturer requires.
>>
>>Gary
>
>Might I add something from personal experience...about electrical shorts and car fires.
> I have worked in an automotive garage for a number of years. Its a family
>business we've had since 1931. We are one of the _very_ few in town who actually
>rebuild cars that have had electrical fires. Over the years we have seen alot of
>burn jobs. Cars are some of the most flamable things around and when they get
>going- you can be in real trouble. Your only hope, is to remove the battery cable
>before it's too late...sometimes only on the order of seconds..not minutes if you have
>a serious short. Cars don't blow up like you see on the movies, but we've occasionally
>had vehicles in the past that nearly could have- considering how fast things went up.
>Example: One customer of ours was driving along the interstate when he noticed some smoke
>coming out from under the dash. He had just enough time to pull over and stop. He
>immediately got out of the pickup truck. He hardly even had time to grab his coat. The
>whole vehicle burnt down to the ground. The only thing that didn't have all of the paint
>burn off was tail gate- no joke. Even the tires were melted away.
>

>It's not cool to fool around with electrical shorts...the fuse and fuse holder or even
>a fusible link (a fusible peice of wire-which is often a good alternative) are relatively
>inexpensive fire insurance.

Not to add more fuel to the fire (da-dump-dump)...

Chrysler recomends only fusing the positive lead when installing radio
equipment into one of their cars/trucks. Their reasoning is that if
the negative fuse blows the radio will stay on using another path to
ground (antenna cable most likely) which was not designed to handle
the current possibly creating a fire. They did say to fuse the
positive lead AT the battery.

This makes sence to me but so does fusing both leads....
If it is unsafe why would the manufacturer recomend it?

Steve
--

Steven M. Knapp Motorola Inc, CIG
Phone: (708)632-7515 1501 W Shure Dr. IL27-3209
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

2262. need help

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 22:42:23 UTC
From: techman@ace.com
Message-ID: <2267.UUL1.3#25274@ace.com>
Source record: 251912

Hi,
I need help,when i have my computer on which is a Tandy 1000sl my 2m handheld has alot of noise comes over it,also the fm wireless intercom that i have also gets noise on it.I would like to find out is there anything i can do for this,one other thing.Iwould also like to know can i use the Tandy 1000sl for packet radio and if so how hard is it to hook up.Thanks in advance.

****
* *
* BOB BRUNDIGE *
*E-MAIL {techman@ace.com} *
AMATEUR CALL (N1UAN) *
****

2263. commercial radio operator exams

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 22:42:45 UTC
From: rjhalpri@nyx.cs.du.edu
Message-ID: <3ib5t5$6m9@nyx.cs.du.edu>
Source record: 251913

The Hartford (CT) Test Center of National Radio Examiners
is in the process of setting up exam schedules for the
winter/spring season. Commercial radio operator testing
will be conducted as often as interest warrants.
Testing is available for the various commercial radio
operator licenses and endorsements such as the
General Radiotelephone Operator License (GROL),
Radiotelegraph Operators licenses, GMDSS Radio
Operator and Radio Maintainer, and the Ship Radar
Endorsement. Those interested in taking commercial
exams in the Hartford area can contact me via email
at halprinr@ccsu.ctstateu.edu or leave your
name and phone number on the test center voice mail
at 203-722-2358 for further details. Thanks/73.
Robert Halprin (K1XA), Mgr., Hartford Test Center/NRE

2264. Re: HELP with CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 23:37:43 UTC
From: rogsc@ibm.net
Message-ID: <3ib947$27q8@news-s01.ny.us.ibm.net>
Source record: 251914

In <3i4rjj$l92@homer.alpha.net>, dfleming@earth.execpc.com (Dan Fleming) writes:
>I recently passed the shusssss.....no code tech test. (don't flame me yet)
>
>I want to advance ASAP and was wondering just what the best way to learn
>code is. >I want my General as soon as I can....
>
>Thanks
>
>(no call yet, still waiting...still waiting...still waiting...)
>
Congrats on passing the test, and welcome to the hobby! The no-code
license is rejuvinating the hobby by bringing in lots of new blood and fb
ops. Many are upgrading.

In my opinion, the best way to go about learning the code is as follows:

1) get practice tapes which will get you up to maybe 7 WPM or so.
2) Get the 5 WPM certification so that you can work CW on the air.
3) Take the plunge, buy a rig, get on the air. In about 3 weeks, at one
qso per evening, you will be at 13 WPM with no problem. You are
then ready to take your general. After that, you
can increase to 20 WPM, if that interests you, with little trouble.

On the air QSOs are a HUNDRED times easier, as a means of learning CW,
than code tapes. And a heckuva lot more fun than code tapes! you might
even catch some DX on the 40 meter novice cw band.

The alternatives to the above are to either buy code tapes which will take
you all the way to 13 WPM, or go to classes. Some radio clubs hold classes
for free. I would DEFINITELY not pay for cw classes. CW is one thing that
you have to learn on your own. (Or with other ops via on the air
conversations (qsos).

Good luck!

Roger J. Buffington
AB6WR
rogsc@ibm.net
1L, University of Southern California Law Center
Go Trojans!

2265. What's a good HF transceiver to buy?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-20 23:44:07 UTC
From: jliu@pender.ee.upenn.edu
Message-ID: <3ib9g7$594@netnews.upenn.edu>
Source record: 251915
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

I'm thinking about spending a few bucks on a HF transceiver, probably either the Kenwood TS440 or TS850. I can't really decide which is better, so I was hoping if anyone had a recommendation? Is the TS950 worth the $$$$? What about Yaesu?

Any help is much appreciated.

73,

John

2266. Kevin Mitnick, N6NHG

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 01:37:16 UTC
From: dave@eram.esi.com.au
Message-ID: <3ibg4c$q0s@eram.esi.com.au>
Source record: 251916

Amazing what you find over in the TCP-GROUP mailing list...

Date: Sun, 19 Feb 1995 01:08:39 -0800 (PST)
Subject: Kevin Mitnick, N6NHG
From: California Wireless Incorporated <cwi@rahul.net>
To: tcp-group@UCSD.EDU

Yes, this is the one-and-the-same Internet Cracker who allegedly stole 20,000
credit card numbers from Netcom, cracked the WELL, and got security expert
Tsutomu Shimomura ticked (which was his downfall). The feds grabbed Mitnick
in Raleigh on 15 Feb 95.

Call-Sign: N6NHG Class: GENERAL
Real Name: KEVIN D MITNICK Birthday: AUG 6, 1963
Mailing Address: 14744 LEADWELL ST, VAN NUYS, CA 91405
Valid From: DEC 12, 1989 To: DEC 12, 1999

I think this disproves once and for all Wayne Green's assertion that all
whackos have extra class licenses! (Now, of course, since he has a General
ticket, he had to do 13 wpm CW, so maybe that's the reason....)

-Mike K3MC

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2267. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 02:36:21 UTC
From: jimn2ete@aol.com
Message-ID: <3ibjj5$rqh@newsbf02.news.aol.com>
Source record: 251917

One of the intentions of the no-code license was to show people that there is much more to ham radio than 2 meter FM and repeaters. Some of the old time hams have good reason to beef about the no code license.
The whole concept of ham radio was devised under morse code. Yes, it is very
antiquated with all the high speed digital communications around us. Yes, the
celluar phone is much more convienient. BUT!! in an emergency situation, when all of the high technology is rendered inoperable or destroyed, either by enemy forces or by nature itself. That
$1000 computer and that $1,000,000+ satellite is nothing compared to a straight
key and an HF rig and running good old CW to get the message across. I hope that you do indeed go to learn CW and I wish you lots of luck!!

Jim N2ETE

2268. Test Message

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 03:43:00 UTC
From: donald.davis@moondog.com
Message-ID: <8A3E553.04B3001D54.uuout@moondog.com>
Source record: 251918

Hello Elaine and Charles. I hope this reaches you. Return address
should appear in header. If not it's

DonaldDavis@Moondog.com

Talk to you guys soon

* CMPQwk 1.42-20 9206 *It is easier to be critical than to be correct.

2269. Re: VHF-FM uTrans Schematics?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 04:38:00 UTC
From: jlundgre@news.kn.PacBell.COM
Message-ID: <3ibqn8$iiu@ohlone.kn.pacbell.com>
Source record: 251926
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.scanner,sci.electronics

Try dg-rtp.dg.com /FM-10 directory. Hang out on the alt.radio.pirate
newsgroup for more info and FTP sites.

Jon Badger (jbadger@poplar110.cray.com) wrote:

: Would anyone happen to have a schematic for a low power VHF-FM micro
: transmitter? (Or know of a web/ftp site where I could find one?)

: Thanks-in-advance.

: --
: _/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
: _/ _/ _/ _/_/ _/ CRAY Research, Inc.
: _/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
: _/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

--
==========
John Lundgren - Elec Tech - Info Tech Svcs	Standard
Rancho Santiago Community College District	disclaim-
17th St. at Bristol \ Santa Ana, CA 92706	ers apply.
jlundgre@pop.rancho.cc.ca.us\jlundgre@kn.pacbell.com	
"He who toys with the most dies, wins."- Dr Kevorkian?	
==========

2270. Re: Your Filth and Elmer's List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 04:45:33 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3ibr5d$7517@blue.weeg.uiowa.edu>
Source record: 251919

douglas213@aol.com (Douglas213) writes:

>Jeff Angus is a fine man. All of you who flamed him eat poop.

Good. I will read his posts to this group to see what a fine
man he is.

NE0R

2271. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 04:57:03 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3ibrqv$7me2@blue.weeg.uiowa.edu>
Source record: 251920

andyneal@ocf.berkeley.edu (andyneal@ocf.berkeley.edu) writes:

>>"1935 will go down in history. For the first time, a civilized nation has
>>full gun registration. Our streets will be safer, our police more efficient,
>>and the world will follow our lead into the future." - Adolf Hitler

>The fact that Mr. Angus is quoting Adolf Hitler in the context that Hitler
>was some kind of saviour of civil rights is, at best completely misleading
>and untrue, and at worst no less than pure, unadulterated evil. Holocaust
>revisionism is the true "filth," and I find this quote FAR more offensive
>than any four-letter words Mr. Angus may have written.

Look again, Angus is quoting Hitler in the context that Hitler
is the enemy of civil rights.

NE0R

2272. ====Need a working 144 Mhz Radio HT====

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 05:14:48 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950220221203.11183A-100000@rodeo.uwyo.edu>
Source record: 251921

I recently passed a no code Tech liscense. If anyone has got a
good working radio, I would be interested to buy one. Please send the
model and the price offer.
Thank you in advance.

Sincerely,
Bishwa Shrestha

2273. Atten - Rptr System Sysops.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 05:20:51 UTC
From: orv@micom.com
Message-ID: <1995Feb21.052051.5948@micom.com>
Source record: 251778

If you run a a large open repeater system in any of
the following areas, I have a repeater linking offer
you can't refuse :-) . If you're interested, drop
me a line for details:

Chicago
St. Louis
Denver
Atlanta
Boston
Redmond, WA

73 - Orv - WB6WEY

****
| Orville Beach Micom Communications Corp. |
| Internet: orv@micom.com Voice: (805) 583-8600 |
****

2274. Re: Repeater Directory on

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 05:23:34 UTC
From: rickmcm@delphi.com
Message-ID: <9502210026591.The_Win-D.rickmcm@delphi.com>
Source record: 251922

In article <93.24434.7585.0NFB9408@woodybbs.com>, tom.hammond@woodybbs.com (Tom Hammond) writes: > JL>Interesting! Well, IMO the organization of the Repeater Directory > >has good and bad points. For the mobile operator, it's handy to > >know that a given repeater covers such and such area, but I'd rather > >know the geographic location of the machine.

>
> The organization is up to the state frequency coordinator. Some
> coordinators choose to arrange their listings by frequency, others, by
> city, still others by geographic area. It often depends upon who
> complains the loudest... and most complainers are the mobile ops who
> generally want listings by coverage.
>
> 73 - Tom Hammond N0SS
> * LAKOTA v1.4
> --- Alexi/Mail 2.02b (#83)
> * Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)
>

A few years ago the ARRL Repeater Directory was printed using the information sent in by each repeater trustee. I don't know why they changed (I can imagine though), but they now publish the directory using information sent to them by the state/local
coordinating agency. Here in Northern California, the repeater information database is kept by each frequency/repeater coordinator. If you want your repeater listed in the ARRL directory, then you better keep your local coordinator updated.

Some repeater owners list their repeaters by mountain/hill top, and others list their repeaters by area covered. Our local coordinating agency has a place on the
coordination sheet for the owner to put the way he wants his repeater listed. He
has the choice of either exact location, or area covered. Some repeater owners, for security reasons, do not want the exact location of their repeaters listed. There
has been instances here of ham repeaters being surgically removed (stolen) from commercial repeater vaults.

My open UHF repeater on 441.350 is listed in the ARRL directory as a "Merced" repeater. It covers Merced and the surrounding areas quite nicely. I also happen to live and work in the Merced area. If I listed it as a Mt. Bullion repeater, then those who were looking through the repeater directory for a repeater that covered the Merced area would have no idea what the repeater coverage area would be. I think it is best that they are listed by area

covered, rather than the mountain top that they are located on.

By the way, the repeater coordinating agency for Northern California, NARCC, sells their own repeater directory. If you want to publish a repeater directory on CD ROM, you can contact them to purchase their directory. It is the most up to date listing of Northern California repeaters available.

73, Rick, WB7UGZ

2275. Help With Motorola DLP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 05:23:45 UTC
From: rickmcm@delphi.com
Message-ID: <9502210026592.The_Win-D.rickmcm@delphi.com>
Source record: 251923

In article <3ia8ih$ctn@er7.rutgers.edu>, hanebuth@eden.rutgers.edu (Chief Stuart Hanebuth) writes: > A friend was reporgramming my Motorola P200 (As an authorized tech of course) > As we were moving frequencies around we can accross a DLP ???. When I got > home to check and see if the other radio worked it didn't. Then I looked
> at the freq. printout from the computer and it said the DPL was set
> to none.
>
> My question: Is there a way to find the missing DPL without getting a
> cord for the P100 (Still Working on DLP). And what does ??? mean in
> the DPL world?
>
>
> Thanks
> -Stu
>

Your message is a little confusing.

First off, if your friend was an "authorized tech" for Motorola, he would certainly know what DPL is and how it works.

You mention DPL and DLP in your message several times. I assume that you are talking about DPL. DPL stands for Digital Private Line. It works the same way as PL or CTCSS (continuous tone coded squelch system) works. However, instead, the radios involved either send or receive a subaudible digital data stream instead of an analog subaudible tone as in PL or Private Line or CTCSS.

The above is assuming that you know about PL/CTCSS.

73, Rick, WB7UGZ

2276. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 05:40:58 UTC
From: joel@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3ibuda$oki@anshar.shadow.net>
Source record: 251924

I would just like to add this comment to my earlier statement regarding this question: for voice xmission, FM requires roughly 2.5 times the bandwidth of a comperable AM signal. It might not seem that way, but an FM voice xmission deviating plus or minus 5 khz, ideally needs a channel spacing of 25khz whereas for AM voice, a 10khz spacing works finely.

--

Joel M. Wilson, AI4I
Miami, FL

2277. Re: Once again, the League shafts Hams (Was: Vanity call sign or

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 05:44:17 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3ibujh$5lb@mozo.cc.purdue.edu>
Source record: 251925

In article <pizbcFM.darutter@delphi.com>,
David Rutter <darutter@delphi.com> wrote:
>Good point Mike.
>
>I hadn't thought of the point that a no-code tech could obtain a 1x2 call if
>they had a relative that "owned' the call previously. I agree, once again
>the ARRL had lobbied to protect the interests of those in Newington by
>stating that they represent those thousands of subscribers to QST.

Unfortunately the previous articles aren't available on this
server....

The March QST implies that license holders *must* have a high enough
license class to get the desired call sign.

"...the FCC is implementing a new system that is expected to be
subject to the license class limitations of the current call sign
assignment groups and policy.." Mar 95 QST, p 98.

Subsequent examples do not include the possiblity of anyone other than
a Amateur Extra license holder getting a 1x2 call, even if a ham was
applying for a deceased relative's call. A club may, with permission,
get a deceased member's call regardless of group, otherwise they will
get a 2x3 call.

It seems the ARRL was asking for the groups to continue to indicate
class of license holder. However, the word "expected" is scattered
all through the article, and the FCC could do otherwise. Somehow I
don't see the FCC giving a flying **** whether a General gets a 1x2
call.

Of course, something else may have come up since QST went to press.
--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2278. End this HTX-404!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 07:04:05 UTC
From: ad283@rgfn.epcc.edu
Message-ID: <1995Feb21.070405.20396@rgfn.epcc.edu>
Source record: 251927

I'm the one who originaly asked the question "What's Wrong With The HTX-404?"
and I think it's time to end it. I asked one simple question, it was answered
that same day. All it ended up doing was starting a large fight.

And for those of you who originaly read/answered my question, I found out that
the 70cm band has about 11 repeaters here (more than 2m) so it turned out to
be a good choice. There are even some linked to the 2m band so it has turned
out alright.

So why doesn't everyone just chill out and go back to being friends, the way
Hams are SUPPOSED to be.

73,
--
David Greiner * It's My Life, And I'll Do What I want. *
ad283@rgfn.epcc.edu * It's My Mind, And I'll Think What I want. *
* *
________It's My Life -The Animals-_________

2279. Re: Hello!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 10:03:27 UTC
From: walt@waltd.demon.co.uk
Message-ID: <793361007snz@waltd.demon.co.uk>
Source record: 251779

Hi Davide!
I'm sorry, but there is no way to get a reciprocal license in Saudi Arabia at the moment. Your only hope is to get in touch with the club station HZ1AB in Dhahran. They have special licensing conditions and they sometimes allow guest operators to use the station. But I guess HZ1AB may be too far away from where you are located.

73,
--
Walt Davidson Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

2280. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 12:04:02 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEl.sony.COM
Message-ID: <9502211204.AA22765@mail1.sjc.in.sel.sony.com>
Source record: 251780

```
------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA22763; Tue, 21 Feb 95 04:04:02 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793379535; Mon, 20 Feb 95 12:31:40 EST
Date: Mon, 20 Feb 95 12:31:40 EST
From: Info-Hams@ucsd.edu
Message-Id: <9501217933.AA793379535@ccmail.nhq.sony.com>
To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V95 #141

Info-Hams Digest Mon, 20 Feb 95 Volume 95 : Issue 141

Today's Topics:
75 NET
AGC audio preamp
Filth and Elmers
FT470 Cross band repeat?
Grid location? 1/2
Grid location? 2/2
Hams & cops
Help With Motorola DLP
NOAA VHF Weather Stations question...
Repeater Directory on
Returned mail: Servic 1/2
Returned mail: Servic 2/2
Thanks to all who felt my pain. Was: Yippee! 4 days!...Ugh. (2 msgs)
```

Yippee! 4 days!...Ugh.
Your Filth and .sig historical quotes
Your Filth and Elmer

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 20 Feb 1995 06:39:00 -0500
From: brian.carling@acenet.com (Brian Carling)
Subject: 75 NET

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Don Simpson, KO4TA writes:

DS>This net meets on 3.975 mhz. , Sunday at 2100 eastern.
DS>Net commences at 19:30 and runs until......

You mean "Runs until K1MAN shows up and drives you crazy?"

:-)

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

Date: 20 Feb 95 12:32:21 GMT
From: slg@rfc.COMm.harris.COM (Steven L Goldstein)
Subject: AGC audio preamp

I built the AGC audio preamp circuit described on page 58 of the 2/95
QST. Has anyone else gotten this circuit to work yet?

I built it using the PCB from FAR Circuits. The circuit BADLY distorts
the audio. By checking the circuit with a scope, I determined that the
audio signal is clean on pin 3 of the 741 op amp, but that the signal is
distorted on pins 6 and 2. The distorted signal has a "shark fin" look to
it--the waveform comes up from 0 volts like a normal sine wave, but then
drops off suddenly. The signal is NOT clipping off the top of the wave.

If anyone else has experienced this problem, or can suggest a solution,
I'd appreciate it!

TNX in advance, Steve KB2PWM

Date: Mon, 20 Feb 1995 06:39:00 -0500
From: brian.carling@acenet.com (Brian Carling)
Subject: Filth and Elmers

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DAVE VAN DE KERK intones:

DVDK>I normally don't post, but having just seen these two messages
DVDK>following one another, I felt I had to speak.

DVDK>The first message was yet another personal attack against Jeff Angus,

Yet another attack? HE is the one who always provokes this stuff
Dave. You obviously learned well from Jeff! Get a life!

DVDK>You have seen Jeff's angry postings against certain parties who constantly
DVDK>bait with attacks on the no code techs.

Actually no, we have seen Jeff attack ANYONE who he converses with!

While I find Jeff's momentary
DVDK>lapse into obscene language as unacceptable as anybody else, I know someth
DVDK>about Mr. Angus that you don't. You see, Jeff is *MY* Elmer.

So does that somehow give him the right to be rude and use filthy
language whenever he wants to get attention?

Jeff is the
DVDK>who answered my 10:00 at night questions about antenna grounds. He gave
DVDK>me my power supply. Etc. Etc. Etc.

Commendable. I hope that you didn't pick up the heavy weight of his bad
habits along with that power supply though!

DVDK>Jeff really cares about amateur radio and helping other people,
DVDK>and I am sick of seeing the attacks against him.

I hope you feel better soon.

DVDK>If you want high standards to be maintained, if you want amateur
DVDK>radio to be changed, please do so by EXAMPLE.

Now you start to lecture everyone on how to maintain standards that
you and Jeff appear to know nothing about.

DVDK>I challenge all of you who have been flaming Jeff Angus to join
DVDK>the Elmer's list. Put up or shut up, please.

"Put up or shut up" - Is that your "EXAMPLE" of how to be polite and
not flame others? Feh!

As for me, I will
DVDK>merely quietly teach a class through my religious denomination on

DVDK>how to pass the no code tech license for members who want to start
DVDK>an earthquake emergency net.

DVDK> KE6GXD

Seriously though Dave, I applaud what you are trying to do, and
I expect that there is a better side to Jeff A. when his blood
pressure is not pumped up on Adrenaline here.

I don't read his messages any more.

All the best - BC

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

Date: 20 Feb 95 12:00:25 CST
From: rps@cray.com (Russell P. Starksen)
Subject: FT470 Cross band repeat?

Hi,

I hear that the Yeasu FT470 can be used for cross band repeat.
Does anyone know how to do this?

Thanks!

Russ - N0MRR - rps@cray.com

Date: Sat, 18 Feb 95 17:00:00 -0500
From: tom.hammond@woodybbs.com (Tom Hammond)
Subject: Grid location? 1/2

>(David Gillahan) wrote:
> I was wondering how you find out your grid location.

WA>I have three (3) such programs, all of which will run under QBasic which
>comes with MS-DOS 5.0 and above. You are welcome to all/any. I'd
>include them here, but I don't know the mail group's rules on posting
>program code. None are all that long, I don't think, but I don't want
>to run afoul of the moderator. Maybe someone will let me know and I can
>post them a bit later, if you are interested. Otherwise, I'll be happy
>to send you a diskette containing the programs, both source code AND
>compiled into stand-alone .EXE files, if you will send me your mailing
>address.

WA>N0SS de DU2BBH

WA>I too, am interested in grid locator programs. Can you please
>send the UUENCODED files or you may post it at
>rec.radio.amateur.digital.misc.

RGR... will post the SHORTEST one becaue I am ont sure I have access to rec.radio.amateur.digital.misc. I pray that the moderator of this group will not mind! I have not seen anything to indicate rules against posting BASIC source code. You must run this program under QBASIC which comes with MS-DOS 5.0 and later versions. I think that the UUENCODED .EXE file would be MUCH much long to post...

GRID_SQR.BAS follows:

```
-------------8<---------- cut here ------------->8--------
START:
CLS
COLOR 0, 7
PRINT "GRID SQUARE LOCATOR"
COLOR 7, 0
PRINT
PRINT "Which do you want to convert FROM?"
PRINT
COLOR 0, 7
PRINT "L";
COLOR 7, 0
PRINT "at/Lon ";
COLOR 0, 7
PRINT "G";
COLOR 7, 0
PRINT "rid ";
COLOR 0, 7
PRINT "Q";
COLOR 7, 0
PRINT "uit"
PRINT

RPT1:
DO
a$ = INKEY$
LOOP UNTIL LEN(a$)

SELECT CASE UCASE$(a$)
CASE "Q": END
CASE "L": GOTO LL
CASE "G": GOTO GRID
CASE ELSE: GOTO RPT1
END SELECT

LL:
CLEAR
e9 = .000001
CLS
COLOR 0, 7
PRINT "LAT/LON"
COLOR 7, 0
PRINT
PRINT "Enter SOUTH latitude and EAST longitude as NEGATIVE numbers."
```

```
PRINT
PRINT "Below, enter DEGREES and MINUTES, separated by a decimal point,"
PRINT "DO NOT enter decimal degrees!"
PRINT

INPUT "LAT (DD.MM)"; l
IF l < -90 OR l > 90 THEN
RUN
END IF

INPUT "LON (DDD.MM)"; o
IF o < -180 OR o > 180 THEN
RUN
END IF

os = SGN(o)
o = ABS(o)
ls = SGN(l)
l = ABS(l)
la = (INT(l) + (l - INT(l)) / .6) * ls
lo = (INT(o) + (o - INT(o)) / .6) * os
IF lo < 0 THEN
lo = lo + 360
END IF
w3 = 180 - lo
IF w3 < 0 THEN
w3 = w3 + 360
END IF
w1 = INT(w3 / 20 + e9)
w2 = INT((w3 - 20 * w1) / 2 + e9) + 48
w1 = w1 + 65
w3 = INT(24 * (w3 / 2 - INT(w3 / 2)) + e9) + 65
l1 = INT((la + 90) / 10 + e9)
l2 = INT(la + 90 + e9 - 10 * l1)
l3 = INT((la + 90 - 10 * l1 - l2) * 24 + e9)
l1 = l1 + 65
l2 = l2 + 48
l3 = l3 + 65

g$ = UCASE$(CHR$(w1) + CHR$(l1) + CHR$(w2) + CHR$(l2) + CHR$(w3) + CHR$(l3))

PRINT
PRINT "Grid square = "; g$
LOCATE 24, 1
PRINT "< Press a key to continue >";
DO
a$ = INKEY$
LOOP UNTIL LEN(a$)
GOTO START

GRID:
CLEAR
```

```
e9 = .000001
CLS
COLOR 0, 7
PRINT "GRID SQUARE"
COLOR 7, 0
PRINT
PRINT "Enter 2-, 4-, or 6-character grid square."
PRINT "Short ones will be optimized to center of square."
PRINT
INPUT "Grid square"; g$
g$ = UCASE$(g$)
l3 = LEN(g$)
IF l3 < 2 OR l3 > 6 THEN
RUN
END IF
SELECT CASE l3
CASE 1, 3, 5, IS > 6: RUN
CASE 2: g$ = g$ + "55LL"
CASE 4: g$ = g$ + "LL"
END SELECT
LOCATE CSRLIN - 1, 1
>>> Continued to next message
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

------------------------------

Date: Sat, 18 Feb 95 17:00:00 -0500
From: tom.hammond@woodybbs.com (Tom Hammond)
Subject: Grid location? 2/2

>>> Continued from previous message
PRINT "Grid square = "; g$; " "

RESTORE

FOR x = 1 TO 6
READ y$, z$
t$ = MID$(g$, x, 1)
IF t$ < y$ OR t$ > z$ THEN
RUN
END IF
NEXT x

DATA A,R,A,S,0,9,0,9,A,X,A,X

w1 = ASC(LEFT$(g$, 1)) - 65
w2 = ASC(MID$(g$, 3, 1)) - 48
w3 = ASC(MID$(g$, 5, 1)) - 65

lo = 180 - (20 * w1) - (2 * w2) - (w3 / 12) - (1 / 24)
IF lo < 0 THEN
```

```
lo = lo + 360
END IF
IF lo > 180 THEN
lo = lo - 360
END IF

l1 = ASC(MID$(g$, 2, 1)) - 65
l2 = ASC(MID$(g$, 4, 1)) - 48
l3 = ASC(RIGHT$(g$, 1)) - 65

la = -90 + (10 * l1) + l2 + (l3 / 24) + (1 / 48)

ls = SGN(la)
la = ABS(la)
l = (INT(la) + INT((la - INT(la)) * 60) / 100) * ls
os = SGN(lo)
lo = ABS(lo)
o = (INT(lo) + INT((lo - INT(lo)) * 60) / 100) * os

PRINT
PRINT "LAT (DD.MM) ="; l
PRINT "LON (DDD.MM) ="; o
PRINT
PRINT "(SOUTH latitude and EAST longitude shown as negative numbers.)"
LOCATE 24, 1
PRINT "< Press a key to continue >";

DO
a$ = INKEY$
LOOP UNTIL LEN(a$)
GOTO START

* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)
```

Date: Mon, 20 Feb 1995 13:59:08 GMT
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Subject: Hams & cops

An aquaintence of mine has a Toyota Supra Turbo with his antennas mounted on his spoiler. The car is black and he typically wears an Air Force flight jacket and aviator sunglasses. He has made the same observation. Cops don't pull him over because they see all the "high-tech" antennas and a guy who looks like a government employee. Maybe the cops don't want the headache of pulling over a "Fed" so they abort.

The down side: Other drivers always impede him in traffic because they think he's a cop and they all slow down to 5 under the speed limit.

Greg Smith
AT&T Global Information Solutions

greg.n.smith@daytonoh.attgis.com

Date: 20 Feb 1995 09:22:09 -0500
From: hanebuth@eden.rutgers.edu (Chief Stuart Hanebuth)
Subject: Help With Motorola DLP

A friend was reporgramming my Motorola P200 (As an authorized tech of course)
As we were moving frequencies around we can accross a DLP ???. When I got
home to check and see if the other radio worked it didn't. Then I looked
at the freq. printout from the computer and it said the DPL was set
to none.

My question: Is there a way to find the missing DPL without getting a
cord for the P100 (Still Working on DLP). And what does ??? mean in
the DPL world?

Thanks
-Stu

--
* Stuart Hanebuth * Men Stumble over the truth from time *
* hanebuth@eden.rutgers.edu * to time, but most pick themselves up *
* (908) 932-8319 Rutgers University * and hurry off as if nothing happened *
* (908) 745-7685 New Jersey Local * KB0QXR * -Sir Winston Churchill *

Date: Mon, 20 Feb 1995 10:05:51
From: kthompso@WichitaKS.HMPD.COM (Ken Thompson)
Subject: NOAA VHF Weather Stations question...

In article <3i2hmu$g0j@rs10.tcs.tulane.edu> gbelton@rs5.tcs.tulane.edu (Gerald A Belton)
writes:
>From: gbelton@rs5.tcs.tulane.edu (Gerald A Belton)
>Subject: Re: NOAA VHF Weather Stations question...
Apparently, the little buggers respond to some kind of a
>: DTSS code or CTCSS subaudible transmitted by the NWS station whenever
>: they issue a weather bulletin.

it is a very audible 1050Hz tone. Sometimes my older alter radio reacts to
one of the local announcers' voice and chirps at me.

Date: Sat, 18 Feb 95 17:04:00 -0500
From: tom.hammond@woodybbs.com (Tom Hammond)
Subject: Repeater Directory on

JL>Interesting! Well, IMO the organization of the Repeater Directory
>has good and bad points. For the mobile operator, it's handy to
>know that a given repeater covers such and such area, but I'd rather
>know the geographic location of the machine.

The organization is up to the state frequency coordinator. Some
coordinators choose to arrange their listings by frequency, others, by
city, still others by geographic area. It often depends upon who
complains the loudest... and most complainers are the mobile ops who
generally want listings by coverage.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--- Alexi/Mail 2.02b (#83)
* Origin: Distant Winds BBS * Jefferson City, Mo * [314] 635-7868 (1:289/67)

Date: Mon, 20 Feb 1995 06:39:00 -0500
From: brian.carling@acenet.com (Brian Carling)
Subject: Returned mail: Servic 1/2

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

PLEASE!!! Stop SPAMMING this Newsgroup with all of this
"Returned mail" stuff! Thanks - Brian AF4K

MDS>------- =_baaaaaaaaa
MDS>Content-Type: text/plain; charset="us-ascii"
MDS>Content-Description: Session Transcript

MDS>While talking to mail1.gw.in.sel.sony.com:
MDS>>>> DATA
MDS><<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain
MDS>(authoritative answer))
MDS>554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

MDS>------- =_baaaaaaaaa
MDS>Content-Type: text/plain; charset="us-ascii"
MDS>Content-Description: Recipients of this Delivery

MDS>Bounced, cannot deliver:
MDS> <alstadj@ccmail.sgo.sony.co>

MDS>------- =_baaaaaaaaa
MDS>Content-Type: message/rfc822
MDS>Content-Description: Returned Content

MDS>Received: by mail1.sjc.in.sel.sony.com id AA11454; Sat, 18 Feb 95 09:12:41
MDS>-0800
MDS>Received: from cc:Mail by ccmail.nhq.sony.com
MDS> id AA793138821; Sat, 18 Feb 95 08:01:21 EST
MDS>Date: Sat, 18 Feb 95 08:01:21 EST
MDS>From: Info-Hams@ucsd.edu
MDS>Message-Id: <9501187931.AA793138821@ccmail.nhq.sony.com>
MDS>To: Info-Hams@ucsd.edu
MDS>Subject: Info-Hams Digest V95 #133

MDS>Info-Hams Digest Sat, 18 Feb 95 Volume 95 : Issue 133

MDS>Today's Topics:
MDS> ARLP008 Propagation de KT7H
MDS> Chat from pc to Ham radio via code?
MDS> Ham Web Pages?
MDS> Help with IC4AT Band modification - PLS
MDS> How long to get first license and callsign?
MDS> NOAA VHF Weather Stations question...
MDS> PRB-1 in So. Cal.
MDS> Queens University Belfast Radio Club is on WWW
MDS> Request: list of active nets
MDS> Returned mail: Service unavailable
MDS> The Legacy of the No-Code Tech License

MDS>Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
MDS>Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
MDS>Problems you can't solve otherwise to brian@ucsd.edu.

MDS>Archives of past issues of the Info-Hams Digest are available
MDS>(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

MDS>We trust that readers are intelligent enough to realize that all text
MDS>herein consists of personal comments and does not represent the official
MDS>policies or positions of any party. Your mileage may vary. So there.
MDS>--

MDS>Date: Fri, 17 Feb 1995 18:11:33 EST
MDS>From: w1aw@arrl.org
MDS>Subject: ARLP008 Propagation de KT7H

MDS>SB PROP @ ARL $ARLP008
MDS>ARLP008 Propagation de KT7H

MDS>ZCZC AP76
MDS>QST de W1AW
MDS>Propagation Forecast Bulletin 8 ARLP008
MDS> From Tad Cook, KT7H
MDS>Seattle, WA February 17, 1995
MDS>To all radio amateurs

MDS>SB PROP ARL ARLP008
MDS>ARLP008 Propagation de KT7H

MDS>Recent 160 meter conditions top the news this week. K7SS reports
MDS>that on January 29 during the CQ WW 160 meter contest, W7XR worked
MDS>OH7MS on long path at 1428z. This was 80 minutes before local
MDS>sunrise at W7XR, and signals were strongest on a beverage antenna to
MDS>the west. K7SS thought that this was the first 160 meter long path
MDS>contact to Europe from North America, but it now appears that N6SS
MDS>beat this record by 20 minutes, when he worked OH7MS at 1408z. With
MDS>W7XR and K7SS in Washington State, and N6SS in Arizona, N6SS worked
MDS>OH7MS 6 minutes before local sunrise and W7XR worked him 80 minutes
MDS>before his local sunrise. Congratulations to all.

MDS>Comments to the author of this bulletin can be sent via packet to
MDS>KT7H N7DUO.WA.US or via internet to tadssc.com.

MDS>Solar flux last week was unchanged from the week prior. Conditions
MDS>were unstable on the 11th through the 14th, with many periods of K
MDS>indices at 5 or 6. The A index peaked at 33 on the 13th.

MDS>Solar flux should peak around 96 on the 19th, then head back to the
MDS>mid eighties region. Active geomagnetic conditions due to recurring
MDS>coronal holes are expected to begin again around February 26, and
MDS>gradually increase through mid-March.

MDS>Sunspot Numbers for February 9 through 15 were 24, 38, 23, 24, 26,
MDS>36 and 36, with a mean of 29.6. 10.7 cm flux was 83.7, 81.5, 81.1,
MDS>81.1, 85.7, 82.4 and 84.9, with a mean of 82.9.

MDS>The path projection for this week is from Hawaii and Anchorage,
MDS>Alaska to Macao.

MDS> From Anchorage, 80 meters looks good from 1045 to 1900z, and 40
MDS>meters from 0930 to 2030. 30 meters should be good around 1900 to
MDS>2000 and again from 2200 to 2300 and around 0800. Check 20 meters
MDS>from 2230 to 0230, and 17 meters from 2300 to 0300. 15 meters may
MDS>be open on some days from 2300 to 0230.

MDS> From Hawaii, 80 meters looks like a good bet from 1030 to 1730z, and
MDS>40 meters from 0900 to 1830. 30 meters looks good from 0800 to
MDS>1930, and 20 meters from 2230 to 2330 and 0400 to 1430. Strongest
MDS>20 meter signals should be between 0900 and 1300. 17 meters should
MDS>be open from 2230 to 0700, and 15 meters from 2300 to 0630. 10 and
MDS>12 meters look quite good over this path, with 10 meters open from
MDS>2330 to 0500, and 12 meters opening 30 minutes earlier and closing
MDS>about an hour later.
MDS>NNNN
MDS>/EX

MDS>------------------------------

MDS>Date: 17 Feb 1995 21:59:42 -0500
MDS>From: danielm949@aol.com (DanielM949)
MDS>Subject: Chat from pc to Ham radio via code?

MDS>My friend is an amatuer radio operator, I am a pc person. We were
MDS>wondering if there is a frequency for ham operators that they can
MDS>transmitt morse code on to a certain repeater. At the repeater it would
MDS>then decode the morse code into a text format and be able to send it back
MDS>out to a receiver on the Internet?

MDS>------------------------------
>>> Continued to next message

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

Date: Mon, 20 Feb 1995 06:39:00 -0500
From: brian.carling@acenet.com (Brian Carling)
Subject: Returned mail: Servic 2/2

>>> Continued from previous message
MDS>Date: 17 Feb 1995 23:26:28 GMT
MDS>From: scotte@ccs.neu.edu (Scott Ehrlich)
MDS>Subject: Ham Web Pages?

MDS>In article <3hoocd$pum@nexus.polaris.net>,
MDS>Jeffrey M. Valley <valleyj@polaris.net> wrote:
MDS>>Good day to all. I'm in the process of making my own web page and I

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

Date: Mon, 20 Feb 1995 13:40:31 GMT
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Subject: Thanks to all who felt my pain. Was: Yippee! 4 days!...Ugh.

Thanks to everyone who reponded to my pleas for adive following my being issue
a lame callsign. Being new to the "sport," I didn't know what to do. The
610 gets mailed today and hopefully I'll receive my new call in the same time
my first one took...7 days from test to paper in-hand.

Greg Smith
AT&T Global Information Solutions
greg.n.smith@daytonoh.attgis.com

Date: Mon, 20 Feb 1995 13:50:34 GMT
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Subject: Thanks to all who felt my pain. Was: Yippee! 4 days!...Ugh.

Too bad I can't spell.

>==========Greg Smith, 2/20/95==========
>
>Thanks to everyone who reponded to my pleas for adive following my being
>issue
>a lame callsign. Being new to the "sport," I didn't know what to do. The
>610 gets mailed today and hopefully I'll receive my new call in the same
time
>my first one took...7 days from test to paper in-hand.
>
>
>
>Greg Smith
>AT&T Global Information Solutions
>greg.n.smith@daytonoh.attgis.com
>

Greg Smith
AT&T Global Information Solutions
greg.n.smith@daytonoh.attgis.com

Date: Mon, 20 Feb 1995 11:59:24 +0000
From: walt@waltd.demon.co.uk (Walt Davidson)
Subject: Yippee! 4 days!...Ugh.

In article <D43Kt0.LAF@ranger.daytonoh.ncr.com>
greg.n.smith@daytonoh.attgis.com "Greg Smith" writes:

> Ugh! My new callsign is what?!
>
> KB8WUS?!

Ha ha! Well a friend of mine was issued with HIS new callsign 33 years
ago. It was, and still is, "G3POX"! He did not ask for it to be changed,
and in fact says he wouldn't change it if you _paid_ him. He claims,
quite rightly, that at least no-one ever forgets his callsign!!

By the way, more recently, there have been callsigns issued such as
G0OFY, G0PIG, G7PIG, GM7OAF ..... but sadly no G0NAD. Hi Hi!
73,
--
Walt Davidson (G3NYY) Mail: walt@waltd.demon.co.uk
100523.1414@compuserve.com

Date: 20 Feb 95 14:50:19 GMT
From: davev@atkc.COM (Dave van De Kerk)
Subject: Your Filth and .sig historical quotes

andyneal@ocf.berkeley.edu (Andrew Brandt) writes:

(in response to Jeff Angus's classic pro-gunner .sig quote.)

>>"1935 will go down in history. For the first time, a civilized nation has
>>full gun registration. Our streets will be safer, our police more
>>efficient,
>>and the world will follow our lead into the future." - Adolf Hitler

> I am a Jew, Mr. Angus. Over 30 of my immediate family members were
> slaughtered like animals for no reason other than "ethnic cleansing" by
> soldiers following orders from Adolf Hitler.

> I think any reasonable, educated, mentally-stable American knows for a
> fact that none of the politicians he mentioned have committed qrotesque
> atrocities against more than SIX MILLION HUMAN BEINGS, as did Adolf
> Hitler.

Jeff isn't anti-semitic. He's just pro-gun, and proud of it. Before
you decry me as an anti-semite, I am half Jewish and a lot of my
immediate ancestors went into the mass grave at Auschwitz as well.

Jeff, maybe you had better run the Stalin quote instead for a while.

"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas. -- Joseph Stalin"

BTW, Stalin butchered as many people as Hitler. My boss's wife was born in
a Stalin Gulag. He also took away the guns and amateur radio from the
people. So did Hitler. So did Mao. It's a classic pattern for totalitarian
butchers. Take away the right to defend and the ability to pass the
news to the outside world. Then start the killing. Unfortunately, the
use of the Stalin quote will offend somebody. Next, they will complain
that Jeff is a Stalinist.

BTW, Mr. Brandt, I thank you for attempting to take this argument
off line to e-mail.

Date: Mon, 20 Feb 1995 06:39:00 -0500
From: brian.carling@acenet.com (Brian Carling)
Subject: Your Filth and Elmer

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DO>Jeff Angus is a fine man. All of you who flamed him eat poop.

Maybe we were all mistaken, but we were going by the impression HE
created by his own behavior. The fact that several folks did not
appreciate his nastiness and choice of French, indicates that
his behavior is not acceptable in polite company.

If he is such a fine man, maybe you can persuade him to DEMONSTRATE
this by behaving like a fine man?!

DO>All of you who flamed him eat poop.

I guess you are showing us what a "fine man" you are too!
By the way, my dad can beat up your dad and Jeff's dad,
so there! Nya-nya-nya-nya-nya-nya!

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

End of Info-Hams Digest V95 #141
****

------- =_aaaaaaaaaa--

2281. Re: What are these signals?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 13:21:56 UTC
From: djw@cci.com
Message-ID: <D4CqGL.EwA@sunsrvr6.cci.com>
Source record: 251801

In article <D3zrM9.AuG@bri.hp.com>,
Mike Chaloner G0UGR <mikech@hpcpbla.bri.hp.com> wrote:
>>
>> Can someone fill me in on the origin of these CW signals:
>>
>> "VVV VVV VVV DE SXA 33 SXA 33 SXA 33 K" on 3.712 Mhz

This question was previously asked and answered in this group a while back.
Here's the "official" answer. The reason I kept this is `cause I spent some
time trying to go back to the SXA 33 station (figured I'm hearing what sounds
like a call followed by K - gotta be a legit call). Given how strong I was
hearing it (559/579), I was wondering why they never answered anybody.

---------- 1st explaination ----------

The station SXA33 is the naval base at Piraeus, Greece. In most instances
the amateur bands are shared with other services and it is against the
regs to contact them (although most operate split anyway).
Traffic beacons like SXA33 both inside and outside the amateur bands are
the best propagation monitors available. Unlike SW broadcast stations,
most of these stations use more reasonable power (1-10kW) and transmit
24 hours a day. Ferrell's Confidential Frequency List by Gilfer Publications
lists most everything regularly heard between 1600kHz and 27MHz both
by frequency and call sign which makes it very easy to ID unusual signals
and figure out where they're coming from.

John - VE8EV

---------- 2nd explaination ----------

It's a Greek Navy station. QTH Piraeus, Greece. Licensed to 3678.0 kHz.
using CW mode.
--
David R. Alpert - KB2LUM

---------- end explaination ----------

>> and
>> "VVV VVV VVV DE CTP CTP CTP QSX 46812 MHZ" on 3.782 Mhz

Can't help on this one.

73 es cul Dave

2282. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 14:07:35 UTC
From: jcumming@dgim.doc.ca
Message-ID: <1995Feb21.140735.2429@clark.dgim.doc.ca>
Source record: 251793

JimN2ETE (jimn2ete@aol.com) wrote:
: One of the intentions of the no-code license was to show people that there
: is much more to ham radio than 2 meter FM and repeaters. Some of the old
: time hams have good reason to beef about the no code license.
: The whole concept of ham radio was devised under morse code. Yes, it is
: very
: antiquated with all the high speed digital communications around us. Yes,
: the
: celluar phone is much more convienient. BUT!! in an emergency situation,
: when all of the high technology is rendered inoperable or destroyed,
: either by enemy forces or by nature itself. That
: $1000 computer and that $1,000,000+ satellite is nothing compared to a
: straight
: key and an HF rig and running good old CW to get the message across. I
: hope that you do indeed go to learn CW and I wish you lots of luck!!

: Jim N2ETE

I understand your point - if there was a disaster to such an extent that
my computer was crapped out and the INMARSAT birds would be space junk,
then we would have to rely on good ol' CW.

As I see it, there are two problems with those contentions:

1. Do you foresee that even SSB would not be used?

2. If all this neat high tech stuff has been blown away or rendered
useless, what are the circumstances that our high tech amateur radioes
would not be subjected to the same stresses and forces and be rendered
useless as well? All that the CW isn't going to help then....

73 and live better digitally
Jim, VE3XJ

2283. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 14:19:44 UTC
From: Tony_Pelliccio@brown.edu
Message-ID: <Tony_Pelliccio-2102950923310001@adis-197.adis.brown.edu>
Source record: 251781

In article <3i15j1$jkr@nntpd.lkg.dec.com>, little@iamu.chi.dec.com (Todd Little) wrote:

> They must not teach English at Brown. Where does Ed say anything at all about
> discussion or dissenting opinions? You clowns just can't get it right, eh?

But he does. And while we're flaming it up, they must not teach people how to use an editor at DEC! Get a life Todd.

> Besides, Ed summed it up pretty well. Can't you flamers from Brown use
> alt.flame or alt.soapbox for your diatribes? I think I can safely say the
> majority in this newsgroup would rather you quietly disappeared.

If you had half the sense of a common doorknob you would realize it was in jest. I realize you have an attraction to a flame-fest but this goes beyond the ridiculous.

> |>Uh oh. You're following the league's appropriate posting guidelines aren't
> |>you Ed?
> |>
> |>Face it, you're just a League Lapdog.
>
> Ah, showing your true colors again Tony? What, besides call sign envy
> you guys at Brown also suffer from League envy? Did you apply for a job
> at the League and get turned down? What other sort of envy do you
> guys suffer from?

Oh my... I think I've upset someone's delicate sensibilities. Both Mike and I have known Ed and traded little barbs with him for awhile now but both of us would be the first to attest to Ed's competency and common sense, something that you seem to lack.

--
== Tony Pelliccio, KD1NR
== Box 1908, Prov, RI 02912 Tel. (401) 863-1880 Fax. (401) 863-2269

2284. Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 14:23:31 UTC
From: MAILER-DAEMON@mail1.sjc.IN.SEI.sony.COM
Message-ID: <9502211423.AA24724@mail1.sjc.in.sel.sony.com>
Source record: 251782

```
------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Session Transcript

While talking to mail1.gw.in.sel.sony.com:
>>> DATA
<<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative
answer))
554 <alstadj@ccmail.sgo.sony.co>... Service unavailable

------- =_aaaaaaaaaa
Content-Type: text/plain; charset="us-ascii"
Content-Description: Recipients of this Delivery

Bounced, cannot deliver:
<alstadj@ccmail.sgo.sony.co>

------- =_aaaaaaaaaa
Content-Type: message/rfc822
Content-Description: Returned Content

Received: by mail1.sjc.in.sel.sony.com id AA24722; Tue, 21 Feb 95 06:23:31 -0800
Received: from cc:Mail by ccmail.nhq.sony.com
id AA793387905; Mon, 20 Feb 95 14:31:44 EST
Date: Mon, 20 Feb 95 14:31:44 EST
From: Info-Hams@ucsd.edu
Message-Id: <9501217933.AA793387905@ccmail.nhq.sony.com>
To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V95 #142

Info-Hams Digest Mon, 20 Feb 95 Volume 95 : Issue 142

Today's Topics:
CQ trying to find Roland Burgan, KB8XI
CW and Web Site ?'s
Give No-Code some Credit
Hello!
Info-Hams Digest V95 #139
Internet DX Mailing List - Periodic Info Posting
MediaScan/Sweden Calling DXers 2218
Your Filth and Elmers List

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.
```

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 20 Feb 1995 10:17:27
From: kthompso@WichitaKS.HMPD.COM (Ken Thompson)
Subject: CQ trying to find Roland Burgan, KB8XI

re: his article in 73.

Date: 20 FEB 95 10:56:14
From: randolph@est.enet.dec.com (Tom Randolph)
Subject: CW and Web Site ?'s

In article <3i2l8q$1o2@deathstar.cris.com>, lgregory@cris.com (Lewis Gregory) writes...
>1. I'm currently studying for my 1B 13wpm code test, and seem to be "hitting
>the wall" at about 8-9 wpm. Do any of you CW gods out there have any
>strategies that you found effective for increasing code speed? (Besides
>copying till your ears bleed, which I'm already doing.) :)

One thing that helps me, and this is pretty much with any study material, not
just code speed, is to put it aside for a day or two every once in a while.
Over a weekend works great. Somehow, this allows you to "digest" what you've
learned and move on. Other than that, get in about half an hour of practice a
day, and keep pushing yourself hard. If you can copy 75-80% at a certain speed,
you should be practicing faster.

I'm currently working on passing the 20 WPM, but I do remember being where you
are.

-Tom R. N1OOQ randolph@est.enet.dec.com

Date: 20 Feb 1995 17:02:02 GMT
From: george@grape.epix.net (George Cook AA3JU)
Subject: Give No-Code some Credit

Sounds a lot like the story that I would tell. Radio is definately a
disease! Good luck. And see you on the air.
I think that what infuriates a lot of the holders of the higher class
licenses is this attitude that some have that the whole ball of wax
should be handed to them. And that some one holding say and Advanced or
Extra is deseved of no recognition at all for there accomplishments. I
always held in revere those who walked before me and still do.

And you will know this as you walk the path.
GC

John Alcock (jaa2188@tntech.edu) wrote:
: I am currently a No-Code Tech. Got my license in December. At the time I got
: my license, my only purpose was to chat with the HAMs that go to school with
: me. I had a CB, but the only thing I heard was some hooker trying to sell
: herself. I am not a prud or anything, but I have better things to listen to.
: Now I can talk to my classmates about anything from my latest Computer Project
: to thier latest Digital Comm project on our on campus repeater.
: Now there is a purpose for this message. I had no intention of taking
: my code test, but now that I have my No-Code Tech and have been playing with my
: radio and listing to all the fun stuff that goes on in the other bands, I am
: going to start studying my code. Thanxs to the No-Code, I have enough interest
: to start studing and try to obtain a higher classification.
: Let us give NO-code some credit.

: John Alcock KE4TQM
: Cookeville, Tennessee.
: Internet Address: jaa2188@tntech.edu
: Fate protects children, fools, and little ships named Enterprise.

--
****
* George Cook AA3JU Bangor, PA FN21 *
* george@peach.epix.net AA3JU@N3IQD.EPA.USA.NA *
****

Date: Mon, 20 Feb 1995 17:01:35 GMT
From: mikech@hysteria.bri.hp.com (Mike Chaloner)
Subject: Hello!

If you're already licenced (IK8AHG or K8AHG ?) can't you simply use your own callsign as would a holiday visitor?

Have you written to the ARRL or RSGB for suggestions?

Mike.....G0UGR

Date: 20 Feb 95 22:15:47 GMT
From: NEEDHAME@ZIAVMS.ENMU.EDU
Subject: Info-Hams Digest V95 #139

A simple and effective broadband antenna for the 3.5 MHz band is to
feed an 80M antenna (i. e. tuned to 3.5 or so) in parallel with a 75M
antenna(tuned for about 3.95MHz). Use the same center insulator for both
and run them at righ angles to each other. From above they will look
like an X or a + sign. This tyope of antenna works very well. Last time
I used one, I had less the 2:1 SWR from 3.5 to 3.99999... and including
my old Navy MARS frequency of (semms like it was...) 4.020 or so.

Earl
KD5XB

Date: 19 Feb 1995 23:58:46 -0801
From: lyndon@canada.unbc.edu (Lyndon Nerenberg VE7TCP)
Subject: Internet DX Mailing List - Periodic Info Posting

The Internet DX Mailing List - Frequently Asked Questions

Comments or additions should be sent to: lyndon@canada.unbc.edu.

Last updated: February 19, 1995

---

1. Introduction

What is the Internet DX Mailing List?

It is an electronic mailing list dedicated to the discussion of Amateur Radio DXing. This is the place to exchange tips and techniques, discuss hardware (rigs, antennas, DSP add-ons), awards, DX related software, announce upcoming DXpeditions, etc. Anything and everything pertaining to DX is fair game, with the following exceptions:

Don't send requests for QSL info to the DX mailing list. You can obtain QSL information via e-mail by sending a message to qsl-info@aug3.augsburg.edu. Include in the message body the callsigns you want QSL information for - one callsign per line. This service is operated by Ray Rocker (W5QL). Please direct questions or comments to him at rrrocker@rock.b11.ingr.com.

Discussion about contests and contesting should be kept to a minimum. The CQ-Contest list already provides an excellent forum for contest related discussions. (To subscribe to CQ-Contest, send an e-mail request to cq-contest-request@tgv.com)

2. Subscribing, Unsubscribing, and Administrivia

How do I subscribe to the list?

To subscribe, send an e-mail message to dx-request@unbc.edu with the following request in the message body:

subscribe DX

How do I unsubscribe from the list?

To unsubscribe, send an e-mail message to dx-request@unbc.edu with the following request in the message body:

unsubscribe DX

Mail from the list might not cease immediately after you unsubscribe. Due to the way mail is handled, you will receive any messages in the delivery queue (but not yet delivered to you specifically) at the time you unsubscribe. This should only amount to two or three messages.

What about these duplicate messages?

Once in a while it is necessary for me to restart the mail system. If this happens during a delivery run for the mailing list the possibility exists that duplicate messages might escape. The mailer checkpoints it's delivery state after every four deliveries, so if this does happen it will affect no more than four subscribers.

Unfortunately, duplicate messages can also be caused by mailers at the receiving end of the mailing list. I take precautions to prevent error messages and the like from escaping back to the mailing list, but you would not believe the amount of totally broken mail software out there on the Internet these days.

If you receive one or two duplicate messages, ignore them.

If you receive more than one or two duplicate messages, send a message to the list maintenance address. If you can, include both copies of the duplicates with ALL the headers intact. Don't send the messages unless you can include all the headers - I cannot debug the problem without them.

DO NOT send mail about the problem to the entire mailing list! The list subscribers cannot do anything to fix the problem, and have probably figured out for themselves that something is wrong.

Is the mailing list archived?

In a word, no.

How do I send a message to the list?

It's easy! Just send an e-mail message to: dx@unbc.edu. Your message will be automatically resent to all the mailing list subscribers. Depending on the load on our mail system this could take anywhere from a few minutes to several hours. If you don't see your message within a day or so, send a message to dx-request@unbc.edu NOT the general submission address) and I will look into the problem.

Here are a few things to keep in mind when sending a message to the list. If everyone follows these guidelines it will help the list operate smoothly.

Make sure your subject line is appropriate. If a conversation wanders off the original topic, change the subject line to reflect the new line of discussion.

Proofread your message before sending it! Spelling mistakes and poor formatting do nothing to help you get your message across.

Keep it short! Many subscribers pay for their e-mail access. Don't include 100 lines of the message you're replying to and then add a three line contribution. Only include as much text as is necessary to establish the context for your reply.

Watch your language! This list is gatewayed onto packet radio. Don't say anything that you wouldn't (or shouldn't) say over the air. Anyone violating this rule will be dropped from the list immediately!

If someone asks a question, send your answer to them directly. The person asking the question should collect the responses, then send a summary to the list. This helps cut down on unnecessary list traffic.

Eschew flamage. If someone sends a flame to the list and you can't bite your tongue, send your flaming reply directly back to the flaming individual, not back to the list. No one wants to pay $1.00 to read these messages (the original flame + your reply). Treat flamers the way you would two-meter repeater jammers - ignore them.

Make sure there is something of value in each message you send to the list.

When I reply to a message using my mailer's REPLY command I never see a copy of the message come back from the list. Why?

There are two possible causes. One is that your mailer sends the reply only to the originator of the message. In this case you will have to manually CC the mailing list. The second possibility is that your mail reader is so ancient and broken that it sends replies to the "envelope" from address instead of the From: or Reply-To: header values. If your mailer sends replies to dx-request@unbc.edu you are running broken software. If you are in the att.com or microsoft.com domains you want to double check for this second problem. Note that replies sent to dx-request get filed in the bit bucket.

3. Other Related Internet Services

Where can I obtain back issues of the various DX bulletins?

An incomplete archive of DX related bulletins is available via anonymous FTP from ve7tcp.ampr.org:/bulletins/. I add back issues as I come across them. Feel free to contact me if you can help fill in the holes. At some point I hope to set up a WAIS search index that will let you do keyword searches on the bulletins in the archive.

Where can I find out about current solar and propagation conditions?

One of the best sources is Cary Oler's Solar Terrestrial Dispatch. He provides both daily reviews of solar activity and a report of current solar conditions updated every three hours. Sites on the Internet can obtain these reports by fingering the following addresses:

solar@xi.uleth.ca (3-hourly report)
aurora@xi.uleth.ca (hourly auroral activity report)

Connectivity to xi.uleth.ca can be slow at times due to network conjestion. If you are reading this through the World-Wide Web you

may find it faster to access this information via my Amateur Radio
Home Page at http://canada.unbc.edu/radio/.

Lyndon Nerenberg - VE7TCP - lyndon@canada.unbc.edu

--
The cheaper the service is the more error free it has to be.
-- Dean Norris, K7NO

Date: 20 Feb 1995 15:59:14 GMT
From: george wood <wood@stab.sr.se>
Subject: MediaScan/Sweden Calling DXers 2218

::::::::::::::::::::::::::::::::::
:: MediaScan ::
:: SWEDEN CALLING DXERS ::
:: from Radio Sweden ::
:: Number 2218--Feb. 21, 1995 ::
::::::::::::::::::::::::::::::::::

Satellite, shortwave and other electronic media news from Radio Sweden.

This week's bulletin was written by George Wood.

Packet Radio BID SCDX2218

All times UTC unless otherwise noted.

EUROPEAN MEDIA NEWS:

EU QUOTAS--As we mentioned last time, the new European Commission has been looking at the issue of quotas for non-European television programming. France has been trying to tighten the directive "Television Without Frontiers", adopted a few years ago, that sought to force European broadcasters to use a majority of European programming, but added a loophole, saying this would only be where practical.

The French suffered a set-back at the recent meeting of European Union Ministers of Culture. But what do European film-makers feel about quotas? Radio Sweden's Jim Downing was at the recent Gothenburg Film Festival, and filed a report, including an interview with fil director Christina Olofsson, who is against quotas and in favor of subsidies to local film-makers to make better European films which can compete with Hollywood.

NORWEGIAN QUOTAS--Norway is not a member of the European Union, and it looks like Norwegian attempts to enforce another sort of quota, on media ownership, may force one of the country's most popular satellite broadcasters to move its uplink abroad. TV Norge, on the Intelsat 702 satellite, is owned by the Scandinavian Broadcasting System, which despite its name is based in

Luxembourg, and owned primarily by the ABC television network in the US. It also runs Sweden's TV 5, or Femman, another station in Denmark, and Belgium's new VT-4 channel.

Norwegian politicians are considering legislation to block a single owner from holding more than one third of a broadcasting organization. While TV Norge's management has denied there are plans to move, there's widespread speculation in Norway this will happen should be ownership law be passed. (NTB)

TV3--There's a precedent--Sweden's TV3, which broadcasts separate Norwegian, Swedish, and Danish services by satellite and cable, is based in London to avoid Swedish media laws. They've suffered a setback recently -- a leading Swedish department store chain has withdrawn all its advertising from TV3, to protest against television violence.

The Aahlens chain says TV3 carries the most violent programming on Swedish television. The channel took its most violent children's program, the American series "Power Rangers", off the air last year, following several incidents of children assaulting playmates in Scandinavia. However, the program returned to the schedule a few weeks later. ("Dagens Nyheter")

TV-SAT--There's been a lot of speculation about Germany's TV-Sat direct broadcast satellite, which has been up for sale. The main rivals have apparently been the Norwegians, who want to place the satellite next to Thor at 1 degree West, the Swedish Space Coporation, who want another satellite with Tele-X and Sirius at 5 degrees East, and Eutelsat, who want to beef up the 13 degrees East position while waiting for the delayed Hot Bird satellite.

According to an item on the Usenet alt.satellite.tv.europe newsgroup, the Norwegians have won, and the satellite began its move from 19 degrees East to 1 degree West last weekend. It's expected to arrive at its new position in mid-March. (Kauto Huopio)

FINLAND--Finland's first local TV station started transmissions last week in Tampere. It is the first regional television station in the Nordic countries, and in his opening address, Finnish Communications Minister Ole Norrback promised franchises for Helsinki, Turku, and Lahti, if the applicants were forthcoming. (YLE via BBC Monitoring and Kauto Huopio)

EUROPEAN DIGITAL RADIO--Last time we started a conversation with Andrew Taussig, the BBC World Service radio's head of broadcasting for Europe, who was here in Stockholm. Britain is expected to become the first country in the world with regular broadcasts using digital audio broadcasting, D-A-B, due to start later this year. But the BBC is also involved in a program with several other countries to carry separate international digital channels in English, French, and German across Europe.

The initial project is between the BBC and counterparts in Germany, France, and the Netherlands. Once the project is running, other European broadcasters will be invited to join in. There's a practical reason for this, the participants want the system to be relayed across the continent, with a

single DAB frequency from northern Sweden to southern Italy. In addition, the EU, which is funding the project, wants all its members included.

A non-DAB pilot program will be airing on the BBC's medium wave transmitter on 648 kHz, which is well received in Brussels. (Andrew Taussig)

EBN--The new European Business Channel from Dow Jones is due to launch on Intelsat 601 on February 27th.

EUROPEAN UNION--Not content with the EBU's Euronews, the European Union has started its own broadcasts on Eutelsat II-F2, on 11.080 GHz. It's in clear PAL. Five subcarriers of the trnsponder, at 6.60, 7.02, 7.20, 7.38, and 7.56 MHz, carry audio to accompany the video in different EU languages. The transmissions are all of EU-related material, including relays of sessions of the European parliament, and news conferences gives by EU officials. The transmissions are on the air at various times of the day. When no events are being relays, a program schedule is displayed. (BBC Monitoring and James Robinson)

ARIANE--After being stopped by a launch failure in December, Western Europe's Ariane satellite launch program is scheduled to resume operations from March 14. Arianespace says a series of 21 corrective measures costing more than USD 8 million have been adopted to ensure the reliability of the rocket. March's scheduled mission will attempt to launch Eutelsat's Hot Bird-1 satellite, and Brazil's Brasilsat B2. A spokesman for Arianespace would not give an exact date, but said the launch was scheduled from March 14th onwards. (Reuters)

DMX--DMX is ready to launch its CD-quality mucis service from Astra in April. Offering 90 channels of themes music, DMX anticipates that relatively few satellite TV enthusiasts will take the service at first. Consumer receivers, made by Technisat and Kathrein in Germany, will cost in Germany around the equivalent of GBP 200, but should fall to around GBP 100 when the market has matured. The service will cost around GBP 7 a month. ("What Satellite TV")

EUTELSAT--Eutelsat says its sold all 20 transponder leases on its Hot Bird 2 satellite, due to launch in August, 1996. ("What Satellite TV")

QVC--Which we've previously reported would be leaving the Sky Multichannels package and switching to clear PAL, has changed instead to soft Videocrypt encoding. Like UK Gold and Sky Sports previously (but no longer), this means that anyone with a Videocrypt decoder can watch the station, without a BSkyB smartcard. ("What Satellite TV")

GERMANY--The media authorities in Frankfurt have issued five licences for new TV channels in Germany. They have been awarded to new music channels Viva 2 and VH-1 Germany, FAB (Fernsehen aus Berlin), the family channel Super RTL, and TM3, the third channel from Tele Munchen. So far none of the new channels that have booked space on Astra 1D have been awarded licences. This includes Kabel Plus and the shopping channel HOT.

Viva 2 is believed to have secured the Eurosport transponder on Eutelsat II-F1 which will be vacated when Europsort moves to the upcoming Hot Bird satellite. Super RTL will occupy channels on Hot Bird and Astra's transponder

13 when RTL vacates for Astra 1D. ("Tele-Satellit")

Despite a report that the German VH-1 will be using the evening time on Nickelodeon's transponder 46 on Astra, there's nothing there yet. It's worth keeping an eye on it, along with the other vacant Astra transponders.

DEUTSCHE WELLE--Dieter Weirich, director of Deutsche Welle Radio and TV International, announced at the Intersat 95 trade fair in Frankfurt that Deutsche Welle will launch a 24 hour international TV channel in German, English, and Spanish from July 1, 1995. (apparently expanding the current Deutsche Welle TV in those three languages, and squeezing the USIA's Worldnet off the transponders, just as France's TV5 did a couple of years ago). (ADN via BBC Monitoring)

TV ASIA/ZEE--Astra broadcaster TV Asia has dealt with its first serious potential competitor by merging with it. Last December Zee-TV, broadcast to India over Rupert Murdoch's Star-TV, and partly owned by Star, announced it would start a European channel this March. TV Asia has responded by merging with Zee-TV. ("What Satellite TV")

ASIAN MEDIA NEWS:

IRAN--Iran's Council of Guardians, a body responsible for endorsing the approvals of the Majlis, on February 15 endorsed a law banning the use of satellite dishes and equipment. Satellite dish owners will have one month to turn in their equipment or pay fines ofup to USD 740. Over the past few years, hundreds of thousands of Iranian households, bored by state television, have installed satellite dishes, which are smuggled into the country. Supporters of the ban say satellite dishes are the spearhead of a "Western cultural invasion". Opponents say the government should first supply alternative entertainment. (IRNA via BBC Monitoring and Reuters)

ISRAEL--Israel TV's channel 3 began full-time broadcasting on satellite and cable on January 22. It can now be received in most of the Middle East, the Gulf, and North Africa. (BBC Monitoring) Presumeably the satellite in question is Intelsat 702, which carries three Israeli television channels. Channel 3 is listed on 11.023 GHz.

APSTAR--A pro-Chinese newspaper in Hong Kong has claimed that the recent loss of the Apstar-2 satellite was due to a failure within the satellite, and not the Chinese Long March rocket. China made similar claims when Australia's Optus satellite failed to achieve orbit in 1992. Later in the week the newspaper backed away from the claims, saying only that the investigation was continuing. Shortly after the crash, the same newspaper had claimed that sabotage from foreign tracking stations was responsible for the failure, in order to cause a loss of confidence in the Chinese space program. ("Tele-Satellit" and Reuters)

Despite the Apstar failure, MTV Asia plans to launch new channels in April and May, using current capacity on four existing satellites. Meanwhile, another Apstar broadcaster, Asian Business News, has now booked a transponder on PAS-4, due to be launched in mid-1995. ABN, owned jointly by Television New Zealand, Dow Jones, Singapore's SIM, and cable giant TCI, is currently on

Indonesia's Palapa P2 satellite. Ted Turner's TNT and Cartoon Network, scheduled for Apstar-2, continue to broadcast on Apstar-1. (Reuters)

TVB--Britain's media group Pearson has bought 10 percent of Hong Kong's Television Broadcasts, TVB, the world's leading producer of Chinese language drama, and a potential rival to Rupert Murdoch's Star-TV. TVB's plans to expand into South Asia have been temporarily halted by the failure of the Apstar-2 satellite, but Pearson has also secured an agreement with a local broadcaster in that region to start a TV channel soon. ("Tele-Satellit")

JAPAN--NHK is to launch a gloval TV service via satellite. By using the TV Japan services for North America and Europe, this will mean a five hour program to North America and three hours to Europe, free of charge. From 1996 onwards, NHK's plans include expanding broadcasting hours, and launching a similar service to Asia and the Pacific in 1998. (Radio Japan via BBC Monitoring) Is this a reference to the Japanese service on Astra, JSTV? It is hardly free, except for immediately after the Kobe earthquake when JSTV commendably dropped its coding.

NORTH AMERICAN MEDIA NEWS:

USA--The Federal Communications Commission has announced the award of spectrum located between 2310 and 2360 MHz for the creasion of a "direct-to-radio" satellite broadcasting service. The Digital Aufio Radio Swervice (DARS) will deliver CD quality radio to the public. While four companies have applied to provide the new service, it is expected that a challenge from the National Association of Broadcasters will delay any start-up for at least two years. ("Dishcetera" via Curt Swinehart)

CYBERSPACE:

USA--A third American college radio station has begun broadcasts over the Internet. This is KUGS at Western Washington University in Bellingham. Information about the station can be found at:

http://www.pacificrim.net:80/~kugs

Another college station, WREK at Georgia Tech, is preparing to launch on the Net. The URL seems to be:

http://www.gatech.edu/wrek/wreknet_tech.html

(Pete Costello, who's Shortwave/Radio Catalog can be found at:

http://itre.unceces.edu/radio)

EUROPE--Wildfire, the service reported last time that intends to transmit the Usenet newsgroups to Europe using the blank lines on an Astra transponder, has the URL:

htt://www.tecc.co.uk/wildfire/index.html

They write: "Each user will need to purchase our receiver/ decoder unit which is an internal PC card. This will be available throughout Europe. Our target end user price is around GBP 50 - 80, inclusive of VAT (17.5%) and UK

postage. Prices for other systems will be similar when they are available, with the exception of the external RS232 box which will be considerably more. It is intended that the receiver will be sold for close to cost price, to encourage take up of the service

"In addition to this each user will need to take out a subscription to receive the service. This pays our satellite transmission costs (our largest cost), and enables up to provide support in an ongoing basis. The subscription will be around GBP 8 - 10 per month, and this will include the user receiving as much or as little of the service as they wish.

All users will of course need a normal Internet account (for sending news and for using interactive services), and a satellite dish and receiver...Note that the dish and receiver is not dedicated to use with this system, it can be used for watching TV at any time other than when we are 'on air'." (Wildfire)

Sweden Calling DXers/MediaScan is the world's oldest radio program about international broadcasting. Radio Sweden has presented this round-up of radio news, features, and interviews on Tuesdays since 1948. It's currently broadcast on the first and third Tuesdays of the month.

Radio Sweden broadcasts in English:

Europe:

17:15 hrs 1179 and 6065 kHz
18:30 1179, 6065, 9655, and 13690 kHz (also Africa/Middle East)
21:30 1179, 6065, and 9655 kHz (also Africa/Middle East)
22:30 1179 and 6065 kHz
23:30 1179 kHz

Asia/Pacific:

12:30 hrs 13775, 15120, and 15240 kHz
23:30 11910 kHz
01:30 9895 and 11695 kHz

North America:

13:30 and 14:30 hrs on 11650 and 15240 kHz
02:30 and 03:30 hrs on 6200 and 7120 kHz

Latin America:

00:30 hrs on 6065 and 6200 kHz

The broadcasts at 17:15 and 18:30 hrs are also relayed to Europe by satellite:

Astra 1B (19.2 degrees East) transponder 26 (Sky Movies Gold) at 11.597 GHz, audio subcarrier at 7.74 MHz,

Tele-X (5 degrees East) via TV5 Nordic at 12.475 GHz, audio subcarrier 7.38 MHz.

Radio Sweden is also relayed to Europe via the World Radio Network on VH-1's transponder 22 on Astra, audio 7.38 MHz, daily at 20:00 hrs UTC.

Radio Sweden can also be heard on WRN's North American service on Galaxy-5, on WTBS's transponder 6, audio 6.8 MHz, daily at 00:00 and 20:00 hrs.

Sound files of Mediascan are archived at:

ftp.funet.fi:pub/sounds/RadioSweden/Mediascan.

If you access to the WorldWide Web, you can also find the programs among the offerings of Internet Talk Radio at various sites, including:

ftp://town.hall.org/radio/Mirrors/RadioSweden/MediaScan

The World Radio Network is also available live via the Internet MBONE. Check:

http://town.hall.org/radio/wrn.html

Contributions can be sent to DX Editor George Wood by fax to +468-667-6283, via the Internet to wood@stab.sr.se, from MCI Mail or CompuServe to the CompuServe mailbox 70247,3516, or to SM0IIN at the packet radio BBS SM0ETV.

Reports can also be sent to:

Radio Sweden
S-105 10 Stockholm
Sweden

Contributions should be NEWS about electronic media--from shortwave to satellites--and not loggings of information already available from sources such as the "World Radio TV Handbook". Clubs and DX publications may reprint material as long as MediaScan/Sweden Calling DXers and the original contributor are acknowledged, with the exception of items from BBC Monitoring, which are copyright.

We welcome comments and suggestions about the electronic edition, Sweden Calling DXers, and our programs in general.

Thanks to this week's contributors Good Listening!

Date: 19 Feb 1995 20:58:41 -0800
From: rwilkins@ccnet.com (Bob Wilkins n6fri)
Subject: Your Filth and Elmers List

Dave van De Kerk (davev@atkc.COM) recently wrote in <9502192256.AA16607@venus.atkc.com>:
: jeffrey@math.hawaii.edu (NH6IL Jeffrey Herman) writes:

: > Someone can be very nice and very helpful in person
: > but when they get behind the anonymity of a mic or keyboard they can
: > get real nasty. It's easy to do (speaking from experience).

: I hope the above comment indicates that Mr. Herman has the wisdom
: to realize that the flame war salvos have not been coming from
: one direction only.

: -----------------
: David P. van De Kerk Manager, Systems Integration
: American Turnkey Santa Ana, CA USA
: 714-557-9050 x-207 voice 714-557-9056 FAX davev@atkc.com
: KE6GXD

When these two fellows get off topic, we all suffer. Both have been Elmers
to this group in the finest tradition. Oh by the way, there is no n in
Turkey. ;-)

Bob _checking my .sig for inapropriate behavior_ n6fri

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

End of Info-Hams Digest V95 #142
****

------- =_aaaaaaaaaa--

2285. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 15:36:20 UTC
From: mack@ncifcrf.gov
Message-ID: <D4CwoL.A92@ncifcrf.gov>
Source record: 251789

In article <9502202239.0VTN800@shivasys.com> bob.elliott@shivasys.com writes:
>
>NE>From: steuer@eden.rutgers.edu (Team OS/2'er)
>NE>Newsgroups: rec.radio.amateur.misc
>NE>Subject: BNC what is stands for...HELP!
>NE>Date: 15 Feb 1995 20:30:09 -0500
>NE>Organization: Rutgers University
>
>NE>if I remember right, BNC stands for British Naval Connector, but if anyone h
>NE>the file that describes this, if you could mail it to me I would really
>NE>appreciate it! Thanks!
>NE> Rob
>
>
>I thought it stood for baby "N" connector...
>
I thought they were the initials of the 3 guys that designed it. N went
on later (or maybe earlier) to make the N connector and C also had
an independant career with the C connector. As to their names - sorry
don't know.

Joe NA3T mack@ncifcrf.gov

2286. Re: Too Much for Too Little (was re: The Legacy...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 15:37:31 UTC
From: (unknown)
Message-ID: <3id1br$4rd@carroll1.cc.edu>
Source record: 251796

In message <3i8jts$6iq@ixnews3.ix.netcom.com>, mjsilva@ix.netcom.com (michael silva) writes:

>Path: carroll1.cc.edu!spool.mu.edu!howland.reston.ans.net!ix.netcom.com!netnews
>From: mjsilva@ix.netcom.com (michael silva)
>Newsgroups: rec.radio.amateur.misc
>Subject: Too Much for Too Little (was re: The Legacy...)
>Date: 19 Feb 1995 23:23:40 GMT
>Organization: Netcom
>Lines: 35
>Distribution: world
>Message-ID: <3i8jts$6iq@ixnews3.ix.netcom.com>
>References: <3gqv7s$5re@cat.cis.Brown.EDU> <D3FFtH.Avq@world.std.com> <1995Feb7.123653.23764@arrl.org> <1995Feb13.151943@merlin.ecid.cig.mot.com> <3ho2dl$l1h@news.iastate.edu> <3ho9vd$h0t@ixnews3.ix.netcom.com> <3hoauf$q3m@cat.cis.Brown.EDU> <3hugoq$ob8@nntpd.lkg.dec.com>
>NNTP-Posting-Host: ix-wc2-01.ix.netcom.com
>
>In <3hugoq$ob8@nntpd.lkg.dec.com> little@iamu.chi.dec.com (Todd Little) writes:
>
>> mjsilva@ix.netcom.com (michael silva) writes:
>>
>> Much deleted
The Tech License is the only license that has undergone two requirement
>reductions (reduced written requirement in 1987 and elimination of code test
>in 1991). The privileges relative to the effort/knowledge/skill required
>are now out of all proportion to the other classes of amateur license. This
>is not about no-code, nor is it Tech-bitching. It *is* an opinion about
>standards, about the reasons and licensing requirements for an amateur radio
>license. I can think of three ways to bring the Tech test back into line
>with the rest of our license classes: (a) Reduce Tech privileges (never
>happen), (b) Make the test tougher (question: why was the code
>element simply *eliminated* instead of being *replaced* by an element
>covering more VHF-relevant material?), or (c) Limit the Tech to 5 years --
>welcome the newcomer with the Tech windfall, but require in return one
>little upgrade after five years (and toss out HF code if you like, but MAKE
>IT UP on the written!).
>
>Mike, KK6GM
>
Why don't you just do what I did? When I took and passed the no code tech test
I went on to take and pass the general written. I had not studied for the

general at all. It can't be too hard or I wouldn't have passed it. Now I may be a stupid no-code tech but I have passed the SAME test as a general. Now I have a real insentive to pass the code at 13 wpm instead of 5. Oh yeah, I'm going to study for the general even though I passed because I feel like I don't know enough to be a good operater. It seems like about half the people on this newsgroup have good healthy positive attitudes and the other half just want to gripe. The positive half have encouraged me to want to progress to extra, not because I have to, but because I want to. Just for the fun and personal satisfaction. People like Gary Coffman and others are what is best about amatuer radio. The no-code licence has gotten more people into ham radio than anything else in the last 30 years. Some of these people want to go all the way, others are happy on 2 meters. Why not? We need all the votes we can muster to protect our amatuer privileges. Thats my .02 worth.
[
[
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[
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[
[

73 de Gary N9ZSV

Gary Pewitt N9ZSV 414-355-8147 gpewitt@execpc.com
I'm from the government. I'm here to help you

2287. Re: Mods for FT-51R???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 15:40:00 UTC
From: taucom@kaiwan.com
Message-ID: <3id1gg$pce@kaiwan.kaiwan.com>
Source record: 251790

FT-51R MOD Sheet:

OK, here's the first one I found, gives you rx/tx 140-174 MHz and rx/tx
420-470 MHz:

1. Remove the battery pack from the radio.

2. Remove the four screws directly beneath the battery pack on the radio.

3. Remove the two screws holding the contact portion of the battery compartment

4. Remove the screw and battery pack release lever.

(the following steps make removal of the battery holding compartment easier)

4. Remove the four screws on the bottom portion of the back of the
cabinet. Carefully remove the two halves of the radio. Pay attention to
the gasket as you are seperating the cabinet.

5. Remove the battery pack holding compartment.

The section you will know be working with is directly underneath the
battery pack holding compartment (behind the touch tone pad).

6. There is a ribbon cable connected to the control board. You can leave
the ribbon cable attached if you're a GOOD solderer, or you can release
the two little black levers on each side of the ribbon cable and CAREFULLY
slide the ribbon cable out of the socket and hold it back towards the case
with a piece of tape. Be careful not to put a bend in the ribbon cable or
pierce it.

7. Locate a set of etched jumpers on the pc board. They are located
adjacent to the bend in the ribbon cable. They are not marked, and are
situated as follows (o-o indicates closed, o o indicates open):

JP1001 o-o
o o JP1005
JP1002 o o
o o JP1006
JP1003 o o
o-o JP1007
JP1004 o-o

8. Using solder wick or your preferred method of solder-removal, carefully
remove the jumper for JP1007. This enables the 134-174, 420-470 MHz
transmit.

9. Reassemble the radio, remembering to reinstall the gasket, and to
carefully reinsert the ribbon cable if you removed it from the socket, and

fasten down the little black socket locks.

10. Press the MHZ /\ and MHZ \/ buttons simultaneously while turning the power on to the radio. This enables the modification.

****
Manny Tau WH6OQ
taucom@kaiwan.com
CI$: 73617,1731
****

2288. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 16:00:30 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.793382430@melpar>
Source record: 251800

mack@ncifcrf.gov (Joe Mack) writes:

>I thought they were the initials of the 3 guys that designed it. N went
>on later (or maybe earlier) to make the N connector and C also had
>an independant career with the C connector. As to their names - sorry
>don't know.

Actually, it was two guys: Neill and Concelmann. They developed
a series of connectors, at least some of which were:

N - "Neill" connector
C - "Concelmann" connector
BNC - "Bayonet Neill-Concelmann" connector
TNC - "Threaded Neill-Concelmann" connector

As an interesting side note, since the connectors were all developed
by the same engineers there is a certain mount of "compatibility;" for
example, a type N male will plug into a BNC female since (a) the center
pins are the same size, and (b) the OD of the Type N inner sleeve is the
correct size to plug neatly into the ID of a BNC female. Try it sometime!

BTW, this "what is the origin of BNC" was the subject of a lengthy,
exhaustive (exhausting?) thread on sci.electronics back several months
ago. Sorry, I didn't save all the relevent history regarding who the
two guys worked for (I think it was Bell Labs, but that's just a guess);
the time frame during which the connectors were developed, etc., but
other translations aside, everyone pretty much agreed that originally
the letters N and C stood for the two developers.

Besides, if BNC stood for "British Naval Connector" or anything
else with "connector" as the third word, then referring to a "BNC
connector" would be redundant. ;-)

73,

Paul, K4MSG

2289. Wanted: Info on wind shear Radars in San Diego

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 16:19:37 UTC
From: kbanke@qualcomm.com
Message-ID: <kbanke-210295081437@kbanke-mac.qualcomm.com>
Source record: 251798

We are having tremendous interference on our 900 MHz ATV Repeater on Palomar Mt. in San Diego by what we think may be wind shear radars operating in the 900 MHz band in the San Diego area. Does anyone have info on these beasts or have any ideas as to what other types of radar may operate continuously on that band with maybe a 1-1.5KHz reprate? -Kerry N6IZW kbanke@qualcomm.com -

2290. need info on dayton

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 16:41:12 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3id538$835@godot.cc.duq.edu>
Source record: 251791

I am planning on going to dayton this year and this is going to be
my first time there.

any tips on what to do, where to go, where to stay, (must see, must do
kind of stuff) etc so as I can make the most use of my time while I
am there.

my interest is in QRP and plan on being there on Saturday, and Sunday
if I can get a hotel room.

any advice appreciated. please email responses.
thanks in advance.

73 de N3rkd jerry

2291. Is YU1 Serbia?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 16:47:40 UTC
From: dara@physics.att.com
Message-ID: <D4CzzH.Aq0@nntpa.cb.att.com>
Source record: 251794

How does one send a qsl card to a YU1 station? Is that addressed
to Serbia? The station I worked in Ethiopia listed a YU1
as his qsl manager.
Tnx. Shel WA2UBK dara@physics.att.com

2292. NVIS Antennas -- experience with

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 17:07:30 UTC
From: ronb@netcom.com
Message-ID: <ronbD4D0wI.58M@netcom.com>
Source record: 251807

Would like to hear from anyone with experience with near vertical incident skywave (NVIS) antennas. Particularly interested in comments on various configurations and which ones work best for you.

Ron

2293. Re: Too Much for Too Little (was re: The Legacy...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 17:15:00 UTC
From: jimkd0av@aol.com
Message-ID: <3id72k$6fc@newsbf02.news.aol.com>
Source record: 251802

KE4ITL wrote:

>The great part about ham radio is that there is something for everyone.
>We are all hams, not Ham-1st Class and Ham-2nd Class. If you know
>CW and have advanced past Technician or Novice, encourage people to
>learn the code and upgrade. If they don't want to, fine. Let them have
>fun with what they like to do and don't rag them because they don't want
>to learn CW.

I couldn't agree more and hope that this echos the sentiments of most people in radio. There are so many things to do regardless of license class. I think I have tried about all the different mode and types of operation...from traffic handling to contesting. Currently enjoying learning about satellite operation which doens't require a General or above license, but is plenty complicated. HF is fun but it isn't the ultimate. It seems that whatever you enjoy is the best...after all, it is a hobby.

73,
Jim KD0AV

2294. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 17:15:31 UTC
From: jimkd0av@aol.com
Message-ID: <3id73j$6fg@newsbf02.news.aol.com>
Source record: 251803

The major advantage that I have found with cw is that it allows u to communicate easily with minimum power and modest equipment.

73,
Jim KD0AV

2295. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 17:37:04 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.793388224@melpar>
Source record: 251784

jimkd0av@aol.com (JimKD0AV) writes:

>The major advantage that I have found with cw is that it allows u to
>communicate easily with minimum power and modest equipment.

Certainly, that is an advantage, and even with "modest power" one can do a credible job on HF virtually anytime except during a SID (sudden ionospheric disturbance) which wipes out all the bands. At any given time of day, some HF band is open to somewhere other than just across town. And, there never seems to be a dearth of operators willing to engage in a CW QSO.

Another *attraction* for me is operating under conditions where there is heavy QRM (such as during this past weekend's ARRL DX Contest) which requires a certain amount of practice and development of "selective hearing" (or, more properly, "selective comprehension") by "focusing" (wrong term for an audible skill, I know) on a specific signal to the exclusion of others only 100 Hz (or even less) away in pitch. I've enjoyed developing this skill (if it is truly a skill) and enjoy using it under "adverse" conditions (contests, pileups, noisy conditions, etc.) to snag new countries. Note that this is an *attraction* and not a particular *advantage*. And no, I don't have a DSP filter on my HF rig, just 500 Hz CW filter and a PBT which can screw it down to somewhere between 250-300 Hz. Anything after that uses the continuously-variable selective filter mounted between my ears. ;-)

However, what *I* like is not necessarily what *others* like, and in this age of digital communications I'm not sure that *requiring* someone to learn CW is relevant. In fact, I'll bet that there are some CW lovers whose real objection to "no-code" is based on a subliminal fear that, once code is no longer a *requirement,* code itself may be outlawed, like "spark" was. But spark was outlawed because it was wasteful of bandwidth and created massive interference problems, so *my* belief is that even if the code test requirement is ultimately done away with, the use of code will still be permitted as long as the transmitted signal meets appropriate purity and stability rules (none of which have anything whatever to do with one's code ability).

Were the code test requirement done away with, we'd probably see a lot of "code appreciation" groups springing up which would have special contests for code lovers, offer proficiency tests and certificates to encourage code participation (just like the old "Satellite DX Achievement Award" which encouraged people to try OSCAR 6 & 7 back during the '70s), etc. So it won't die for a long time, code test requirement or not. In fact, when it's no longer a requirement it may suddenly become an "in" thing to do, sort of like

"keeping alive an ancient skill."

73 DE K4MSG

2296. Re: Yippee! 4 days!...Ugh.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 17:47:29 UTC
From: Rick=Jones%InfoServices%District@banyan.cccd.edu
Message-ID: <3id8vh$f4l@spock.dis.cccd.edu>
Source record: 251783
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <D43Kt0.LAF@ranger.daytonoh.ncr.com>, greg.n.smith@daytonoh.attgis.com says...
>
>Yippee! I just got my FCC callsign. In only four days!
>
>Ugh! My new callsign is what?!
>
>KB8WUS?!
>

Stop being a WUS and take it like a man! :-) (Just kidding, for the humor impaired among us)

Seriously, that's a bad one. Refile a form 610 and keep your fingers crossed. Good Luck!

Rick, N6WQY

2297. HELP: Looking for repeater database

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 18:15:16 UTC
From: jsetzler@aol.com
Message-ID: <3idajk$755@newsbf02.news.aol.com>
Source record: 251786

Help!

I'm looking for a database or a text file that contains all or most of the information found in the ARRL Repeater directory. Is this available anywhere? I'm creating a database of my own and would like to import some of this information rather than keyboard all of it... Any assistance or suggestions would be GREATLY appreciated!

Please E-mail responses to: jsetzler@aol.com

Thanks in advance!

John Setzler - KD4YJO
Hickory, North Carolina

2298. ARLP009 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 18:37:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp009.1995@ampr.org>
Source record: 251787
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP009
ARLP009 Propagation de KT7H

ZCZC AP77
QST de W1AW
Propagation Forecast Bulletin 9 ARLP009
From Tad Cook, KT7H
Seattle, WA February 21, 1995
To all radio amateurs

SB PROP ARL ARLP009
ARLP009 Propagation de KT7H

This is a correction to ARLP008. Part of the packet and internet addresses for contacting the author were mixed up. They are repeated below, but substitute the ''at sign'', which is upper case numeral two or the small A with a circle around it, for the word ''at'' in the two addresses below.

Comments or questions to the author of the propagation bulletin may be sent via packet to KT7H at N7DUO.WA.USA.NOAM or via internet to tad at ssc.com.
NNNN
/EX

2299. ARLB018 SM election results

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 18:37:33 UTC
From: w1aw@arrl.org
Message-ID: <$arlb018.1995@ampr.org>
Source record: 251788
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB018
ARLB018 SM election results

ZCZC AG84
QST de W1AW
ARRL Bulletin 18 ARLB018
From ARRL Headquarters
Newington CT February 21, 1995
To all radio amateurs

SB QST ARL ARLB018
ARLB018 SM election results

Ballots have been counted for Section Manager elections in Arkansas,
Mississippi and Orange. Terms of office begin April 1, 1995.

The results are as follows:

In Arkansas
George Mitchell, KI5BV, 485
John Woolem, N5TKG, 105
Mitchell was declared elected.

In Mississippi
Ernest Orman, Jr. W5OXA, 217
Betty Dobbs, N5DUZ, 199
Orman was declared elected

In Orange
Joe Brown, W6UBQ, 1,125
Rich Heryford, WD6ESZ, 140
Brown was declared elected

Six other Section Manager positions were not contested. The
following were declared elected.

In Arizona
Clifford Hauser, KD6XH

In Iowa
James Lasley, N0JL

In Kentucky
Steve Morgan, WB4NHO

In Montana
Darrell Thomas, N7KOR

In North Texas
Bob Adler, NZ2T

In Wyoming
Rev Morton, WS7W
NNNN
/EX

2300. Mods for old YAESU FT-23R

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 18:52:35 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3idcpj$ck1@ecom1.ecn.bgu.edu>
Source record: 251792

Among the equipment I have is a Yaesu FT-23R.
It was modified at the time of purchase about 8 years ago for
extended TX.
I see now that the new FT-51R has secrete "soft modifications"
which aren't in the owners manual.
Was there any modifications available for the FT-23R
I am not familiar with, or is the extended RX and TX the only one?

Thanks,
Dave
mudaw@ecom.ecn.bgu.edu

2301. Remote Control RF Receiver Chips?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 18:58:05 UTC
From: ericf@naiad.tv.tek.com
Message-ID: <3idd3t$hl4@news.tv.tek.com>
Source record: 251785
Cross-posted to: rec.radio.amateur.misc,sci.electronics

Hi,

Can anyone suggest a vendor and part number for an RF Receiver IC for the
300MHz remote controlled environment, i.e. cheap, cheap, and cheap?

Thanks,

Eric Feign WB6BGV/7 __o
Video Transport o _`\<,_
Video Systems /<,_ (*)/ (*)
Tektronix, Inc. _~/(*) ,'''''''''''''''' __o
(*),''''' `(*)'\<,
''' `--'(*)
`---
Telephone: (503) 627-2320

e-mail: ericf@tv.tv.TEK.COM

US mail: MS 58-605
Tektronix, Inc.
P.O. Box 500
Beaverton, OR 97077

2302. Re: Too Much for Too Little (was re: The Legacy...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 19:48:26 UTC
From: little@iamu.chi.dec.com
Message-ID: <3idg2a$lh5@nntpd.lkg.dec.com>
Source record: 251799

In article <3i8jts$6iq@ixnews3.ix.netcom.com>, mjsilva@ix.netcom.com (michael silva) writes:
|>In <3hugoq$ob8@nntpd.lkg.dec.com> little@iamu.chi.dec.com (Todd Little) writes:
|>
|>> mjsilva@ix.netcom.com (michael silva) writes:
|>>
|>>> I disagree. I think it would matter a great deal. Much (most?) of what
|>>> is taken as anti-no-code feeling is, I believe, anti-no-theory
|>>> annoyance. In my case, I have only a weak attachment to CW as a test
|>>> element, but strongly believe that any ham with "full Extra privileges
|>>> above 30 MHz", as someone oddly put it recently, should have some idea
|>>> what's going on inside their Yaecomwood.

I forgot to mention this before, but what does "full Extra privileges above 30 MHz" mean? Only novices don't have full VHF+ privileges. Why not say "full Technician..." or "full General..." or "full Advanced..."? Would adding part 3B to the technician class tests suit you better? Maybe it should be called the no-code general license then? ;-)

|>>>
|>>And to Michael S, what does that have to do with the no code technician
|>>license? That argument is a condemnation of all the written tests
|>>and has absolutely nothing to do with one class or another. Or are you
|>>suggesting that elements 2 and 3a have some how become coorespondingly
|>>easier than elements 3b, 4a, and 4b?
|>>
|>The Tech License is the only license that has undergone two requirement
|>reductions (reduced written requirement in 1987 and elimination of code test
|>in 1991). The privileges relative to the effort/knowledge/skill required
|>are now out of all proportion to the other classes of amateur license. This

Just to clarify the record, in 1991 when the code requirement was eliminated, so were a corresponding set of privileges.

|>is not about no-code, nor is it Tech-bitching. It *is* an opinion about
|>standards, about the reasons and licensing requirements for an amateur radio
|>license. I can think of three ways to bring the Tech test back into line
|>with the rest of our license classes: (a) Reduce Tech privileges (never
|>happen), (b) Make the test tougher (question: why was the code
|>element simply *eliminated* instead of being *replaced* by an element
|>covering more VHF-relevant material?), or (c) Limit the Tech to 5 years --
|>welcome the newcomer with the Tech windfall, but require in return one
|>little upgrade after five years (and toss out HF code if you like, but MAKE
|>IT UP on the written!).

Again, I believe this has very little to do with the technician class license and could equally apply to most (all?) other classes. Plus if you think making the technician class license include part 3B is going to solve the problem, then I think you are incredibly naive. People learn and remember what they use. I knew calculus and how to solve differential equations 20 years ago. But since the last differential equation I solved was in a class I took 20 years ago, I can't say I remember how to do it now. The same is true with amateur radio. What part of their Yaecomwood would you like them to understand? The microprocessor control circuitry, the built in keyer circuitry, the CMOS fabrication technique used to build the chips, the soldering technique used for surface mount devices, the power amplifier circuitry? I hold an advanced class license and I'd be hard pressed to give you a lot of details about the insides of my modern HF/VHF transceiver.

Think about how much has changed in electronics over the last 40-50 years. Also think how much broader the amateur radio service is. Instead of one electronics technology to master (tubes) and 2 modes of operating (CW and phone), we now have many many more options and things to learn. Which of those areas would you have the perspective technician learn?

Please note, I agree that the current tests are somewhat lacking, but it's not just not part 2 and 3a that need work. Without studying I came within one answer of passing 4b and I studied all of an hour for 4a. I'm no god's gift to radio theory, but I know how to take tests. And in general, the current tests test your ability to take tests and not a whole lot more. Fix that problem first. Although even then if amateurs don't use the information they'll lose it. Harder tests won't make people use the information they learned. Only interest or need can do that.

Finally, what do you hope to accomplish by making the written tests harder? How will that change the amateur radio service? Can you measure that change so you'll have some way of knowing that the harder tests indeed have the desired effect? Is there some defect in the amateur radio population that you believe will be cured with a harder written test?

73,
Todd
N9MWB

2303. Special Event Station - Glenview, IL

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-21 20:40:18 UTC
From: donbonds@aol.com
Message-ID: <3idj3i$8h5@newsbf02.news.aol.com>
Source record: 251797

N9US SPECIAL EVENT STATION
"Last Flight Out" --- NAS GLENVIEW

GLENVIEW, ILLINOIS:
THE LAKE COUNTY (IL) R.A.C.E.S./ARES GROUP WILL OPERATE N9US FROM 1500Z
FEB 25, TO 2100Z FEB 26, OBSERVING THE END OF FLIGHT OPERATIONS AT
GLENVIEW NAVAL AIR STATION AFTER 58 YEARS OF NAVAL AIR SERVICE.

CW - 3.580, 7.035, 14.030, 21.140;
PHONE - 3.880, 7.280, 14.280, 21.320, 28.430;
OSCAR 10/13 SATELLITE 145.910;
PACKET 145.03.

FOR CERTIFICATE, SEND QSL AND A 9x12 SASE ENVELOPE TO:
LAKE COUNTY R.A.C.E.S., 1303 N MILWAUKEE AVENUE, LIBERTYVILLE, IL 60048.

2304. This Week in Amateur Radio Celebrates 100th program.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 01:18:56 UTC
From: kxkvi@delphi.com
Message-ID: <BQ9as5Q.kxkvi@delphi.com>
Source record: 251795

This Week in Amateur Radio Celebrates Edition #100

"This Week in Amateur Radio", North America's satellite-delivered amateur radio news and information service, celebrates its 2nd Anniversary this Saturday, February 25th, at 7:30 PM EST, with the airing of Edition #100. Along with the program's regular weekly features, host Stephan Anderman, WA3RKB, will anchor numerous live telephone call-in segments throughout the program. Calls will be accepted at 518/664-6809 to discuss amateur radio topics such as the new vanity call sign program; new amateur frequency allocation activity at 219, 902, and 2400 MHz; FCC reorganization and regulatory activities; or whatever comes to mind.

Originally known as "Amateur Radio Weekly" and first carried on the Spacenet III commercial satellite from southern California, production of the program moved to central New York in February 1993 when it was renamed "This Week in Amateur Radio". It was taken over the following month by the current production group and went on the air with a new, expanded format from the Albany, New York area on March 7th, 1993. The show went on a four-week hiatus during December 1993 in a transition from S3's "Let's Talk Radio Network" to the Galaxy III satellite and the new "Omega Radio Network", which features communications hobby programming. "Omega" and "This Week" moved to AT&T's Telstar 302, transponder 21 (11V), 5.8 MHz audio (4.120 GHz) earlier this month. T302 is located at 85 degrees west longitude in geosynchronous orbit.

"This Week in Amateur Radio" is produced by Community Video Associates, Inc., a New York not-for-profit corporation, and heard on nearly 100 amateur VHF/UHF repeaters throughout the United States and Canada, as well as nightly on the Gateway 160 Meter Net, WA0RCR, at 1860 kHz. Production, transmission, and maintenance expenses are underwritten entirely by contributions from the amateur community and program affiliates.

For further information, contact George Bowen, N2LQS,
(InterNet: KXKVI @ DELPHI.COM) or Stephan Anderman, WA3RKB, at 518/664-6809.
You may also reach them via amateur packet @ WA2UMX.FN32CR.ENY.NY.USA.NA.

2305. help

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 04:20:16 UTC
From: techman@ace.com
Message-ID: <2272.UUL1.3#25274@ace.com>
Source record: 251815

Hi,
I need help,when i have my computer on which is a Tandy 1000sl my 2m handheld has alot of noise comes over it,also the fm wireless intercom that i have also gets noise on it.I would like to find out is there anything i can do for this,one other thing.Iwould also like to know can i use the Tandy 1000sl for packet radio and if so how hard is it to hook up.Thanks in advance.

****
* *
* BOB BRUNDIGE *
*E-MAIL {techman@ace.com} *
AMATEUR CALL (N1UAN) *
****

2306. First rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 04:44:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A3F554.00CB0026F7.uuout@camel.com>
Source record: 251805

I was in about the same position not too long ago, not being a new ham but a bit of a Rip Van Winkle ham. I started with an HT, the Kenwood TH22AT ($225 new). I thought it would serve all my purposes -- HT, mobile, packet, whatever I wanted. I've been very happy with it as an HT, but it has its limitations in the car. The main one is audio level. It's just not quite loud enough to make it over the road noise. Also, when I connect it to an external antenna, it gets a fair amount of intermod. (I live near downtown Austin, TX.) I got a little amplifier to cure the low power problem and an external speaker/mic, but the audio was still too low and it was very inconvenient to hook up an audio amp. (I need a three conductor subminiature jack and can't find one.)
So I recently bit the bullet and picked up a mobile rig. I got a Yaesu FT2400H ($250 used), and I love it. I have a gain antenna on the roof and I *never* get intermod. I really wanted to go with a dual bander, but everyone I talked to complained about the intermod. (They make the receiver front ends wide open for extended receive and that makes them suceptible to intermod.)
Now I use the HT as an HT and it's great. (I'm brand new to packet so the jury is still out.) The mobile is great too. I'd suggest you decide which you want more -- handheld or mobile and go from there. I've heard lots of great things about the HTX-202 from Radio Shack -- check it out too. I'm going to wait for the next generation of dual banders... 73, Robert WD5AAT

---
* UniQWK v3.3a* The Windows Mail Reader

2307. Merci!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 04:44:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A3F554.00CB0026F8.uuout@camel.com>
Source record: 251806

Wow! What a great list! Thanks a lot! I speak pretty fair French so I'm going to give it a try. Merci encore! 73, Robert WD5AAT

---
* UniQWK v3.3a* The Windows Mail Reader

2308. rec.radio.amateur.misc Frequently Asked Questions (Part 1 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 06:12:08 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-1-793433522@oes.amdahl.com>
Source record: 251730
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

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Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part1
Revision: 1.7 10/23/94 20:52:50

Rec.radio.amateur.misc Frequently Asked Questions
Part 1 - Introduction to the FAQ and Amateur Radio
------------------------------------------------------------------------------

This is a regular posting of frequently-asked questions (FAQ) about Amateur
Radio, also known as Ham Radio. It is intended to summarize some common
questions on the rec.radio.amateur.misc newsgroup and Info-Hams mail list
as well as to help beginners get started.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good
signal-to-noise ratio in the newsgroup. However, they can't do it alone - you,
the reader, have to use them.
* If you are a new user, please print and review the FAQ articles and look at
the instructions in the news.announce.newusers newsgroup before posting any
articles. If you don't find the answer in the FAQ and you have tried
elsewhere, then you have "done your homework" and it is acceptable to ask
the question on the UseNet newsgroups. Along with your question, please
state where else you have looked for the answer so others also know that
you have done your homework.
* If you are an experienced user, please help by refraining from answering
frequently-asked questions on the newsgroup if they are already answered by
the FAQ articles. Instead, send e-mail to the user who asked the question.
(It will be helpful if you include the part of the FAQ that answers their
question, but not the whole thing.)

The FAQ cannot always prevent people from posting repetitive questions. But
even if hundreds of questions get posted, it saves you from having to answer
them hundreds of times. Also, a friendly pointer to the FAQ in your first
answer can help that person refer to the FAQ in the future. That is when we
can begin to get a real savings of network bandwidth.

To reduce the size of each article, the FAQ information is posted in 3 parts:
Part 1 - Introduction to the FAQ and Amateur Radio
Part 2 - Amateur Radio Organizations, Services, and Information Sources
Part 3 - Amateur Radio Advanced and Technical Questions

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** How do I become a 10-10 member? (9/93)
** How do I join MARS? (9/93)
** How do I join RACES? (pre-4/92)
** What organizations are available to help handicapped hams? (pre-4/92)
** I am looking for a specific ham, can anyone help me find him? (6/93)
** Can I post my neat new ham related program on rec.radio.amateur.misc?
(pre-4/92)
** Where can I get ham radio software for my computer? (9/93)
** Are there Dialup News services or BBSs for Amateur Radio? (4/92)
** Where can I find VE sessions in my local area? (9/93)
** Why isn't XXX available electronically? (1/94)
** I'd like to volunteer to help ham radio through electronic
information services like those mentioned in this FAQ list.

Where should I start? (2/94)

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--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 1--

** Introduction to the FAQ

* How to Contribute to the FAQ Articles

We accept suggestions from the Amateur Radio community. Please consider that all new contributions need to be SHORT and concise in order to be included. If a contribution is too long, the FAQ editors can help you find a more appropriate FTP archive or mail server for your article.

We always accept corrections. Please allow some time (often not the next issue of the FAQ) because the FAQ maintainers do this as volunteers so each must give higher priority to their employers.

Send correspondence to hamradio-faq@amdahl.com so that it will reach all the FAQ coordinators: (listed in alphabetical order)

Ed Hare KA1CV ehare@arrl.org (Newington, CT, USA)
Jack GF Hill W4PPT root@jackatak.raider.net(Brentwood, TN, USA)
Ian Kluft KD6EUI ikluft@oes.amdahl.com (Santa Clara, CA, USA)

Paul Schleck KD3FU pschleck@gonix.com (Omaha, NE, USA)
Chris Swartout N6WCP cas30@uts.amdahl.com (San Jose, CA, USA)
Steve Watt KD6GGD steve@wattres.sj.ca.us (San Jose, CA, USA)
Rosalie White WA1STO rwhite@arrl.org (Newington, CT, USA)
Derek Wills AA5BT oo7@astro.as.utexas.edu (Austin, TX, USA)

* Please Send Questions to the Newsgroups, Not the Editors

We wish it wasn't necessary to say this. Please don't send questions to the editors (unless you are sending an answer with it as a submission for the FAQ.) The proper procedure for questions on UseNet is
1) Read the FAQ
2) if it isn't there, check other sources (see Part 2 of the FAQ for electronic sources including Mosaic/WWW)
3) post on the newsgroup

The Internet has become an atmoshpere where questions are asked of everyone as if they have an infinite amount of time to help. The volunteers who maintain the FAQ do not have time to answer questions. Some FAQ maintainers on other newsgroups have been led to believe that no good deed goes unpunished - let's avoid bringing the same end to this effort.

* Call for FAQ Editors

As with any volunteer effort, new volunteers are often needed. The previous paragraph may have already given a hint about this: we need a new editor to post the Ham Radio FAQ. Preferably this should be someone who has enthusiasm for Ham Radio, experience with UseNet, and the ability to work with the other editors. No single person can know all the various aspects of this diverse hobby so the editorial review group is intended to make a greater combination of experience.

The FAQ is currently posted with the AUTO-FAQ software, which is written in PERL. So it would be a plus for volunteers to post the FAQ to have PERL installed on their system and be able to use "cron" or "at" so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer should contact hamradio-faq@amdahl.com.

* Acknowledgements

All questions listed as modified "pre-4/92" are entirely Diana Carlson KC1SP's work or her editing of a contributor's work. Diana established this FAQ and credit is due to her for founding this project.

Thanks to Devon Bowen KA2NRC for accepting this FAQ in e-mail every month to keep the FTP archive at ftp.cs.buffalo.edu up-to-date.

* Notes on "Netiquette"

The rec.radio.amateur.misc newsgroup and Info-Hams mail list have a large daily volume of traffic. They can operate more efficiently if the following netiquette guidelines are followed. Please take them seriously.

* If you are new to UseNet, the introductory articles in news.announce.newusers are required reading. Go to that newsgroup now. Definitely, read the instructions there before posting anything. Other rec.radio.amateur.* readers will appreciate it!
* Pick the right newsgroup. Use only the most specific newsgroup for your subject. For example, a question about a homebrew antenna only needs to be posted to rec.radio.amateur.antenna. Also, don't post to rec.radio.amateur.misc when the subject can go in another rec.radio.amateur.* newsgroup. So, when there is a more specific newsgroup, that's the one you want.
* When posting a followup article, ALWAYS try to minimize the number of lines of quoted material from the original article.
* As a general rule when you try to determine whether to reply to someone by e-mail or with a followup article, remember to "praise in public, criticize in private." It's OK to disagree technically but be careful not to attack the person with whom you disagree. Also, be careful with your use of the word "you" when posting a follow-up article. Many unnecessary flame wars have started that way.
* Use a descriptive subject. For example, a message subject of "Ham Radio" tells the reader NOTHING about the contents of your article since the whole newsgroup is about Ham Radio. Other examples of subjects which are so broad that they become useless could include, "Help," "A Question," "Antennas," or "Frequencies." Maybe "Books on Antennas?" or "Where can I find Repeater Frequencies?" would be better, for example. Remember, in a busy newsgroup a lot of users decide which articles to read from the subject line alone. If you post, don't deprive yourself of an audience!
* Before answering a question, check if the FAQ adequately answers it or if someone else already answered it. If you have more to add, make sure to reference either the FAQ or the related articles.
* If a user posts a question which is directly answered by the FAQ, there is no need to post an answer - the information is already available on the newsgroup. Instead, just send an e-mail message which politely explains where to find the FAQ. They will probably appreciate it if you include the answer to their question. (Don't send a "nastygram" - that would just discourage future participation.)
* Pay attention to the size of your audience - use the "Distribution:" header. If you leave it blank, your message will go to every civilized country in the world and occupy disk space in all news systems in all those places. If that's what you intend, that's fine but make sure your article is relevant outside your country. (In particular, Hams should already know there is more to the world than just their own country.)
* If you have an item for sale, please limit the distribution area so that, for example, an article about a radio for sale in New Jersey won't get to California or Europe. If you wish, you may cross-post

your for-sale article to rec.radio.swap.
* Software sources should be posted to either alt.sources, comp.sources.misc, or comp.sources.* for a specific machine type. Software binaries should be posted to the appropriate subgroup of comp.binaries.

** What is Amateur Radio?
Amateur Radio is a non-commercial radio communication service whose primary aims are public service, technical training and experimentation, and communication between private persons. Amateur Radio operators are commonly called hams. Hams often communicate with each other recreationally but also provide communications for others at public events or in times of emergency or disaster.

** Who can become a ham?
The answer to this question differs in every country.

The answer for the USA is listed below. If your country has a newsgroup specifically for it (i.e. UK, Australia, Germany) the most accurate answers can be found there. See Part 2 for the list of region-specific newsgroups.

If that doesn't help, the American Radio Relay League (ARRL) may be able to help because they communicate with similar organizations in other countries, probably including yours. They can be reached by electronic mail or surface mail (see Part 2.)

In the USA, anyone who is not a representative of a foreign government can be an Amateur Radio operator. There are tests that you must pass to get a license, however the tests are not insurmountable. On that general level, the requirements are probably similar in almost every country.

For more information on becoming a Ham in the USA, the ARRL has a toll-free number where you can request information: 1-800-32-NEW-HAM (don't worry about the number being one digit too long - the phone system ignores it.) Other information can also be obtained from the ARRL e-mail information server in the file called PROSPECT. Details on the server are in Part 2.

** Where can I locate information and books on Amateur Radio?
Your local Radio Shack sells some ham radios and Amateur Radio license books. Books can also be obtained through the mail from ham radio organizations, such as ARRL in Newington, CT (203-666-1541) and W5YI in Dallas, TX (1-800-669-9594). There may be one or two ham radio stores in the local area (ie, within 50 miles). Try looking in the Yellow Pages under Radio Communications.

For the Novice license, get a Novice License manual, plus 5-word-per-minute Morse code tapes, costing around $25. For the Technician license, get a combined Novice and Technician License manual, and an FCC

Rules manual, costing around $32. The FCC Rules manual is a good idea for Novice also, but not necessary, since the Novice License manual contains all the FCC Rules that are required for the Novice License.

The ARRL Education Activities Department has several programs to help amateurs (or prospective amateurs) to get started. Ask for a "New prospect package" available free of charge, from ARRL HQ, Educational Activities Department, 225 Main St, Newington, CT 06111.

Information on Ham Radio can also be obtained with your computer. Part 2 of this FAQ contains a significant amount of material on that subject.

** How much does it cost?
To take the tests for any class of amateur radio license, there is a small charge (around $5-$6 currently) to cover copying costs and running the testing sessions. (Due to changes in 1993, Novice tests are under same procedures as the others.) The cost of a radio is really dependent on what you want to do. You can make your own radio and antenna for under $150. You can buy a used single-band radio for $150-$300. Or you can buy a new multi-band multi-mode radio with all the doodads for $300-$3000. I'd suggest you learn more about ham radio, talk to local hams, find out what you want to do with ham radio first.

** Where can I take the tests?
The Novice tests Used to be given by any two qualified hams of General class license or above. Now all the license tests are given by three qualified Volunteer Examiners (VEs) who volunteer their time.

To locate an ARRL testing session in your area, you can contact ARRL at 203-666-1541 x282.

See also the section "Where can I find VE sessions in my local area?" in Part 2 because more information is available via UseNet.

** What are the tests like?
First off, come prepared to VE sessions. Bring: TWO forms of ID, one of which has a picture on it; a calculator (if necessary); a pen and two pencils; the applicable examination fee (around $5-$6 for 1993); the original AND a copy of your current Amateur Radio license (if you have one); the original AND a copy of any CSCEs for tests you've already passed (if you have any).

Each of the written tests (Novice, Technician, General, Advanced, and Extra) are generally a multiple choice test of approximately one-tenth of the question pool. For example, if the question pool is approximately 300 questions, then the test will be a 30-question test. You need to get 75% correct to pass. Note that they truncate to determine the correct number of questions. That means for a 30 question test, you need to get 22 right, which is actually only 73.3%.

Once you've paid the small fee for Technician-Extra tests, it costs no extra to take another test, so I'd suggest you keep taking the next more advanced test until you fail. If you pass the written but not the Morse code (or vice versa) for a specific class license, you have up to one year to take the other test before you would have to retake the written test again. Note that some VEs will not allow you to take the written test unless you've first taken the Morse code test.

The Morse code test is a receiving test only. The test run 5 to 7 minutes. After the test, you are given a 10-question multiple-choice or fill-in-the-blank test. Passing grade is 7 or more. If you fail the 10-question test, the examiner team will examine your copy sheet to see if you have 1 minute of solid copy with no errors. For 5 wpm, that's 25 characters, for 13 wpm, that's 65 characters, for 20 wpm, that's 100 characters. If they can find 1 minute solid copy, you've still passed.

Hints on Morse code tests: Generally, it will be a standard QSO (conversation), and it MUST contain at least one of each of the following:
26 letters A-Z, 10 numbers 0-9, comma (,), period (.), slant or slash (/), question mark (?), double dash prosign (BT), end of message prosign (AR), end of contact prosign (SK).
The letters count as one character, all others count as two characters. There are a couple other prosigns which are worth knowing, but will not be on the test, like "I'm done talking, next" is K, "I'm done talking, back to you" is KN, "Please wait" is AS.

** What can I do with a ham radio license?
There are so many things, it's a difficult question to answer, but here's some ideas:
* Talk to people in foreign countries.
* Talk to people (both local and far away) on your drive to work.
* Help in emergencies by providing communications.
* Provide communications in parades or walkathons.
* Help other people become hams.
* Hook your computer to your radio and communicate by computers.
* Collect QSL cards (cards from other hams) from all over the United States and foreign countries and receive awards.
* Participate in contests or Field Day events.
* Provide radio services to your local Civil Defense organization thru ARES (Amateur Radio Emergency Service) or RACES (Radio Amateur Civil Emergency Service).
* Aid members of the US military by joining MARS (Military Affiliate Radio System).
* Participate in transmitter hunt games and maybe build your own direction-finding equipment.
* Have someone to talk to on those sleepless nights at home.
* Receive weather pictures via satellites.
* Build radios, antennas, learn some electronics and radio theory.
* Talk to astronauts in space, or use the moon to bounce signals

back to people on the Earth.
* Experiment with Amateur TV (ATV), Slow-Scan TV (SSTV), or send
still-frame pictures by facsimile.
* Experiment with amateur satellite communications.

** What can't I do with an Amateur Radio license?
The most important thing you can't do is transact business of any
kind over ham radio. Interference to other hams or services, as
well as obscene, profane or indecent language is not tolerated and
is illegal. Music and broadcasting are not allowed on ham radio.
Some personal conversations may not be appropriate to Amateur Radio.
Do you really want the whole world to hear about Aunt Mabel's
hemorrhoids?

** I'm interested, who will help me?
There are hams who are willing to become "Elmers" (mentors, helpers)
in your local area. Look around and ask local hams. Search out local
radio clubs. As well, some people have volunteered to be an Elmer
over the Usenet. A list of UseNet Elmers and their e-mail addresses
is posted to the newsgroup monthly. If anyone wants to be an Elmer,
send e-mail to
elmers-request@unomaha.edu

There is also a lot to be said for exploring on your own. Take a
look around the FTP archives and e-mail servers listed in Part 2.
There's so much out there on UseNet, you'll find plenty of things
you're interested in.

** Should I build my own equipment or antenna?
[see also rec.radio.amateur.homebrew and rec.radio.amateur.antenna]
"Homebrewing" is a fun and educational part of ham radio. It is a
thrill to build your own transmitter and put it on the air. However,
building your own receiver can be quite complicated; if you don't have
electronics experience, you may want to buy a receiver instead. Most
homebrew transmitters are QRP (transmit very low power). That's fine
for an experienced ham with a very good antenna, but a Novice ham will
just get frustrated. Your first rig, therefore should NOT be a home-
brew.

Antennas can be much simpler projects than the transceiver, though
some types are also quite involved. Most hams build their own anten-
nas for base station use and buy antennas for mobile (car) use. Most
beginner ham books describe how to build different types of antennas.
Order of difficulty, from easiest to more difficult, for some common
antennas are: wire dipole, Zepp, Yagi, Quad, and Log-Periodic. Books
from many sources, including ARRL and several Hams, discuss antennas
in depth.

When building or even understanding antennas, it is good to know the
relationship between the antenna element length and the frequency or
wavelength it is designed for. An antenna performs best at multiples
of 1/4 of that wavelength, though 5/8 wave also has beneficial qualit-

ies. The wavelength is related to the frequency with the following formula:

wavelength (in meters) = 300 / frequency (in megahertz)

You do not need a huge antenna or tower like ones you may see around your neighborhood. Large beam antennas and 40-foot towers are very expensive. As a beginner, a simple dipole antenna is perfectly adequate. As you gain experience (and money :-), you may want to invest in something bigger.

If you can afford new rigs and antennas, there are many mail order stores that advertise in ham radio magazines. If you want to buy a used rig, the best place is at a "hamfest" (ham flea market). You should take along an experienced ham, since some of the used equipment may be inoperative, overpriced or poor quality. You can also answer ads in ham magazines or posted at ham radio stores, although often, by the time you call, the equipment has already been sold.

2309. rec.radio.amateur.misc Frequently Asked Questions (Part 2 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 06:12:43 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-2-793433522@oes.amdahl.com>
Source record: 251731
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

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Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part2
Revision: 1.4 10/23/94 20:51:58

Rec.radio.amateur.misc Frequently Asked Questions
Part 2 - Amateur Radio Organizations, Services, and Information Sources
------------------------------------------------------------------------------

Questions discussed in Part 2: (dates indicate last modification)
** Where can I find Ham Radio information with a computer? (8/94)
* Mosaic, World-Wide Web, Gopher, and WAIS (8/94)
* The rec.radio.* newsgroups (2/94)
* The ARRL e-mail server (1/93)
* The KA6ETB e-mail "HAM-server" (10/94)
* The Internet File Transfer Protocol (FTP) (2/94)
* Access to FTP archives via electronic mail (1/93)
* The Ham-Radio mail list: rec.radio.amateur.misc by mail (9/93)
* Telephone BBS's with Ham-related information (9/93)
* Callsign servers and geographical name servers (1/94)
* FTP access to FCC Part 97 and FCC Amateur Radio question pools (1/94)
* Lists of radio modifications and extensions (2/94)
** Can I send ARRL or W5YI electronic mail? (11/92)
** "Why doesn't the ARRL do...?" (11/92)
** What magazines are available for Ham Radio? (pre-4/92)
** How do I use the incoming and outgoing QSL bureau? (11/92)
** Are there any news groups for CAP? (11/92)
** What's the name of the QRP club that issues QRP numbers? (9/93)
** How do I become a 10-10 member? (9/93)
** How do I join MARS? (9/93)
** How do I join RACES? (pre-4/92)
** What organizations are available to help handicapped hams? (pre-4/92)
** I am looking for a specific ham, can anyone help me find him? (6/93)
** Can I post my neat new ham related program on rec.radio.amateur.misc?
(pre-4/92)
** Where can I get ham radio software for my computer? (9/93)
** Are there Dialup News services or BBSs for Amateur Radio? (4/92)
** Where can I find VE sessions in my local area? (9/93)
** Why isn't XXX available electronically? (1/94)
** I'd like to volunteer to help ham radio through electronic
information services like those mentioned in this FAQ list.
Where should I start? (2/94)

--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 2--
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** Where can I find Ham Radio information with a computer?
This question has many answers spanning several electronic media including WWW, UseNet, electronic mail, the Internet, dialup BBS's and others. Various electronic information sources are summarized under the subheadings that follow.

All electronic mail addresses listed are in Internet format. If your site is not connected to the Internet and does not support Internet-style mail addresses, you will need to contact either your system administrators or a local "guru" to find out how or if you can send mail to the sites listed. Ask them, "how can I get mail to the Internet?" and show them the address you're interested in.

* Mosaic, World-Wide Web, Gopher, and WAIS
A new generation of information retrieval tools exploded into great popularity on the Internet in 1993 and 1994. They are the gopher protocol, wide-area information server (WAIS) and World-Wide Web (WWW). They are indeed complete topics of discussion unto themselves which can be found, among other places, in the following newsgroups:

comp.archives
comp.infosystems.announce
comp.infosystems.gopher
comp.infosystems.wais
comp.infosystems.www

Please read those newsgroups if you have questions about the software or how to use it.

At the current rate of growth, we can never hope to list all the servers. We would like cooperation from people who assemble WWW servers to add references to other useful Ham Radio information available at other WWW, gopher, WAIS, and FTP sites. That way the FAQ can direct readers to servers that can reference more servers with more information than we can include on a periodic UseNet posting.

Some useful URLs (uniform resource locators) which can be used with WWW (Mosaic, Lynx, etc.) are as follows:

General Ham Radio Information:

Amateur Radio Virtual Library
http://buarc.bradley.edu/wwwvl-ham.html
Ham Radio FAQs & info: (The OSU server turns this into WWW hypertext)
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/top.html
file://rtfm.mit.edu/pub/usenet/radio/ham-radio
all radio FAQs & info:
http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/top.html
wais://rtfm.mit.edu/usenet/radio
Federal Communications Commission:
http://www.fcc.gov/
http://www.fcc.gov/1/Private_Radio
North Carolina State HamRadio WWW Server:
http://www.acs.ncsu.edu/HamRadio

Yahoo's Ham Radio Index:
http://akebono.stanford.edu/yahoo/Entertainment/Hobbies_and_Crafts/Amateur_Radio/
EINet Galaxy's Ham Radio Page:
http://www.einet.net/galaxy/Leisure-and-Recreation/Amateur-Radio.html
O'Reilly's Whole Intrernet Catalog's Ham Radio Page:
http://nearnet.gnn.com/gnn/wic/hobbies.02.html (Eastern USA)
http://www.digital.com/gnn/wic/hobbies.02.html (Western USA)
http://bond.edu.au/gnn/wic/hobbies.02.html (Australia)
http://quasar.sba.dal.ca:2000/gnn/wic/hobbies.02.html (Eastern Canada)
http://www.wimsey.com/gnn/wic/hobbies.02.html (Western Canada)
http://www.Germany.EU.net/gnn/wic/hobbies.02.html (Germany)
http://www.ntt.jp/gnn/wic/hobbies.02.html (Japan)
http://www.elvis.msk.su/gnn/wic/hobbies.02.html (Russia)
http://src.doc.ic.ac.uk/gnn/wic/hobbies.02.html (UK)
University of Buffalo's FTP server:
file://ftp.cs.buffalo.edu/pub/ham-radio
Oakland University's FTP server:
file://oak.oakland.edu/pub/hamradio

Specialized Topics:

SAREX: Shuttle Amateur Radio Experiment
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html
Morse Code Demo
http://macgwy-mac2.gsfc.nasa.gov/GARC/exp/morse.html

Although still very much works-in-progress, the last two URL's
are excellent examples of WWW servers with numerous references
to other resources.

* The rec.radio.* newsgroups
The primary distribution mechanism for this FAQ is UseNet. There
are several newsgroups dealing with Amateur Radio and other aspects
of radio. The full list is as follows:

rec.radio.amateur.misc (*) Ham Radio - misc/general topics
rec.radio.amateur.antenna Ham Radio - antenna construction/theory
rec.radio.amateur.equipment Ham Radio - manufactured equipment/mods
rec.radio.amateur.digital.misc Ham Radio - digital radio modes: packet/
AMTOR/RTTY/etc (formerly r.r.a.packet)
rec.radio.amateur.homebrew Ham Radio - radio experimentation, kits
rec.radio.amateur.policy Ham Radio - policy & regulation
rec.radio.amateur.space Ham Radio - satellites, EME, shuttle/MIR
rec.radio.broadcasting public broadcast radio
rec.radio.cb Citizens' Band Radio
rec.radio.info (*) periodic info from all rec.radio groups
rec.radio.noncomm misc non-commercial radio topics
rec.radio.shortwave Shortwave Radio
rec.radio.scanner Utility Radio above 30Mhz
rec.radio.swap radio equipment wanted and for sale

Country- or region-specific newsgroups include the following:
aus.radio Australia (misc radio topics)
aus.radio.amsat Australia (amateur satellites)
aus.radio.packet Australia (packet radio)
de.comm.ham Deutschland/Germany
fj.comm.ham Japan
uk.radio.amateur United Kingdom
in.ham-radio USA, Indiana
sbay.hams USA, CA, South Bay Area/Silicon Valley
triangle.radio USA, NC, Research Triangle area

This FAQ is cross-posted to the newsgroups marked with asterisks (*).
It is also cross-posted to rec.answers (the archive for FAQs in the
rec.* newsgroups) and to news.answers (UseNet's general repository for
FAQs.) These should be the first places to look for new current
copies of the FAQ.

Most of the rec.radio newsgroups have their own FAQs as well.

* The ARRL e-mail server
ARRL is the American Radio Relay League, representing and promoting
Amateur Radio in the USA. They have established an automated file
server which responds to information requests via electronic mail.
To use the server, send mail to info@arrl.org with any number of
one-line commands in your message. Valid commands are as follows:

help sends more detailed instructions about the e-mail server
index sends a list of the files currently available
send file sends a file (replace "file" with the file's name)
several files are referenced by name in parts of this FAQ
quit ends command processing - use it if a signature will be
appended to your message

The server program will respond to the commands, each in a separate
message. Among many other informative files, a current copy of the
FAQ (updated monthly) can be obtained from the ARRL e-mail server.
Other parts of this FAQ refer to specific files on the ARRL server.

* The KA6ETB e-mail "HAM-server"
Steve Harding KA6ETB has an e-mail server on his 486 PC at home with
over 70 megabytes of Ham Radio-related files (at the time of this
writing.) You can request any of those files with an e-mail message
to the HAM-server at "ham-server@grafex.sbay.org". This site
has a mostly-different selection of files than the ARRL, though some
overlap is unavoidable. The HAM-server contains many plain-text
articles along with programs for MS-DOS & Windows, Unix, Mac, and
OS/2.

Use these commands to send requests to the KA6ETB HAM-server.
HELP instructions and info about the HAM-server
INDEX list of files available from the system
GET <file> send a file (see the HELP notes for more info on
getting binary files in uuencode or xxencode format)

NEWFILES <date> list of new files since the given date
PING used for testing your path to the HAM-server, it just
sends a simple reply so you can look at the path data
QUIT makes the HAM-server stop reading the message (so it
won't try to read your .signature)

Submissions for inclusion in the HAM-server may be mailed in UUENCODED
format to "incoming@grafex.sbay.org".

* The Internet File Transfer Protocol (FTP)
Sites connected to the Internet can access large amounts of data
almost anywhere in the world, often at high speeds. One common way
to transfer the data you want is FTP. Some sites offer a service
called "anonymous FTP" which allows remote users to access a set of
public files without requiring a password.

Perry Rovers coordinates a fairly definitive list (formerly
maintained by Tom Czarnik) of anonymous FTP sites, their IP
IP numbers, time zones, general contents, and access policies
which he posts to several newsgroups, including comp.archives,
comp.sources.wanted and news.answers. It is itself available
via anonymous FTP (how about that?? :-) from (among other places)
rtfm.mit.edu under directory /pub/usenet/news.answers/ftp-list.

For specific information about exact locations of files by name,
the Archie database server may be of help. First check if anyone has
installed the "archie" program on your machine and use it. Archie may
also be accessed by telnetting to one of many sites. The list
of archie sites is numerous and growing fast. For a current
list of sites, telnet to archie.sura.net (login "archie"), then
please use the one closest to you to conserve network bandwidth.

For those without telnet capability, the database may be accessed non-
interactively via mail server. Send E-mail with the word "help" to
archie@host where host is one of the Archie sites above.

The above two resources (the FTP list and the Archie server) are
extremely powerful tools for finding out "what's out there" at various
FTP sites around the world. *PLEASE* exhaust their capabilities
before posting requests to the net.

The following is a brief summary of major ham-related FTP sites and
places where you can obtain a current copy of this FAQ:

ftp.cs.buffalo.edu:/pub/ham-radio
(submissions to this ftp site should be made to
bowen@cs.buffalo.edu) - Contains many ham radio files,
including the FAQs, Elmer list, SWL and scanner info, Packet
FAQ, examination opportunities, information on various
regulations, information on commercial radios (i.e. GE or
Motorola), SSTV (slow-scan TV), HTs (handheld transceivers).
Recently, the rec.radio.amateur Working Group (rra-wg,
see below for more information about their mailing list)

has started to encourage archivers of radio modification
instructions to mirror them at this site. In this way,
maintainers may come and go but the collection of
mods will remain continuously available (and undergo
constant positive growth). This FAQ is updated monthly
here.
grivel.une.edu.au:/pub/ham-radio
Australian mirror of ftp.cs.buffalo.edu
nic.funet.fi:/pub/ham
This is one of the largest FTP sites in Europe and maybe the
most popular. /pub/ham/info contains a mirror of Buffalo.
Other topics available here include amiga, antenna, HF, packet,
satellite, scanners, program sources, VHF and others.
This site is also one of the article archives for the
rec.radio.info newsgroup.
ftp.uu.net:/networking/ka9q
A large FTP site in the USA - UUNET contains sources and
binaries for many different types of computers.
ftp.ucsd.edu:/ (site was down when we were looking for the new path)
The "home" site (with the most recent versions for the largest
number of different computer platforms) of the KA9Q TCP/IP
Network Operating System (NOS), other ham-related software,
and the archives for the Info-Hams, Packet-Radio, Ham-Policy,
Radio-Info and TCP-Group digests.
vixen.cso.uiuc.edu:/pub/ham-radio
This site contains the HyperCard Hamstacks written by Diana
Carlson as well as ASCII readable ham radio question pools.
ftp.apple.com:/pub/ham-radio
Ham software and information, especially Macintosh software
rtfm.mit.edu:/pub/usenet/news.answers/radio/ham-radio
all participating FAQs and periodic informational postings are
archived here, including those from the rec.radio.* newsgroups
which can be found in pub/usenet/news.answers/radio.
Participating FAQs are automatically archived here when they
are posted on UseNet.
ftp.amdahl.com:/pub/radio/amateur
cd pub/radio/amateur - the most up-to-date copy of the FAQ
(updated nightly when changes are made)
world.std.com
The Ham Radio archive at this site has been moved to
oak.oakland.edu.
oak.oakland.edu:/pub/hamradio
oak.oakland.edu:/pub/hamradio/arrl
Mac, Amiga, Atari, PC files in their own subdirectories.
Also radio mods and an Internet mirror of the ARRL info
server.

See also the file FTP-INFO on the ARRL e-mail server.

If you experience difficulty connecting to the above FTP sites, some
troubleshooting hints are shown below. The unfortunate situation here

is that Netnews is far more prevalent than direct Internet hookups, accurate name servers, smart mailers and routers, and of course, telnet and FTP client services. What this means is that your trouble may be caused by MANY factors.

Here's some hints to check what's wrong:
* It may very well be that your newsfeed and email are via dialup line and UUCP (Unix-to-Unix copy) in the wee hours of the morning. If this is the case, then you have no direct connection to the Internet and thus cannot use real-time interactive services like FTP and telnet.
* If you are at a college or university, your host (ie, the computer you are logged onto) may be on the Bitnet network, which has an email gateway to the Internet, but no direct connect capability.
* If you do have a direct connection to the Internet, does your host have telnet and/or FTP client programs? (ie, if you type "ftp" or "telnet" at your command prompt, do you get anything?) Many hosts, particularly IBM mainframes not running Unix, do not support these services!
* Can you telnet to other hosts and get a login prompt?
It may very well be that some hosts are "not recognized" due to misconfigured connections and inaccurate host tables/name servers (*.mil computers are *NOTORIOUS* for this!)
* If you get "host not in host table" or "host unknown" or similar error, try telnetting via the IP number, a set of four 1-3-digit numbers separated by periods (eg, 198.137.220.1). The exact IP number for the site can be obtained via the nslookup utility, if your computer supports it. (The FAQ does not print IP addresses any more because they change so often.) Your system may not recognize the "fully-qualified domain name" (like callsign.cs.buffalo.edu), but it should ALWAYS recognize an IP number if their network is reachable from yours.
* If you get "network unreachable" check with some more knowledgeable users if your site is actually connected to the Internet. If it is, a link in the network may be temporarily disconnected for maintenance (or by accident.)
* In the case of telnetting to a non-default port (as in the case with the callbook servers), if telnet <host> <port#> doesn't work, but you can telnet to the default login port (ie, no qualifiers), then the manner at which the port qualifier is entered may be system dependent. Also, at many education sites, it is common practice to block telnet connections above TCP socket 1000 or so in a somewhat misguided attempt to block usage of "recreational" TCP socket applications such as Multiple User Dungeons (MUD's) or Internet Relay Chat (IRC). In most cases, a polite word to the system administrators, pointing out the worthwhile services available on sockets 2000 and 3000 will get telnet service unblocked, at least for those ports.
* Syntax for telnetting from different operating systems differ. Some common command syntaxes are: (angle brackets are for

readability, do not type these in literally)
Berkeley Unix or VMS with Wollongong TCP/IP uses syntax:
telnet <host> <socket#>
Other possibilities to try:
telnet console <host> (for 2000 port)
telnet <CR> open <host>:<port#>
telnet <host>/<port#>
telnet <host>/port=<port#> (for Multinet on VMS)
* Compression techniques are different for different operating systems.
However, these hints should help:
foo.sit needs Macintosh UnStuffit to unstuff
foo.hqx needs Macintosh BinHex to uncompress
foo.tar needs Unix or GNU tar utility to extract archived files
foo.Z needs Unix 'uncompress' to uncompress or VMS
compress_vms.exe (on gatekeeper.dec.com) will work too.
foo.z needs the GNU gzip utility (from prep.ai.mit.edu) to
uncompress it. gzip will also uncompress *.Z files.
If more than one method was used,
like for foo.hqx.Z, start at the outside and work in (so uncompress
on Unix with 'uncompress' first, transfer to MacIntosh, then
uncompress with BinHex to get uncompressed file).
* There is an excellent introduction to FTP and archiving software
regularly posted to comp.binaries.ibm.pc and news.answers.
* If all else fails, ASK your system administrator or check system
documentation.

* Access to FTP archives via electronic mail
ANY BITNET, EARN, or NorthNET site can access the Princeton mail
server. It will be most efficient if you know the complete path
and filename for anything you wish to transfer, but you can use
'cd' and 'ls -l' commands to move about and browse the remote site's
directories. The Archie database server may also be useful to search
for files and their directory locations on FTP sites around the world
(see below). Please be patient when using non-interactive mail
servers such as BITFTP as each request may take several hours (or
longer) to be fulfilled.

For access to the FTP server, send email to bitftp@pucc.bitnet (for
BITNET, EARN and NorthNET users ONLY!). Subject doesn't matter.
The text of the email is the FTP commands one after another. For
example, suppose you wanted to access the FTP site lcs.mit.edu:
FTP lcs.mit.edu
USER anonymous
PASS yourname@yoursite (not required)
ASCII
CD telecom-archives
GET filenames
BYE
A help file is available giving detailed instructions by putting
the single word HELP into the text of the email.

For nonBITNET users, there is also a FTPMAIL server at
ftpmail@decwrl.dec.com. Commands include: REPLY <mailaddr>,
CONNECT [HOST [user [pass]]], ASCII, BINARY, COMPRESS, COMPACT,
UUENCODE, BTOA, LS <directory>, DIR <directory>, GET <file>, QUIT,
HELP. Get the help file for more information by sending mail with
the single line "help". The ftpmail site may complain if you try
try to get more than 1 file per email request. Here is an example of
a request:
reply your_name@your_site
connect vixen.cso.uiuc.edu
binary
uuencode
get pub/ham-radio/extra-pool.txt
quit

A note on the use of FTP mailservers: If you want to use FTP
mailservers, like FTPMAIL, please be considerate of any systems that
your mail must pass through. The quickest way to find yourself cut
off from the world is to make the admins of sites that pass your mail
pass 60Mb of X11 graphics system source. If you need large amounts
of information from a mailserver, contact your admin for help -- it
may already be available, or he may know a better way to get it.

* The UCSD Ham-Radio mail list: rec.radio.amateur.misc by mail
You can use rec.radio.amateur.misc even if your site has no NetNews
feed. To subscribe to rec.radio.amateur.misc, send email to:
Ham-Radio-Request@ucsd.edu
In the body of the message, write:
subscribe Ham-Radio
If your local e-mail software does not provide a valid return address
(i.e. Bitnet, many Milnet sites, and many non-Unix e-mail packages)
you can provide your return address between the "subscribe" and the
name of the mailing list (i.e. "subscribe myname@here.org Ham-Radio".)

Similarly, to subscribe to some other rec.radio.* newsgroups, use
the following directions: (all addresses here are @ucsd.edu)
Request address List address Newsgroup
Ham-Radio-Request Ham-Radio rec.radio.amateur.misc
Ham-Digital-Request Ham-Digital rec.radio.amateur.digital.misc
Ham-Policy-Request Ham-Policy rec.radio.amateur.policy
Ham-Equip-Request Ham-Equip rec.radio.amateur.equipment
Ham-Ant-Request Ham-Ant rec.radio.amateur.antenna
Ham-Homebrew-Policy Ham-Homebrew rec.radio.amateur.homebrew
Ham-Space-Request Ham-Space rec.radio.amateur.space
Radio-Info-Request Radio-Info rec.radio.info

IMPORTANT NETIQUETTE NOTE: never ever send a request to subscribe
or unsubscribe from *any* mail list to the list itself. Always use
the REQUEST address. Otherwise you'll end up broadcasting your
request to everyone on the list and getting lots of people angry at
you. (Seriously - this is a completely avoidable mistake and it
does irritate a lot of people.)

TO UNSUBSCRIBE, follow directions above, changing the command word "subscribe" to "unsubscribe"
DON'T POST TO THE NEWSGROUP ITSELF! USE THE REQUEST ADDRESS!
Help is available by using the command word "help". Note that command words MUST be the first word on each line of the message.

You can post to rec.radio.amateur.* by sending your posting email to the mail list addresses at ucsd.edu. Since rec.radio.info is a moderated newsgroup, requests to post to it may be sent to Radio-Info but they will be mailed to the moderator, rec-radio-info@ve6mgs.ampr.ab.ca, for posting.

All of the Amateur radio newsgroups are archived for FTP on ucsd.edu under subdirectory mailarchives/{mail-list-name}. However, Radio-Info is not archived at UCSD because almost everything is either on one of the other lists or in the news.answers archives at rtfm.mit.edu (see also funic.funet.fi above).

To subscribe to rec.radio.shortwave, send email to listserv@cuvma.columbia.edu, message is "subscribe swl-l (your name)"

* Telephone BBS's with Ham-related information
Among many, a large one is WB3FFV. Use 8/N/1. The phone numbers are
(410)-661-2475 1200-38400/MNP5/V32bis/V42bis
(410)-661-2598 1200-38400/MNP5/V32bis/V42bis/PEP
(410)-661-2648 1200-19200/MNP5/V42bis/PEP
Login is bbs, no password. This BBS is also available via UUCP, login is uucpanon, no password. For a list of available files, try:
uucp wb3ffv!~/FILES /usr/spool/uucppublic

Another one is N8EMR at phone 614-895-2553, login hbbs. Data settings are 8 bits, NO parity, 1 stop bit. N8EMR has a comprehensive list of other ham-related BBS's on-line.

ARRL has a BBS called "HIRAM", named after the League's founder. The number is 203-666-0578. More information can be obtained from the file ARRL-BBS on the ARRL e-mail server.

For a more complete list of Ham Radio BBS's, see the file BBS on the ARRL server. See also the file BBS_LIST.TXT on the KA6ETB HAM-server. Also see many of the FTP sites listed earlier in this section. There is now way to keep a list like this anywhere near up-to-date so giving you a lot of sources is the next-best thing!

* Callsign servers and geographical name servers
We know of online callsign servers for the USA, Canada and UK.

If you are at an Internet site you can connect using telnet to the following callbook server (covering the USA and Canada):
callsign.cs.buffalo.edu

There is also a general geographical name server at
martini.eecs.umich.edu

For the UK, you can use a WWW client to access the following URL:
http://www.mcc.ac.uk/htbin/callbook

The callbook server sits on port number 2000 and the geographical name server sits on port 3000. These are different port numbers than what telnet usually defaults to. So if you just telnet to these machines, you will get a login prompt instead of the server. How you tell your telnet program to connect to port 2000 or 3000 instead of the default port is operating system dependent but it is usually done with a line like

telnet callsign.cs.Buffalo.edu 2000

If this doesn't work, check the telnet/FTP troubleshooting hints above or consult your local systems guru for the proper command string.

The interactive servers are designed to be somewhat self-explanatory and they support fairly detailed help facilities. The first command you should execute when connecting to one of these servers is "info". This will list general info about that server and how to use it. You should then type "help" to list the various commands available. Typing "help" followed by a command name will give you a little more detail about that command. Servers allow searches by call, last name, zip code or city and also provide regular expression filters to trim your searches so you get a reasonable amount of output.

Both these servers are built from a database distributed by Rusty Carruth, N7IKQ. This database currently contains US and Canadian callsigns and it does not contain club calls. A new version of the database is sent around approximately once a year.

There is also an email callsign server at callbook@sat.datapoint.com (The UUCP address is ...!uunet!dptspd!callbook). In the body of the text, say "lookup" followed by callsigns you want to look up. If your mailer appends signature files, you should put a line "quit" at the end of your request (before the signature file). If you want help, put the word "help" on a line by itself. Here is what a request might look like:
help
lookup kc1sp wn4bbj
lookup n0fzd
quit

There is another email callsign server at callbook@n8emr.cmhnet.org. The subject line is the list of callsigns to lookup. All other lines are ignored. This same callsign server can be accessed with packet radio via cbook@n8jyv.#cmh.oh.usa.na. The body of the message should include "REPLY n8jyv!HOME_BBS!CALL" (where HOME_BBS is YOUR home BBS, and CALL is YOUR callsign), carriage return, "CALL call1 call2 ..." (where call1 call2 .... is space separated list of callsigns you want to lookup).

If you are a packet radio station, callserver data is available from REQQTH@WA4ONG.VA.USA.NA, subject line should be up to 5 US callsigns,

separated by spaces. For Canadian calls, use the callserver at
REQQTH@VE3JF.ON.CAN. Body of message is ignored. The server is an
OS interface to the MBL packet BBS using the Buckmaster CD-ROM
callsign database.

The FCC "call sign hotline" at 717-337-1212 is available for those
who wish to listen to the call signs allocated in each group for each
district. This requires only a touch-tone telephone to use.

* FTP access to FCC Part 97 and FCC Amateur Radio question pools
Part 97 is part of the FCC regulations and only applies to the USA.
As of 1/94, a current copy can be found at ftp.cs.buffalo.edu in
the /pub/ham-radio directory.

An ASCII copy of the question pools are available by ftp from
the ARRL e-mail server.

* Lists of radio modifications and extensions
[see also rec.radio.amateur.equipment]
The largest collection of mods data that we know about is kept at
ftp.cs.buffalo.edu in the /pub/ham-radio/mods directory. The
maintainer of this archive strongly encourages all existing
archivers of mods to mirror their collections on this site.
in this way, maintainers will come and go, but the collection
of mods will remain stable and accessible.

There is a packet radio Mods Server. To get the directories, send
a packet as follows:
SP REQFIL@N2IMC.NJ.USA.NA
Subject: MODS\Dir.1
/EX
To get the mod, send to same place, with Subject MODS\Filename.ext.

REMEMBER that any modification is likely to void your warranty and
that these mods are NOT guaranteed to work. This list is supplied
here because it is a frequently-asked question on the newsgroup.

** Can I send ARRL or W5YI electronic mail?
Several ARRL HQ staffers can be contacted via the net. Their e-mail
addresses are available from the ARRL e-mail file server in the
file called "EMAIL".

ARRL requests that you include your postal address (the slow kind) in
case they need to send you nonelectronic material in answer to your
request.

W5YI, a large VEC, can be reached at the following address:
Fred Maia, W5YI 3511297@mcimail.com

** "Why doesn't the ARRL do...?"
If you want the ARRL to do something, tell them! Direct input from a
concerned member (or, actually, any concerned Ham) carries a lot more
weight than hearsay from any source. Their e-mail addresses are

available from the ARRL e-mail file server (see above). They want direct input - that's why those addresses are available.

** What magazines are available for Ham Radio?
Your local ham store may have some, but here's some popular ones (this is NOT a complete list!):
QST, ARRL, 225 Main St, Newington, CT 06111 - basic projects and contesting
CQ The Radio Amateur's Journal, 76 North Broadway, Hicksville, NY 11801 - beginner ham radio articles
73 Amateur Radio Today, WGE Center, Forect Rd, Hancock, NH 03449, FAX (603) 525-4423, email: COMPUSERVE 70310,775 or Internet 70310.775@compuserve.com - more technical ham radio articles
QEX, ARRL, 225 Main St, Newington, CT 06111 - more technical projects
WorldRadio, 2120 28th St, Sacramento, CA 95818, (916) 457-3655. Subscriptions to 201 Lathrop Way, Ste D, Sacramento, CA 95815, (800) 365-SUBS - lots of special interest columns, like QRP, ATV, YL, etc.
W5YI Report, PO Box 565101, Dallas, TX 75356, 1-800-669-9594 - up-to-date information on Amateur Radio happenings, including VE information and statistics

** How do I use the incoming and outgoing QSL bureau?
To use the outgoing QSL bureau, you must be a member of ARRL. In general, you send a bundle of foreign (not States!) QSL cards to the outgoing bureau in Newington, Connecticut, along with a label off of your QST magazine (which shows ARRL membership), along with $2 per pound of cards (approximately 150 cards) or $1 for 10 cards or less.

To use the incoming QSL bureau, you do NOT have to be a member of ARRL. Send one or more Self-Addressed Stamped Envelopes (size 5x7 or 6x9, NO BIGGER, NO SMALLER) with one ounce of postage attached and with your callsign in 3/4" letters in top left hand corner where the return address label would go. If you expect a large quantity of foreign QSL cards, attach extra money or postage with a paper clip; do NOT affix extra postage to envelope. Send the envelopes to the QSL bureau for your callsign area. If your callsign is xx3xxx/5, you would send it to the 3rd call area, NOT the 5th call area. Addresses for QSL bureaus are listed in QST and on the ARRL e-mail server (see below); if you don't have access to a QST magazine, ask another ham. IMPORTANT: BE PATIENT! Turnaround time for a US QSL bureau, not considering foreign QSL bureaus, is about 3 months. Foreign QSL bureaus and hams can be as fast as 2 months or as slow as TEN YEARS, while average is about 6-12 months.

Addresses for the US incoming and outgoing QSL Bureaus are available from the ARRL e-mail server in the files called "QSL-IN" and "QSL-OUT". See the question above

** Are there any news groups for CAP?
There is no news group just for Civil Air Patrol discussions. However,

rec.aviation.misc is appropriate for CAP aviation discussions and for CAP radio information, these rec.radio.amateur.* groups are available. CAP-related files are also stored on the FTP site sunburn.cps.udayton.edu in pub/capital.

** What's the name of the QRP club that issues QRP numbers?
QRP Amateur Radio Club International, c/o Bill Harding K4AHK, 10923 Carters Oak Way, Burke, VA 22015.

See also the file QRP-ADDRESSES on the ARRL e-mail server.

** How do I become a 10-10 member?
10-10 is simply an organization to sponsor the use of the 10 meter band. It was first conceived when propagation was poor on 10 meters, as a method to get more hams to use 10 meters. The past few years have been great for 10 meters worldwide. However, "the bands are closing down" again, and 10 meters will once again be limited more for local communications, except for sporadic band openings, until the next sunspot cycle.

To join 10-10, work ten 10-10 members and LOG each 10-10 number, call sign, operator's name and location. Send the list to your numeric call sign or DX area manager (as shown below), with $5.00 U.S. new membership registration fee ($6.00 for foreign addresses).

10-10 International Area Managers:
USA 1 - Al Kaiser N1API, 194 Glen Hills Rd, Meriden, CT 06450
USA 2 - Larry Berger WA2SUH, 9 Nancy Blvd, Merrick, NY 11566
USA 3 - Chester Gardner N3GZE, 9028 Overhill Dr, Ellicott Cty,MD 21042
USA 4 - KY, TN, FL, VA, NC, SC only
Rick Roberts N4KCC, 7106 Ridgestone Dr,Ooltewah, TN 37363
USA 4 - GA, AL, Puerto Rico only
Jim Beswick W4YHF, 112 Owl Town Farm, Ellijay, GA 30540
USA 5 - Grace Dunlap K5MRU,* Box 445, LaFeria, TX 78559
*summer addr Jun-Oct Box 13, Rand, CO 80473
USA 6 - Dick Rauschler W6ANK, 4371 Cambria St, Fremont, CA 94538
USA 7 - Willie Madison WB7VZI, 10512 W Butler Dr, Peoria, AZ 85345
USA 8 - John Hugentober N8FU, 4441 Andreas Ave, Cincinatti, OH 45211
USA 9 - Jim Williams N9HHU, 240 Park Rd, Creve Coeur, IL 61611
USA 0 - Debbie Peterson KF0NV, RR 1 Box 35, Duncombe, IA 50532
All DX- Carol Hugentober K8DHK,4441 Andreas Ave, Cincinatti, OH 45211

For more info, see the file 10-10-INFO on the ARRL e-mail server.

** How do I join MARS?
To join MARS, you have to be 14 years or older (parental consent required under age 17), be a US citizen or resident alien, possess a valid Amateur Radio license, possess a station capable of operating on MARS HF frequencies, and be able to operate the minimum amount of time for each quarter (12 hours for Army and Air Force; 18 hours for Navy-Marines). Novices must upgrade to Technician within 6 months, else be dropped from MARS. No-Code Techs can apply, provided

they have transmit and receive HF capability for MARS frequencies (they don't need transmit capability for Amateur HF frequencies). For application forms contact:

Chief, Air Force MARS
HQ AFC4A/SYXR
203 W. Losey St. Room 1020
Scott AFB, IL 62225-5219
(618)256-5552 Fax: (618) 256-5126

Chief, US Army MARS
HQ USA Information Systems Command
ATTN: ASOP-HF
Ft. Huachuca, AZ 85613-5000
800-633-1128

Chief, Navy-Marine Corps MARS
Naval Communication Unit
Washington, DC 20397-5161

** How do I join RACES?
Contact your nearest Civil Defense or Emergency Management Agency. The Radio Amateur Civil Emergency Service is a part of a municipal, county, or state government. This does not mean, however, that every such government has a RACES program. If your government does not have a RACES, ask them to refer you to the nearest jurisdiction that does have a RACES program.

** What organizations are available to help handicapped hams?
Courage Center
Handihams
2915 Golden Valley Rd
Golden Valley, MN 55422
(612) 520-0515
ARRL has a Handihams information package (get it by requesting it through 2155052@mcimail.com) and a book called "The ARRL Plan for the Disabled", available at no charge from the ARRL Regulatory Information Branch.

** I am looking for a specific ham, can anyone help me find him?
Rather than sending out a message on Usenet, you might first try the "Radio Amateurs on Usenet" listings, maintained and posted by Mark Salyzyn VE6MGS. The articles can be found monthly on rec.radio.info and rec.radio.amateur.misc. If the copy in your news spool has expired for some reason, you can look up an entry in the list by sending an e-mail to reqnet@ve6mgs.ampr.ab.ca with either of the following commands in the body of the message:
lookup keyword keyword keyword ...
return user@machine.subdomain.domain
(Fill in the proper info for the search keyword or e-mail address.)
An automated server program will reply to your message.

If you have his/her callsign or name, you should also try one of the on-line callservers shown above. This works in most cases. (!!!)

Also try directory assistance from the phone company or the locator service provided by the Salvation Army. A Salvation Army post in your local area may be able to help you. Also, the Quarter-Century Wireless Assn maintains a collection of callbooks going back to "the beginning of time". Their address is: 1409 Cooper Drive, Irving, TX 75061. Also, the Callbook has a dial-in line for accessing new ham callsigns. Try (1-708-234-8011) at 2400 baud.

** Can I post my neat new ham related program on rec.radio.amateur.misc?
This is really not a good idea, since many of the readers receive these newsgroups as mail digests. Posting is also a one-shot thing. If you post and someone missed it, it is gone. A better way would be to announce the existence of your program here, along with information on how to obtain a copy of your program. You can also submit it to one of the FTP archive sites, which will allow the world to access it without you having to mail it to each requestor. If you just GOTTA post it somewhere, post it to more appropriate groups, like comp.sources.unix or alt.sources or comp.binaries.ibm.pc.

** Where can I get ham radio software for my computer?
See the information about Anonymous FTP, e-mail servers, and ham-related telephone BBS's above. For PC-clones, see the KA6ETB HAM-server. For Macintosh computers, see the file SOFTWARE-MAC on the ARRL e-mail server for locations to look.

** Are there Dialup News services or BBSs for Amateur Radio?
There are two major news services for ham radio. Both are run by volunteer hams and provide bulletins of specific interest to amateurs, hence they are perfectly legal to rebroadcast on ham bands according to FCC Regulation 97.111B(6). To lessen the load on the dialup lines, consider getting your local repeater operator to rebroadcast it, or tape record it to play at your favorite HF net.

RAIN (Radio Amateur Information Network) is produced by Hap Holly, KC9RP, located in Illinois. The news is typically updated 8am CST Fridays. Phone numbers are 1-708-299-INFO (299-4636) and 1-708-827-RAIN (827-7246).

NEWSLINE is another, produced by Bill Pasternak, WA6ITF. Donations for NEWSLINE are accepted at Newsline Support Fund, c/o Dr. Norm Chalfin K6PGX, Pasadena, CA 91102. Phone numbers are:
Chicago 1-708-289-0423
N.Florida 1-407-259-4479
West Palm Beach 1-407-965-1234
Los Angeles 1-805-296-2407 (Instant Update Line)
Los Angeles 1-213-462-0008
NYC 1-718-353-2801
Ohio 1-513-275-9991
Seattle 1-206-368-3969

** Where can I find VE sessions in my local area?
VE sessions are often announced in the local newspapers, but more often, they are announced by local radio bulletin boards. The local packet BBS will most likely have a monthly updated schedule for VE sessions. ARRL or W5YI can generally be called and asked for local VE sessions as well. Don't forget that you will need the following when you go in for an upgrade: a copy of your current Amateur license; your original Amateur license; any CSCEs (duplicate not required), if applicable and less than a year old; a picture ID, preferably a driver's license, passport or visa; and the VE test fee (approximately $5 right now).

Bart Jahnke, KB9NM, the ARRL VEC Manager (bjahnke@arrl.org) posts a listing of VE exams indexed by state (and some overseas sites, usually at embassies and military bases) to the net every 6 weeks or so. The same list can be obtained from the ARRL e-mail server under the file EXAM-SCHEDULE. Another file of interest is EXAM-INFO.

The ARRL list is the definitive list for ARRL VEC sessions. There are other smaller VECs around the USA. ARRL includes their schedules when the info is available. The other VECs phone numbers are listed with the ARRL info so you may wish to give them a call to check their schedule if they didn't provide it to ARRL.

** Why isn't XXX available electronically?
This is a theme for a lot of common questions. For the "XXX" above, substitute any of the following:
Callbooks
DX QSL Lists
Radio station lists
various publications
and more...

Except for the Callbook (via callsign servers), these are not available because of any of several reasons. Either there are copyright restric-
tions, royalty fees, or the source just may not have done the work. Also, not everyone that has information has reliable UseNet access.

** I'd like to volunteer to help ham radio through electronic information services like those mentioned in this FAQ list. Where should I start?
This FAQ would not be complete without a reminder that useful resources on the net do not grow on trees, they are the work of many dedicated volunteers. The rec.radio.amateur.* newsgroups are very fortunate to have quite a number of such volunteers providing everything from FAQ lists to telnettable callsign servers. This doesn't mean, however, that there isn't room for more information and services from additional volunteers. One such service would be more detailed FAQ lists for the recently-
-created special-interest rec.radio.amateur.* newsgroups (such as those for antennas, homebrew electronics, equipment and ham radio in space) to supplement this general FAQ.

Recently an electronic mailing list for amateur radio FAQ maintainers, archive custodians, service providers, and other volunteers was set up. It is the rec.radio.amateur.* Working Group (rra-wg). Anyone with a sincere interest is welcome to subscribe by sending E-mail to rra-wg-request@amdahl.com. The readers of that forum would be more than happy to provide advice and guidance with regard to an existing information project, or even suggest a new one to fill a currently-unmet need.

2310. rec.radio.amateur.misc Frequently Asked Questions (Part 3 of 3)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 06:17:07 UTC
From: ikluft@oes.amdahl.com
Message-ID: <ham-radio-faq-3-793433522@oes.amdahl.com>
Source record: 251732
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

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Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/faq/part3
Revision: 1.3 10/16/94 03:00:01

Rec.radio.amateur.misc Frequently Asked Questions
Part 3 - Amateur Radio Advanced and Technical Questions
------------------------------------------------------------------------------

Questions discussed in Part 3: (dates indicate last modification)
** What are the different US amateur classes and what can each of them do?
(pre-4/92)
** What is the best way to learn Morse Code? (10/92)
** What is the standard for measuring Morse code speed? (pre-4/92)
** What is the standard phonetic alphabet? (10/94)
** I'm confused. What do all those abbreviations mean??? (6/93)
** What do all those "tones" mean? (pre-4/92)
** Where can I learn more about Amateur Radio if I live outside the US?
(9/93)
** How can I get a "reciprocal license" if I am a licensed ham from another
country or if I am a FCC licensed ham who wants to operate in another
country (on vacation)? (9/93)
** My apartment or housing complex does not allow outdoor antennas, now what
do I do? (9/93)
** I got TVI...HELP!!! (9/93)
** On what frequencies do JPL and GSFC retransmit the shuttle audio?
(10/92)
** Can I take my HT on an airplane and operate it if I get the permission
of the captain? (4/92)
** How do I modify my current Amateur license? (9/93)
** I'm confused about XXX, should I ask the FCC? (9/93)
** Is there any information on antique radios? (pre-4/92)
** Where can I buy vacuum tubes? (9/93)
** What do I need to get started in packet radio? (9/93)
** What do I need to get started in satellite communications? (9/93)
** What is available to get started in ATV, SSTV and WEFAX? (9/93)
** What are these contests I sometimes hear, and how do I participate? (9/93)

--Rec.radio.amateur.misc Frequently-asked Questions------------------Part 3--

** What are the different US amateur classes and what can each of them do?
Novice - has CW (Morse code) privileges on 4 HF bands (80, 40, 15,
and 10 meter), Voice privileges on 10 meters, and privileges
on 2 VHF/UHF bands (220 MHz and 1290 MHz).
Required are 5 wpm Morse code test and 30-question Novice test.
```

Technician - has full privileges on all VHF/UHF bands above 30 MHz.
Required are Novice test and 25-question Tech test.
Technician may access Novice HF bands by passing the 5 wpm Morse
code test.
General - has all Technician privileges, plus larger access to more
HF bands, including CW and Voice on 160, 80, 40, 30, 20, 17, 15,
12, and 10 meter bands. A General class amateur can give Novice
tests.
Required are 13 wpm Morse code test, Novice, Tech and 25-question
General test.
Advanced - has all General privileges, plus wider band access on 80,
40, 20, and 15 meter bands. An Advanced class amateur can
also become a VE and give tests to Novice and Tech tests.
Required are 13 wpm Morse code test, Novice, Tech, General and
50-question Advanced test. The Advanced test is the most difficult
of the five written tests.
Amateur Extra - has full privileges on all amateur bands. An Extra
can become a VE and give all amateur tests.
Required are 20 wpm Morse code test, Novice, Tech, General,
Advanced and 40-question Extra test.

** What is the best way to learn Morse Code?
This is becoming an increasingly common question as many "no-code"
Technicians realize they can add more privileges to their license if
they learn Morse Code. The following list of suggestions should
be helpful in finding ways to approach the effort.

* Listen to code at a rate faster than you can copy.
* Participate in Novice-Roundup and/or Field Day. Practice whenever
you get the chance!
* Avoid the "deciphering" plateau around 5 WPM and and character
plateau at 10 WPM by listening to the fast Farnsworth-paced
"beat" of each letter and the "beat" of common words. (See the
question on Morse code speed for more information on Farnsworth
pacing.)
* Practice to develop a "copy buffer" so you copy about 5 characters
behind. (This is not easy but it's how the higher speeds are done.)
* Practice both with headphones and "open-air" copy as the code test
may be in either format. (If you only practice one, you may fumble
on the other.)
* Most of all, don't give up! Recognize when you reach plateaus
and keep trying until you break through them.

** What is the standard for measuring Morse code speed?
The word PARIS was chosen as the standard length for CW code speed.
Each dit counts for one count, each dash counts for three counts,
intra-character spacing is one count, inter-character spacing is three
counts and inter-word spacing is seven counts, so the word PARIS is
exactly 50 counts:

```
PPPPPPPPPPPPP AAAAA RRRRRRRRR IIIII SSSSSSSSS
. - - . . - . - . . . . . .
1 1 3 1 3 1 1 3 1 1 3 3 1 1 3 1 1 3 1 1 1 3 1 1 1 1 1 7 = 50
^ ^ ^
^Intra-character ^Inter-character Inter-word^
```

So 5 words-per-minute = 250 counts-per-minute / 50 counts-per-word or one count every 240 milliseconds. 13 words-per-minute is one count every ~92.3 milliseconds. This method of sending code is sometimes called "Slow Code", because at 5 wpm it sounds VERY SLOW.

The "Farnsworth" method is accomplished by sending the dits and dashes and intra-character spacing at a higher speed, then increasing the inter-character and inter-word spacing to slow the sending speed down to the desired speed. For example, to send at 5 wpm with 13 wpm characters in Farnsworth method, the dits and intra-character spacing would be 92.3 milliseconds, the dash would be 276.9 milliseconds, the inter-character spacing would be 1.443 seconds and inter-word spacing would be 3.367 seconds.

** What is the standard phonetic alphabet?
Though no standard phonetics are required on amateur radio, good operating procedures include using the standard phonetic alphabet to help communicate more clearly. The recommended phonetics are those also in use by aviation (internationally by ICAO treaty) and some militaries (in most English-speaking countries.)
alfa bravo charlie delta echo foxtrot golf hotel india juliet kilo lima mike november oscar papa quebec romeo sierra tango uniform victor whiskey x-ray yankee zulu

The numbers are spelled differently to suggest a particular pronunciation. Also, nine was changed to "niner" to avoid confusion with the German word "nein" for "no", though that change is not commonly used by Hams. (Usually you'll only hear "niner" from Hams who are also pilots.)
zero one two tree fower fife six seven eight niner

When first making contact with another Ham, it is a good idea to say callsigns in phonetics to give the other side a better chance of understanding them correctly.

See also: http://aviation.jsc.nasa.gov/alphabet.html

** I'm confused. What do all those abbreviations mean???
AM Amplitude Modulation
AMSAT Amateur Satellite Corporation [see rec.radio.amateur.space]
AMTOR Amateur Teleprinter Over Radio. A more sophisticated version of RTTY. Also used commercially as SITOR (Simplex Teleprinter Over Radio). [see rec.radio.amateur.digital.misc]
ARRL American Radio Relay League
ATV Amateur Television - a way to see who you're talking to!
CAP Civil Air Patrol is a volunteer organization that searches for downed aircraft and missing kids and uses frequencies just

outside of the ham bands and often uses modified Amateur radios
CB Citizen's Band radio, this is NOT part of Amateur Radio and
does not require any license to operate [see rec.radio.cb]
CQ An on-the-air request for a conversation with anyone
"dupes" A dupe sheet is a duplicate check sheet, in matrix format, used
to quickly check that you have not had a "duplicate" contact
with someone (on a specific band or mode) in a contest
Elmer An amateur radio mentor, or "Master Craftsman" to a new ham.
Could refer to anyone, regardless of age or gender.
FCC Federal Communications Commission, the "law enforcers"
FM Frequency Modulation
FieldDay A June activity to practice emergency communications for
24 hours....wives call it 'an exercise in male bonding' :-).
HF High Frequency - 3 MHz to 30 MHz
HT Handy-Talky, a shorthand for "hand held radio"
LF Low Frequency - 30 kHz to 3 MHz
MARS Military Affiliate Radio System, military affiliated Amateurs
who provide free communications for overseas GIs and other
Federal services. MARS operators are licensed under DoD
instead of FCC.
NTS National Traffic System, a way to send radiograms
OF Old Friend, or Old F#$%, used to denote an older ham
OM Old Man, refers to any ham, including female hams
packet computer bulletin boards/electronic mail via Amateur Radio
[see rec.radio.amateur.digital.misc]
PRB Private Radio Bureau, administers Amateur and CB services
QSO One of the Q signals used in Morse code to mean "conversation"
QCWA Quarter Century Wireless Association, membership means you've
been a ham for more than 25 years
RTTY Radio Teletype - older form of computer communications on HF
[see rec.radio.amateur.digital.misc]
SAREX In Amateur Radio talk, Shuttle Amateur Radio EXperiment, a
chance to talk to astronauts in space. In CAP talk, Search
and Rescue EXercise, practicing for the real thing.
[see rec.radio.amateur.space]
SK Silent Key, a nice polite way to say a ham has passed on "to
that great antenna farm in the sky"
SSB Single Side Band - need less band width than AM or FM
SSTV Slow Scan TeleVision - REALLY slow, low data rate, typically
used on the lower frequency bands
SWL shortwave listening [see rec.radio.shortwave]
UHF Ultra High Frequency - 300 MHz and above
ULF Ultra Low Frequency - 30 Hz to 300 Hz
VHF Very High Frequency - 30 MHz to 300 MHz
VLF Very Low Frequency - 300 Hz to 30 kHz, audio frequencies
WARC World Administrative Radio Conference, a summit meeting that
occurs every few years, required by international treaty to
determine how the spectrum get sliced up to all vying
communications services (last one was in 1992)
XYL eX-Young Lady, or wife

YL Young Lady, non-ham girlfriend or female ham
2m Shorthand for "2 meters" (144-147.995 MHz), which is a reference to the wavelength of a common Amateur frequency band used for local communications

** What do all those "tones" mean?
Sub-Audible Tone: A low tone that you're not supposed to be able to hear. It's used as a "PL Tone." PL is "Private Line", a trademark of Motorola for their implementation of CTCSS (Continuous Tone Coded Squelch System). Basically, the transmitter sends the signal with the Sub-Audible tone and the receiver only opens when it hears signals with that tone. Signals without the proper tone are ignored. This is useful for "closed" repeaters, or for repeaters on the same frequency that have overlapping geographic areas.
Tone encode refers to the feature of providing the tone on transmit.
Tone decode refers to the feature of responding to the tone on receive.
Tone squelch refers to all of the above. DTMF refers to Dual Tone Multi-Frequency, or "Touch Tone" which is a trademark of AT&T. DTSS probably means Dual Tone Squelch System and refers to the feature of providing a predefined sequence of Touch Tone digits to open the repeater for transmit. DTSS is an alternate method from CTCSS, which provides a way to use a "closed" repeater even if your radio doesn't do Sub-Audible Tones.

** Where can I learn more about Amateur Radio if I live outside the US?
First, check if there is a Ham Radio-related newsgroup specific to your country. See the country-specific newsgroups in "the rec.radio.* newsgroups" in Part II of this FAQ.

Also, write to the ARRL and ask. They can usually tell you how to get a license in your country. See also the ARRL e-mail server. (Details are in Part 2.)

If you know of any location where this information is available electronically, whether by an e-mail server, anonymous FTP, or a contact person, please mail it to us so we can include it here. Send it to hamradio-faq@amdahl.com.

** How can I get a "reciprocal license" if I am a licensed ham from another country or if I am a FCC licensed ham who wants to operate in another country (on vacation)?
Editor's note (11/92): the regulations affecting this question are being changed. Contact your local Volunteer Examiner (VE) and ask about a VE 60-day pass. More details will be included in future revisions of the FAQ.

This paragraph is soon to be obsolete:

You need to submit a FCC Form 610-A to the FCC, PO Box 1020, Gettysburg, PA 17326. They will then send you a reciprocal permit for alien amateur licensee (FCC Form 610-AL). You must be a citizen of a country with which the United States has arrangements to grant

reciprocal operating permits to visiting alien Amateur operators.

This information is still current:

For FCC licensed hams operating abroad, the following guidelines
apply:
* A reciprocal license is required in all foreign countries (that have
a reciprocal operating agreement with the US), except Canada, where
the FCC license is automatically valid.
* Send a SASE to ARRL Regulatory Information Branch, telling them
which country you are going to visit and they will send you the
info and an application form. Foreign hams can likewise request
information from their national Amateur radio society.
* Submit your application with a certified copy of your Amateur
license (ie, notarized copy), and fee if applicable (use a bank draft
of a bank that does business in that country) to the appropriate
licensing administration of the foreign country. Processing may
take 30 to 90 days.
* If less than one month, you could try sending the application and
pick up the permit upon arrival in that country.
* Most countries will not allow you to bring communications equipment
into their country without a license or permit. If you applied, but
haven't received the permit yet, show the copy and your FCC license
to the customs officer, however, the equipment may still be held at
customs until your departure.
* Be sure to use only those frequencies covered by your FCC license
which are also used in the foreign country, unless otherwise
authorized.

See also the file RECIP-OP on the ARRL e-mail server. (See Part 2.)

** My apartment or housing complex does not allow outdoor antennas, now what
do I do?
[see also rec.radio.amateur.antenna]
First of all, don't despair. Many hams have similar problems. Many
books offer advice for the growing group of hams that cannot put up
antennas. Some options are:
* Install an "invisible" antenna made of magnet wire.
* Disguise an antenna as a flag pole.
* Install an antenna in the attic.
* ASK the apartment manager. You may find they will let you put up
something as long as it "is invisible" or "doesn't disturb your
neighbors" or "doesn't attract lightning".
* Operate primarily from your car.
* If the restriction is due to local ordinance, you may have relief
via PRB-1. Meet with the local government and seek an informal
compromise. It is possible to win in court...but it's expensive and
time consuming.
* If you are restricted by "covenants" attached to the deed of your
home, your options are severely limited. Covenants are considered
to be private, voluntary contracts between individuals and are

outside of the intended application of PRB-1. In many cases, you
can petition the Homeowner's Association for an exception. Sometimes
you can win in court on the basis that other violations of the
covenants by others without action taken constitutes abandonment
of the agreement.
* For further information, contact the General Consel's office of the
ARRL, 225 Main St, Newington, CT 06111.

See also the file ANTS-INDOOR on the ARRL e-mail server.

** I got TVI...HELP!!!
Here's some hints on Television interference, but this is not a
complete list. There are also books on the subject available from
ARRL.
* If cable TV is an underground feed, look for central distribution
box. Check for a grounding rod.
* Try installing torroids on the cable TV cable close to the TV, and
maybe torroids on the AC cord as well.
* VCRs are notorious for RF leakers, try disconnecting the VCR.
* Check to see if interference is better or worse when cable is
disconnected and you use rabbit ears instead. It could be the
cable company's problem!
* Calling the cable company may get results, since they are also
responsible for RF leakage from their equipment. However, they
are very often obstinate. Good luck! Try some or all of these
suggestions before calling the cable company:
1. Log the interference, noting geographical location, frequency,
and characteristics.
2. Bring it to the cable company's attention in writing, preferably
addressed to "Chief Engineer", or "Technical Staff".
3. Don't be accusatory, instead ask for assistance in resolving
the problem. Try to work it out with someone technically
knowledgeable.
4. Do mention your "licensed radio system", but try not to be too
specific about "ham" or "CB" unless requested.
* Try moving the radio antenna further away from the TV sets. Make
sure the SWR is LOW.

See also the series of files on the ARRL e-mail server on various
aspects of electromagnetic interference. The filenames start with
"EMI-" like EMI-CATVI (cable TV), EMI-GEN (general notes on EMI),
EMI-AUDIO (interference to audio devices), etc.

** On what frequencies do JPL and GSFC retransmit the shuttle audio?
[see also rec.radio.amateur.space]
Station VHF 10m 15m 20m 40m 80m Video
WA3NAN 147.45 28.650 21.395 14.295 7.185 3.860
W6VIO 224.04 21.280 14.282 7.165
K6MF 145.585 7.165 3.840
W5RRR 146.64 28.495 21.350 14.280 7.227 3.850
W6FXN (temporarily out of service - looking for new frequency)

KA9SZX 146.88 426.25
K4GCC 146.94
WA4VME 145.17
W6TRW 145.32

All frequencies are in MHz. Use FM on VHF, USB on 10-20m, LSB on
40-80m.
WA3NAN - NASA Goddard Space Flight Center (GSFC), Greenbelt, MD
W6VIO - NASA Jet Propulsion Laboratory (JPL), Pasadena, CA
K6MF - NASA Ames Research Center (ARC), Moffett Field, CA
W5RRR - NASA Johnson Space Center, Houston, TX
W6FXN - Los Angeles, CA
KA9SZX - Champaign-Urbana, IL
K4GCC - Titusville, FL (near or at Kennedy Space Center)
WA4VME - Melbourne, FL (near or at Kennedy Space Center)
W6TRW - TRW ARC, Redondo Beach, CA (shuttle audio may be overridden
by repeater usage)

** Can I take my HT on an airplane and operate it if I get the permission
of the captain?
Technically, maybe. But don't count on it. In general, you can't use
a radio or scanner on an airline (or charter) *unless* the airline
allows it and the pilot-in-command (PIC) determines that it will not
interfere with the instruments and radios on that specific aircraft.
Very few US airlines allow passengers to use radios so be ready to
disconnect the antenna when you ask. (Don't even ask to transmit.)
For reference (in the US) the pertinent portion of the Federal Aviation
Regulations (FARs) is Part 91, paragraph 91.21.

Due to airport security, you may have a little difficulty carrying the
HT (or any electronic equipment) onto the airplane. Generally, you
can appease the security guards, simply by showing that the unit is
operational and doesn't have a bomb inside. For a radio, just turning
it on and opening the squelch satisfies them. Expect more difficulty
during periods of increased security.

On a private airplane, it is legal to operate an amateur radio if you
have the permission of the PIC. It is still possible for the radio to
interfere with the plane's navigation or communication equipment, so
be sure to ask first. Always obey the requests of the PIC. He knows
his airplane and radios better than you do.

** How do I modify my current Amateur license?
To modify your license (change of address, change of station location,
change of name, renewal, or even change of callsign), submit an FCC
Form 610 to the FCC. Forms are available from the FCC or ARRL or a
local VE session or ham radio store. Do NOT use a photocopy. Check
off the appropriate boxes, fill in the new/changed information, SIGN
THE FORM, and attach a copy of your current license (or a brief letter
of explanation for its absence, ie, "my dog ate it"). NOTE: If you
check the box to change your callsign, YOU WILL GET A NEW CALLSIGN,
even if all you wanted was to supply a new address; if you want to keep

your callsign, DON'T CHECK THAT BOX. Send the form to FCC, POB 1020, Gettysburg, PA 17326. Turnaround time (for CURRENT licensees only) is about 2-4 weeks.

ANY ham can apply for a new callsign (this is different from the past where you can only get a new callsign if you move or upgrade). You can't specify WHICH ONE you want, a new one comes from the same pool as new licensees for that class of license. The callsign is based on your mailing address. For overseas military and civilians, be sure to specify a station location that is within FCC jurisdiction.

New licenses are for 10-year terms. If you apply for renewal before its expiration date, the expired license is valid for 60 days after expiration to allow for the new license to arrive. You have up to 2 years after expiration (5 years for an old 5-year license) to renew before re-examination is required (but you can't operate with an expired license). You will lose your current callsign after 1 year after expiration if you don't renew.

For more information on FCC Form 610, see the file FCC-610-INFO on the ARRL e-mail server. (See Part 2 for details.)

** I'm confused about XXX, should I ask the FCC?
[see also rec.radio.amateur.policy]
Whatever "XXX" is in this case, the overwhelming ARRL and net opinion is a resounding "NO!", at least not as a first step. Amateurs are generally very law-abiding people and have historically written the FCC asking for clarification on some operating practice or another. This is a very dangerous practice, for several reasons.

Most amateur radio regulations (contained in Part 97) are generally very loosely-worded, so as not to restrict experimentation and new techniques. But asking the FCC for a clarification will set in motion the process of "clarifying" it for everyone (i.e. new rulemaking.)

Examples of such restrictive rulings include varying topics like when Hams can help non-profit agencies or effectively forcing packet BBS sysops to screen messages before forwarding them. They were the result of well-intentioned questions by Hams that forced the FCC to make a ruling where they previously allowed the amateur radio community to police itself.

Under all circumstances, it is better to first read the rules yourself. Then, if there's a problem, ask your national amateur radio organization (such as the ARRL in the US) which can give qualified advice about interpretation of FCC regulations. Organizations like the ARRL also have the influence to ask the FCC informally, without forcing a ruling.

Even if asking the FCC doesn't result in a restrictive ruling, it is generally a good idea to not overburden an under-staffed and under-funded government agency with a lot of correspondence. The Amateur Radio Service has traditionally been a low-workload "hands-off" service, and has enjoyed a wide latitude from the FCC. Please don't

ruin this image for your fellow amateurs.

For more discussion on how and when to contact the FCC, see the file FCC-CONTACTING on the ARRL e-mail server. (See Part 2 for details.)

** Is there any information on antique radios?
Antique radio classifieds: ARC, PO Box 802-B6, Carlisle, MA 01741 - old radios, TVs, ham equipment, 40s and 50s radios, telegraph, books, etc.
Hallicrafter Service manuals: Ardco Electronics, PO Box 95, Dept Q, Berwyn, IL 60402
Antique Wireless Association, Bruce Kelley, W2ICE, Route 3, Holcomb, NY 14469 - sponsors the Wireless Museum

** Where can I buy vacuum tubes?
Kirby, 298 West Carmel Drive, Carmel, IN 46032 (1-317-843-2212)
Antique Electronic Supply, Box 1810, Tempe, AZ 85281 (1-602-894-9503)
Fair Radio Sales, Box 1105, Lima OH 45802
Fala Electronics, Box 1376-1 Milwaukee, WI 53201
Southern Radio Supply, 1909 Tulane Ave, New Orleans, LA 70112 (10504-524-2343)

See also the file VACUUM-TUBES on the ARRL e-mail server. (See Part 2)

** What do I need to get started in packet radio?
[see also rec.radio.amateur.digital.misc]
Packet radio is a digital form of communication using radios. There are OTHER digital forms, as well, like CW, RTTY and AMTOR. To use packet radio, you'll need a radio (2 meters and 70 centimeters are most popular), a box that converts radio signals to digital signals that a computer can understand (called a TNC or terminal node controller) and a computer or terminal. For some computers or TNCs you may need special software as well. However, most TNCs and computers get along quite well with just a terminal emulator software package. Most personal computers can be interfaced to use with packet radio. Since there are many digipeaters, generally even an HT will work with packet radio.

Your first source of information on Packet Radio should be the rec.radio.amateur.digital.misc newsgroup. It has its own regularly-posted FAQ that goes into much more depth on the subject than this one can. See also the mailing list and archives info in Part 2.

For more information on packet radio, you might try TAPR (Tucson Amateur Packet Radio), PO Box 12925, Tucson, AZ 85732 (602-749-9479).

See also the files PACKET-INTRO, PACKET-NEW, and PACKET-GLOSSARY on the ARRL e-mail server or the directory /hamradio/packet on the KA6ETB e-mail HAM-server. (See Part 2.)

** What do I need to get started in satellite communications?
[see also rec.radio.amateur.space]
For more information about Amateur Satellite Communications, try

AMSAT (Radio Amateur Satellite Corporation), PO Box 27, Washington, DC 20044 (301-589-6062). They also have an international net on Sundays on 14.282 MHz at 1900Z.

ARRL publishes a book on this subject: The Satellite Experimenter's Handbook. Ham Radio stores in your area may either have it or be able to order it. Or you can order it direct from ARRL.

See also the contents of the directory /hamradio/satelite on the KA6ETB e-mail HAM-server. The ARRL e-mail server has a bibliography on satellite materials in the file SATELLITES-B.

** What is available to get started in ATV, SSTV and WEFAX?
This is a large subject area in itself. Amateur Television (ATV), Slow-scan TV (SSTV), and Weather FAX (WEFAX) all deal with transmitted pictures. (ATV includes moving pictures and audio just like your household TV.)

Equipment is available to interface to most common microcomputers including PC clones, Amigas (which are prominent in most video applications anyway), Atari ST, and others. (At last check, we didn't see Macintosh on the list.) There are also a handful of publications on the subject.

All this information is available via FTP in the /pub/ham-radio directory at ftp.cs.buffalo.edu. (See Part 2 for more information on FTP.) The file called sstv_wefax_info is maintained by John Langner WB2OSZ (johnl@avs.com).

The ARRL e-mail server contains an introduction to SSTV in the file SSTV-INFO. (See Part 2 for more information on the ARRL e-mail server.) There is a bibliography of ATV articles from QST in the file TV-B. (See Part 2 for details.)

The KA6ETB e-mail HAM-server has files on SSTV and WEFAX in the directory /hamradio/sstvfax.

Another resource is the regularly-posted UseNet Elmers Directory. The list contains a volunteer Elmer who can help with ATV, SSTV, and WEFAX questions.

** What are these contests I sometimes hear, and how do I participate?
Dozens of contests are held each year, usually at weekends, and can provide useful operating experience. They typically last for 24 or 48 hrs, and are usually on SSB or CW only (the Russian CQ-Mir contest is on both modes at the same time). You can participate by making one QSO or several thousands. In most contests you send a signal report (traditionally 59 or 599) followed by a number that is different for different contests - the most common one is a serial number (so you send 599 001 for your first QSO, then 599 002 etc). The exchange may, however, be your age (All Asian contests), your CQ or ITU zone (CQWW and IARU contests, respectively), your state (ARRL contests) or something else. Read "Contest Corral" in QST for the rules for all

major contests - the more serious contester may wish to subscribe to the National Contest Journal, or join the e-mail contest mailing group (write to Trey, WN4KKN, at garlough@tgv.com). Knowing the rules can prevent embarrassment - you will get a cool reception if you are a W or VE and call a W/VE in the ARRL contests, since they can only work non-W/VE stations. Otherwise, QSOs made in contests are just as valid for DXCC (DX Century Club - more than 100 contacts), WAS (worked all states) and other awards as are 30-minute ragchews. Although not strictly a contest, the annual Field Day provides very useful operating experience under less than optimal conditions and is highly recommended for new operators - check with your local club for their Field Day plans some weeks before the (late June) event.

For more information on contests, the ARRL e-mail server has the following files: CONTESTS-93 (as of this writing, substitute current year), CONTEST-LOGS (for contest log formats), FORM-10M (10m contest entry form), FORM-VHF (VHF contest entry form), and others.

2311. Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 09:48:00 UTC
From: EMIHAILO@ubbg.etf.bg.ac.YU
Message-ID: <D2BB2E56C001D4C4@yubgef51.bitnet>
Source record: 251808

```
help
end
```

2312. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 10:50:41 UTC
From: boyer@rd.bbc.co.uk
Message-ID: <D4EE4I.J45@bbc.co.uk>
Source record: 251810

Joe Mack (mack@ncifcrf.gov) wrote:
: In article <9502202239.0VTN800@shivasys.com> bob.elliott@shivasys.com writes:
: >
: >NE>From: steuer@eden.rutgers.edu (Team OS/2'er)
: >NE>Newsgroups: rec.radio.amateur.misc
: >NE>Subject: BNC what is stands for...HELP!
: >NE>Date: 15 Feb 1995 20:30:09 -0500
: >NE>Organization: Rutgers University
: >
: >NE>if I remember right, BNC stands for British Naval Connector, but if anyone h
: >NE>the file that describes this, if you could mail it to me I would really
: >NE>appreciate it! Thanks!
: >NE> Rob
: >
: >
: >I thought it stood for baby "N" connector...
: >
: I thought they were the initials of the 3 guys that designed it. N went
: on later (or maybe earlier) to make the N connector and C also had
: an independant career with the C connector. As to their names - sorry
: don't know.

: Joe NA3T mack@ncifcrf.gov

The 'N' connector was designed ny Paul Neill.

The 'C' connector was deisgned by Carl Concelman.

The BNC was desifned by the pair of them and is a Bayonet Neill Concelman.

John B
john.boyer@rd.eng.bbc.co.uk

2313. where to find BAHCO tools

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 11:23:56 UTC
From: apj@twain.ucs.umass.edu
Message-ID: <3if6sc$ls7@nic.umass.edu>
Source record: 251804

I have a pair of slip-joint pliers made by a Swedish company
named BAHCO. The design is unique and they work really well.
I got them at a hamfest in Maryland a long time ago (7 years).
If anyone knows a current source for these tools, I would
greatly appreciate the info.
Ben

2314. Re: The Legacy of the No-Code Tech License

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 11:49:31 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4EGuK.Gw1@zeno.fit.edu>
Source record: 251811

In article <3idu3l$qtl@grape.epix.net>,
George Cook AA3JU <george@news.epix.net> wrote:
>: What immediately comes to mind is the VE scandel that surfaced in
>: the Southern California area last year. One has to wonder whether
>: this was an isolated situation or if it could possibly be wide-
>: spread.
>
>As a VE I can tell you one thing. I cannot be bought. Not for any
>price. We joked a bit about it one day and the question came around to a
>more serrious note "What if someone offered you a million bucks" some
>said they would take the million but after the joking became more
>serrious the entire group agreed that not one would take the money.

well...maybe at gun point....of course, then the materials have to get
sent in......
>
>I think that the incedent in Cal was isolated. The only thing the offer
>of a bribe will get you from me is perhaps a poke in the snoot.
>GC

i'd just refuse to test him after making sure i had seen his id so i can
squeal on him in my report to the VEC. A poke in the snoot just gets you
in the pokey on an assault charge....

also -- it appears the california problem was partially detected because of
one of the participants coming forward...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2315. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 12:09:31 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4EHrw.In7@zeno.fit.edu>
Source record: 251816

In article <1995Feb21.140735.2429@clark.dgim.doc.ca>,
Jim Cummings <jcumming@dgim.doc.ca> wrote:
>JimN2ETE (jimn2ete@aol.com) wrote:
>: One of the intentions of the no-code license was to show people that there
>: is much more to ham radio than 2 meter FM and repeaters. Some of the old
>: time hams have good reason to beef about the no code license.
>: The whole concept of ham radio was devised under morse code. Yes, it is
>: very
>: antiquated with all the high speed digital communications around us. Yes,

if it's needed, it'll be there....
A
>: the
>: celluar phone is much more convienient. BUT!! in an emergency situation,
>: when all of the high technology is rendered inoperable or destroyed,
>: either by enemy forces or by nature itself. That

why is the amateur radio gear going to survive over all the other equipment?
there must be 100X the number of cell phones compared to 2m HTs.
what blows down the cell phone repeaters probably took down the ham
repeater as well
.
>: $1000 computer and that $1,000,000+ satellite is nothing compared to a
>: straight
>: key and an HF rig and running good old CW to get the message across. I
>: hope that you do indeed go to learn CW and I wish you lots of luck!!

of course a satcom terminal is pretty small -- could have a lot of
those around. (you did realize that all those aircraft in Die Hard II
all had radios that interoperate and that there are other airports around
DC?). the problem with good old CW is the trained operators needed
at both ends.>
>
>: Jim N2ETE
>
>I understand your point - if there was a disaster to such an extent that
>my computer was crapped out and the INMARSAT birds would be space junk,
>then we would have to rely on good ol' CW.
>
>As I see it, there are two problems with those contentions:
>
>1. Do you foresee that even SSB would not be used?
>
>2. If all this neat high tech stuff has been blown away or rendered
>useless, what are the circumstances that our high tech amateur radioes

>would not be subjected to the same stresses and forces and be rendered
>useless as well? All that the CW isn't going to help then....

exactly.
>
>73 and live better digitally
>Jim, VE3XJ
>
>

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2316. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 12:11:31 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4EHv7.Ip4@zeno.fit.edu>
Source record: 251817

didn't the US ban spark earlier?
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2317. QRP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 12:31:22 UTC
From: ns@laban.uu.se
Message-ID: <3ifaqq$c59@columba.udac.uu.se>
Source record: 251814

I am searching advice on purchasing a used QRP rig.
12 V car battery operations up in the mountains in
the summer.
I have heard recommendations,for example TS130S
SM5RIH Nils

2318. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 13:05:40 UTC
From: brunelli_pc@delphi.com
Message-ID: <ZcwYcJc.brunelli_pc@delphi.com>
Source record: 251818

R. Wiley <rawiley@blue.weeg.uiowa.edu> writes:

>>>"1935 will go down in history. For the first time, a civilized nation has
>>>full gun registration. Our streets will be safer, our police more efficient,
>>>and the world will follow our lead into the future." - Adolf Hitler

I may be naive but i have found this quote to be nothing more than
an example of what historicasl proponents of gun control and mandatory
civilian registration were really up to. If this is some sick form
of pro-hitler pro-gun-control i have been had!

pete
n1qdq

2319. Re: VE Procedures

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 13:12:55 UTC
From: brunelli_pc@delphi.com
Message-ID: <RexaMDX.brunelli_pc@delphi.com>
Source record: 251819

James J Martin <jjmartin@world.std.com> writes:

>>: My only gripe with the present system is that you may retake the exam
>>: on the same day. When my brother took his exam last Saturday, he said one
>>: woman had to take her no-code tech test twice. So I assume the VE's can
>>: keep on giving you tests until you pass. Doesn't this defeat the purpose
>>: of the test? Discussion anyone?

Our VE team in CT keeps one version of each element and does not
give repeats of the same element on the same day. This was decided
by the team and works well for us.

>When I ran the ARRL VE in Alamogordo, New Mexico I kept enough exams for
>each element on hand that it was conceivable to test someone not only
>twice but up to six times and without ever having to take the same exam
>twice. I kept track of which exams were taken so that in subsequent
>sessions you wouldn't even get an exam you had taken before.

this is within the abilities of the VE team under the current rules.

>It really doesn't make sense to test someone more than twice in the same
>day but if the exams are available, each team member agrees, and if the
>candidate wants to plop down another fee why not? Now if someone fails
>an exam miserably, I suggest that person go home, do some more studying,
>and then come back to another session.

and this is the approach most teams take, but the decisipon is made
before hand and is not made on a case by case basis.

The small amounts of flexibiliry given to the VE teams make for a
more interesting system and even if there was no flexibility, people
would still be griping.

$.02
pete
n1qdq

2320. Mods for IC-2340(D) ??!?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 16:20:50 UTC
From: jsalmi@vipunen.hut.fi
Message-ID: <jsalmi.793470050@vipunen.hut.fi>
Source record: 251809

Does anyone happen to know how to expand the receiving capabilities of IC-2340D (Japanese model)? I have heard that it would need a suitable combination of pressing several buttons during power-up, but what are these strategical buttons?

Any info about the rig or ftp-sites where the mods are available are greatly appreciated.

73 de
--

Jouni Salmi Jouni.Salmi@hut.fi
Ruutikatu 10 B 62 oh2bzp@krk.fi
02600 Espoo OH2BZP@OH2RBI.FIN.EU

2321. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 17:04:01 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4EvEp.EG2@news.hawaii.edu>
Source record: 251812

wkirk@bb.iu.net (William Newkirk) writes:

>what blows down the cell phone repeaters probably took down the ham
>repeater as well

Hi Bill,
Your comment reminds me of what I said on here more than once last year:
Most VHF-folks would consider their radios useless if suddenly all the
repeaters were shut off. Few realize the value of erecting a good
antenna and communicating via simplex.

Of course, simplex is not possible with a cell phone so your comment
above does not preclude the possibility of hams continuing to
communicate without a repeater.

73 from warm and sunny Hawaii,
Jeff NH6IL

2322. Cayman Island operating

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 17:09:54 UTC
From: garym@cais2.cais.com
Message-ID: <3ifr52$3l7@news.cais.com>
Source record: 251813

I am going to the Cayman Islands in May, I am thinking about getting a reciprocal license but I would only be able to take my 2M/440 HT. Does anyone have any experiance operating from ZF land?

N3JPU

--
garym@racalrecord.com

2323. House for sale with tower and antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 21:48:42 UTC
From: leon@gate.net
Message-ID: <3igbfq$1rvp@tequesta.gate.net>
Source record: 251820

House for sale in Boca Raton with 36' crankup tower and antennas located
in beautiful quiet family neighborhood on a PREMIUM LAKE LOT.

2 bedrooms, 2 baths, single car garage, living room, eat-in kitchen,
new floors throughout, new roof, new A/C, refrigerator, range,
washer/dryer, new disposal.

MOVE-IN AND OPERATE CONDITION -- ORIGINAL OWNER!!!

SHOWN BY APPOINTMENT ONLY -- WON'T LAST!!!

For further information, please contact "leon@gate.net"
wa4zlw

2324. Re: FT470 Cross band repeat?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 22:17:29 UTC
From: 52@tccn.com
Message-ID: <3igd5p$89n@jeeves.tccn.com>
Source record: 251821
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Russell P. Starksen (rps@cray.com) wrote:
: I hear that the Yeasu FT470 can be used for cross band repeat.
: Does anyone know how to do this?

Hmmm. If you have access to TCMAN (do you know Andy Warner,
G1XRL/N0REN? He also works for Cray), ftp to kd4ldo.ampr.org. I've got
the mod there in the /pub/mods/yaesu directory. I forget the filename,
but there are a handfull of 470 mods there.

I pulled them from somewhere else - possibly wuarchive.wustl.edu or
ftp.ucsd.edu.

Jim

--
Jim Henderson - W0/KD4LDO Internet: jimh@kd4ldo.ampr.org
Crystal, Minnesota USA 52@suzie.tccn.com (Preferred)
NetWire Forum SysOp (NETW4X) CompuServe: 76702,1452

"OK, so the guy is cool, but...I mean own up, this is barking time, this
is major lunch, this is stool approaching critical mass, this is...this
is...total vocabulary failure!" - Zaphod Beeblebrox's Left Head

#include <disclaimer.h>

2325. IPS Daily Report - 22 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 23:28:09 UTC
From: rwc@ips.oz.au
Message-ID: <3igha9$si8@flare.syd.ips.oz.au>
Source record: 251822
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 22/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 22 FEBRUARY AND FORECAST FOR 23 FEBRUARY - 25 FEBRUARY

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 85/27

GOES satellite data for 21 Feb
Daily Proton Fluence >1 MeV: 1.3E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 9.9E+07 (normal)
X-ray background: A9.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
23 Feb 24 Feb 25 Feb
Activity Low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 23 Feb: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 21 Feb
Learmonth 3 2211 0011
Fredericksburg 3 3
Planetary 5 4

Observed Kp for 21 Feb: 1112 1111
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
23 Feb 5 Quiet
24 Feb 10 Quiet to unsettled with possibility of later active
levels.
25 Feb 20 Unsettled with isolated active to minor storm
periods.
COMMENT: Returning coronal hole is expected to increase activity on
the 25th.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
22 Feb normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
23 Feb normal normal normal
24 Feb normal normal normal
25 Feb normal fair-normal fair-poor

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
22 Feb 49 Near predicted monthly values

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
23 Feb 40 Near predicted monthly values to 20% enhanced.
24 Feb 25 Near predicted monthly values.
25 Feb -20 Near predicted monthly values to 20% depressed.
COMMENT: MUFs at Townsville were near predicted to 20% enhanced, MUFs
at Hobart were near predicted monthly values with sporadic E observed
05 UT and 12-19 UT.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

2326. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 23:30:10 UTC
From: richwood@commspec.com
Message-ID: <7766-277078101@commspec.com>
Source record: 251823

ID>Us Xer's don't need no stupid code. The sooner you oldtimers die and
ID>turn to dust, the sooner we can run the bands the way they should
ID>be ran! Gen. X Rules!

You may not need code, but if all "Xer's" are like you a course in
remedial English might not hurt. If "Xer's" rule with this level of
intelligence, the future won't be any different than the past.

I have seen the "Xer's" and I ain't impressed.

Rich
KF2JO

2327. Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 23:30:11 UTC
From: richwood@commspec.com
Message-ID: <7766-27707602@commspec.com>
Source record: 251824

IJ>Let us give NO-code some credit.

John,
I think you'll find most Hams will judge an operator on his or her actions, not on some arbitrary license classification. As most of us know from 14,313, jerks come in all license classes.

Enjoy your license and, as long as you obey the rules, you have no reason to apologize or explain to anyone.

Rich
KF2JO

2328. Is there still a foreign stamp service?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 23:46:56 UTC
From: marxj@doa.state.wi.us
Message-ID: <3igidg$igk@doa-news.doa.state.wi.us>
Source record: 251825

I'm not an amateur, but I hope someone can help. There used to be a service for hams that sold current issue foreign postage stamps to help hams get replies to QSLs. I need some Irish stamps and would like to see if they can help me. Does that organization still exist and, if so, how do I contact them--a phone number would be helpful, too. Please reply to Marxj@mail.state.wi.us Thanks!!!

2329. Re: FT530 mod worth it?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-22 23:54:27 UTC
From: sgyee@ramp.com
Message-ID: <3igirj$34a@porky.ramp.com>
Source record: 251826

In article <1995Feb15.134859.24133@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) says:
>
>That depends on what modification you want to do to it. Replacing the
>flimsy metal belt clip with a real Motorola clip is definitely worth
>it.

I'm curious...how did you put a Motorola Clip on it ? I have access to tons of Motorola Saber clips...how did you get one on ???

Steve

---

sgyee@phx.ramp.com	Become a member of the largest
71431.2137@compuserve.com	street gang in America.....
Amateur Radio Callsign: KC7ALZ	- THE COPS !! -

| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |

2330. VK2WI Weekly News, 19th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 00:24:44 UTC
From: dave@eram.esi.com.au
Message-ID: <3igkkc$ihb@eram.esi.com.au>
Source record: 251827
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

Silent key

Howard John Freeman VK2NL passed away suddenly on Friday 17th February 1995.

Howard was born in the south of Wales, United Kingdom, on 6th February 1923. He joined the Royal Air Force at 18 years of age, and served in various roles including aircraft and radar operations from 1941 to 1946. In 1947 he joined the Civil Aviation Authority as a Senior Flight Officer.

First licensed in Australia in 1948 as VK2APF, Howard then went overseas in 1953 and served in many countries including Kenya, India, Malaysia and the United States. On returning to Australia in 1965 he returned to the bands with VK2BHF, before obtaining his final call of VK2NL in 1968.

In 1963 he joined the NSW Bushfire Service and rose to head the Service's Communications section before retiring in 1983. In 1968 he was granted a Freeman of the City Of Wollongong for services rendered during bushfires threatening that city.

Howard served on the Council of the NSW Division Of the Wireless Instute of Australia in 1974 and 1975. As NSW's WICEN Coordinator from 1974 to 1982 he rebuilt the then defunct organisation and set the foundations for WICEN's future.

Apart from devotion to his family and the community, Howard's interests ouside Amateur Radio included aviation, motor cars and jazz. Howard is survived by two sons, Mark and Peter.

VK2 Div President's message

This is Michael Corbin VK2PFQ

Today I intended to be sweet brief and to the point. Reason....I spent all day yesterday along with some very very willing workers painting the Parramatta downstairs office in preparation for our incoming tenant. Thanks go to these Amateurs who gave unselfishly of their time thus avoiding the need to pay out money to Contractors. Money saved on contractors fees.... Perhaps around $2000.00....Not bad eh!

Those responsible and deserving of our thanks are Max Bowie VK2AFE, (I think Max spent every day at the Institute this week) Dr. Tony Farrow VK2TJF, Eric Fossey VK2EFY, Pat Leper VK2JPA, (Pat took the Video and Provided her Scaffolding) Cesar Miranda

VK2TCM,(he also spent a couple of days at the office this week), Richard Murnane VK2SKY, Peter O'Connell VK2EMU, Michael Walton VK2MJ. unfortunately Clive Robertson was unwell and therefore did not attend. Fans don't worry he will be at the Wyong Field Day...No, No name card .... You'll recognise him quite easily. Those of you who don't know him.... If indeed there are any such people....Just look for the bloke wearing the yellow carnation.... (Script reads here ... give large grin ... Blink several times ... Look towards microphone ... Who writes this stuff???). Just kidding Clive!!!

Another group which deserve our thanks is the Veterans Amateur Radio people. You'll recall that I jokingly suggested last week that I might get this group to help us with the preparation and folding of copies of the VK2 submission, well Franklin, the Veteran in chief, called in after the Broadcast and offered to help.....Since I was not overwhelmed with offers from anyone else I took up their offer. Sorry fellas I left the list at the office. Since I cannot recall everyone's callsign. I'll mention them next week so as not to leave anyone out... In the meantime.....THANKS!

Next weekend there will be no SUNDAY MORNING Broadcast...WHY? Because its WYONG field Day weekend. The Broadcast I am told is not held on the morning of Wyong field day weekend.....The Sunday night Broadcast time have not changed. Anyhow that will give us more time at the Institute to prepare for the Field Day.

You know it's probably 40 years since I have attended one of these Field Days. When I was a kid attendance at all thing Amateur radio was COMPULSORY..... Since your Dad was VK2YC The President of the WIA you went where he went... So did your Mum and so did the rest of the kids of the Corbin family... I can tell you I used to hate it. The only thing I EVER liked going to was the Woy Woy field Day.... That, for you youngsters out there in Amateur Radio Land, was the forerunner of the Gosford Field Day... I recall a bloke Major Collett was mixed up in things in those days. I cannot remember what he looked like... Although I recall that he was a somewhat distinguished looking chap. I can remember his wife ..... She wore her hair in a Bun, which of course was the fashion in those days... She had that "No nonsense" air about her which struck fear into kids of my age...Anyhow us kids loved to go to these Field days because we got FREE soft drinks....Mangans I think was the brand name...And ... PENGUIN Ice Cream.... Ah yes Penguin's Ice Cream and it used to come in BUCKETS with a little wooden spoon....Some years, if you were Lucky, there seemed to be lots and lots of ice cream left over...You went home FULL... AH!!! Oh! yes...and there were also those Lucky Dips....I still have one of those silver painted valves with an arrow and "D D" stamped on it that I got in one of those lucky Dips... I could never understand why grownups would get excited about getting those funny long brown things with a couple of terminal looking things on the end of them.... It seemed to me at the time that they got excited. Anyhow I remember the year that I got one of

these ... All the Hams seemed to think that this was GOOD??? GREAT???
Myself I was not really sure.... I wondered ... what was inside one
of these things. I determined to find out..... With words like.
"You'll need one of those one day"... or ... "That"ll come in
handy???" I crept outside early that same night ... Selected a
suitable Blunt instrument and hit this BROWN thing ONCE TWICE and....
well what was all the big deal about... all I could find was a lot
of very fine wire inside this THING and I had been lead to believe
that these things were .... Most sort after???. No wonder I was not
interested in Amateur Radio in those days. In case your wondering
what this thing was, it was of course a resistor But looking
back....Those WERE the days......I wonder if they have lucky dips
at Wyong these days??? Anyone who would like to talk about those
olde days. I'd love to meet you at the Field Day. Wal Nighe that's
another name .... Drove us up to Woy Woy in an old, although it was
not old in those days, Grey Chevoret.....Hmmmmmmmm!!

The WIA WILL have a stand...All your Councillors will be in
attendence....Come and make yourself known to us. 1995 Callbooks will
be on sale .... Technical Books will be available....

See you there......I'm looking forward to seeing what a Field Day looks like
after 40 Year

News briefs

Support for our case against fees increase

David Thompson VK2BDT has sent us a clipping from the Goulburn and
District Magazine that highlights our battle aginst the amateur
fees hike and from which we quote:

" Increases of up to 100 per cent in Amateur Radio Licence fees
have been strongly opposed by Federal Member for Hume and Shadow
Minister for Transport, John Sharpe. Amateur radio users provide
an invaluable service in times of disaster such as bushfires,
floods and earthquakes, at little cost to the community. This
voluntary service is in danger of being lost, or at least
downgraded, because of the increase. The Coalition recognises the
value of their service and will oppose any moves by the Government
to approve the increase."

The news item is an excellent example of the publicity the
amateurs can gain through our local and regional papers and is
one of many the Divisional office has received from members in New
South Wales and interstate. The threat of the fees increase is a
good incentive to publicise our case and gain support. After the
fee issue reaches its conclusion, for better or worse, may we
suggest that we amateurs maintain our contacts with the media to
keep Amateur Radio in the public eye.

WICEN News

Hunter advise that their first meeting for the year will be tomorrow, at the Emergency Operations Centre, on the corner of Elizabeth and Hannell streets, Carrington, starting at 1900, and thereafter on the third Monday of each month. Do other regions have any regular meetings?

The major event this month is the Central Coast Amateur Radio Club Field Day, at Wyong Racecourse, on Sunday 26th February. As usual there will be a WICEN stall next to the Caravan, and people, in uniform, are requested to help staff it for an hour or two from 1000 to about 1500; this is an important "PR" exercise, as we sign up many new members at this event. Please contact Alan VK2YYJ if you can help, during tbe day on (02) 839-1388, or via packet radio at VK2CZR.

Events next month include the "RTA Big NSW Bike Ride" from the 4th to the 11th of March for which the current contact is John VK2AMH, and the annual Bungonia Cave Rescue on the weekend of 18th-19th March, and Mark VK2XGK is looking for volunteers who won't necessarily have to go underground; Mark can be contacted at work on (02) 936-8689.

A major event in April is the Oberon Car Rally on 29th April, and about 20 people are required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Dural report

Here again is another report on activities at the Dural broadcast station.

Work at Dural last week saw the installation of the transnmit and link antennas for the 6m repeater, and extra wiring for a battery backup system. Unfortunately, wind gusts meant it was unsafe to realign the bent antennas, so this will have to wait for another time. Thanks go to Peter VK2XZP for climbing the tower, and Tony VK2ZLT for grovelling underneath the building.

A plea for more "807" transmitting valves resulted in donations from Alan Peake in South Australia, and Mick VK2ZQM; thanks go to both of them.

A donation of a complete FM-828/E base station from Cockatoo Island was made, and it is possible that this unit may end up as a packet radio service at Dural.

Finally, don't forget that due to the Wyong Field Day next Sunday the usual morning broadcast has been cancelled; the Sunday evening broadcast will be as usual.

--Dave VK2KFU Dural Engineer

Central Coast Field Day

Now's the time to put aside Sunday 26th February - that's just one week away - for a trip to the Central Coast to visit the Annual Central Coast Field Day. The Field Day has something for everyone. There are traders galore, selling new and second-hand equipment, interesting technical lectures and workshops, special interest groups and displays, fox hunts for those with a competitive spirit, bus trips for the family, and a chance to meet people who you may not have seen for years or have only ever worked on the radio.

More than 2,000 people come from far and wide and this year as in past years there will be many international visitors.

The Central Coast Field day is held at Wyong Racecourse, just five minutes from Wyong Railway Station. The Racecourse provides an excellent venue with under cover display area, Bistro and food facilities and ample car parking within the grounds.

Two entry gates will be in operation this year to avoid the traffic congestion that has occurred in the past. Gates will not open until 8:30 a.m., and this includes entry for Flea Market traders.

An information service will be provided on the Central Coast 2 Metre Repeater 146.725 MHz using the call sign VK2AFY on Saturday 25th and the morning of Sunday 26th February.

Admission is $8.00 for adults, $5.00 for pensioners and Seniors Card holders and children under 12 are admitted free.

Further information can be obtained by writing to the Field Day Committee, Box 252, Gosford, NSW, 2250, or via Packet to VK2AFY @ VK2EHQ. Telephone enquiries can be made by phoning (043) 40 2500.

See you at the Central Coast Field Day on 26th February.

Bob Fitzgerald, VK2XRF
CCARC Publicity Officer

IPS Report

IPS WEEKLY REPORT
---
10 - 16 FEBRUARY

DATE OF ISSUE: 17 FEBRUARY 1995

INDICES:

DATE 10 11 12 13 14 15 16
10CM 81 81 81 86 82 85 86
A 1 20 25 25 20 13 (5 ESTIMATED)
T 29 30 -13 3 8 -18 31

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT MUNDARING NEAR PERTH WAS QUIET ON 10TH FEBRUARY, UNSETTLED TO ACTIVE ON 11TH; ACTIVE ON 12TH; MOSTLY ACTIVE ON 13TH WITH MAJOR STORM LEVELS 1200 TO 1500 UT. ON 14TH FEBRUARY THE FIELD WAS UNSETTLED TO ACTIVE WITH MINOR STORM LEVELS 1200 TO 1500 UT; AND QUIET TO UNSETTLED ON 15TH-16TH WITH BRIEF ACTIVE PERIODS.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PRE-DICTED MONTHLY VALUES 10TH, AND AGAIN ON 11TH UNTIL LOCAL NIGHT WHEN ENHANCEMENTS OF UP TO 30 PER CENT WERE OBSERVED, FOLLOWED BY DEPRESSIONS OF UP TO 20 PER CENT AFTER LOCAL DAWN. FREQUENCIES WERE DEPRESSED BY 15 PER CENT ON 12TH; MOSTLY NEAR PREDICTED VALUES ON 13TH, WITH SHORT SLIGHTLY DEPRESSED PERIODS; AND NEAR PREDICTED VALUES ON 14TH. FREQUENCIES WERE AGAIN DEPRESSED BY UP TO 20 PER CENT IN THE FIRST HALF OF THE UT DAY ON 15TH FEBRUARY; AND NEAR PREDICTED TO 20 PER CENT ENHANCED DURING LOCAL NIGHT ON 16TH.

BLANKETING SPORADIC E WAS OBSERVED AT TIMES ON 10TH, AND 13TH-15TH. SPREAD F WAS ALSO OBSERVED ON 14TH AND 16TH FEBRUARY.

FORECAST (17 FEBRUARY - 23 FEBRUARY)

SOLAR: VERY LOW TO LOW

GEOMAGNETIC: QUIET TO UNSETTLED.

IONOSPHERIC: NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

Castle Hill Radio Museum

Castle Hill Military Radio Collection will once again be mounting a display at the Wyong Field Day this year.

Items on display will include:
a BC611 U.S. Infantry walkie-talkie
the U.S. Navy TCS small ships transmitter
a Bendix RA-1B Catalina aircraft receiver
an Australian Wireless Set no 62, with no 10 Calibrator
a late model No 19 Mark 3 tank transceiver
and an Eddystone 730 receiver in military guise
There will also be an associated display of the English Larkspur equipment.

If you need any information on service type radio equipment, please contact me and I will endeavour to bring it to the Field Day.

Donations of equipment, spares or manuals to the collection are always greatly appreciated. As usual, I will have an empty trailer with me.

Please contact me on (02) 680 2112.

Ian O'Toole, VK2ZIO, Curator, Castle Hill Military Radio Collection.

Club news: AAPRA

AAPRA at the Field Day

AAPRA has been busy preparing for the Central Coast Field Day next Sunday 26th February at Wyong. We will be demonstrating a new modem which will run TPK, Graphic Packet, Baycom and who knows what else? It will be available in built-up form ready to go, although homebrewers will not be turned away.

There will be another Packet Seminar which will cater for present and prospective packet operators. So, if you have any questions about packet radio or want to find out what it is, come along.

Our shareware library as well as our books and manuals will be at our exhibition table where some exotic new packet programmes will be demonstrated.

See you there next Sunday

-- Geoff VK2BQ Publicity Officer

Coming events

Coming events

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Short Wave Listeners ...

Hunter WICEN meeting (Pauline VK2GTB). . . . . Monday
No Divisional broadcast. . . . . next Sunday morning
Central Coast ARC Field Day at Wyong . . . . . next Sunday
Proposed new Amateur Licence fees come into effect . . . 1 March
(may be delayed until April -- keep writing)
RTA Big NSW Bike Ride (WICEN). . . . . .4-11 March
Daylight Saving Time ends. . . . . 5 March
Summerland ARC Annual General Meeing . . . . . 5 March
Signals Reunion at Wagga Wagga . . . . . 11-12 March
Bungonia Cave Rescue exercise (WICEN-Mark VK2XGK). . 18-19 March
Hunter WICEN meeting (Pauline VK2TGB). . . . . .20 March
Divisional Trash and Treasure Sale . . . . . .26 March
Easter Monday public holiday . . . . . .17 April
Hunter WICEN meeting (Pauline VK2GTB). . . . . .17 April
International Marconi Day. . . . . .22 April

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066. Club news items can be sent by packet to VK2SKY@VK2AAB. Items may also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 19th February 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is acknowledged.

--

Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2331. Membership Contact person For Yankee Contest Clipper Club

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 00:48:53 UTC
From: bert@tiac.net
Message-ID: <3igm1l$m6u@sundog.tiac.net>
Source record: 251728

Any idea who this would be??

2332. Info on Ham Hyper Card Stack ftp site? (for MAC)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 00:52:40 UTC
From: bert@tiac.net
Message-ID: <3igm8o$m6u@sundog.tiac.net>
Source record: 251729

I came across this site vixen.cso.uiuc.edu but the directory was
empty??? Anybody know anything about this?? Bert

2333. Need advise on reparing old crystal set

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 02:26:37 UTC
From: Leonard Mccabe <leonard@Direct.CA>
Message-ID: <3igrot$aia@fun.Direct.CA>
Source record: 251733

I just picked up a old crydtal set. But the detector is broken, the wisker has detached itself from the crystal and this be repaired or is there still a source to buy a new one. Also what it the ajustment for on the crystal,
thanks for your help in advance.
Leonard

2334. My Kenwood TH78A beeps. HELP

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 02:37:45 UTC
From: mdclar00@mik.uky.edu
Message-ID: <mdclar00.793507065@mik.uky.edu>
Source record: 251734
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Howdy all you net folks and amateur radio people.

I bought a USED Kenwood 78A a while back for a good price and it's great. It works fine transmitting and receiving, but there is ONE little very annoying problem. It beeps a bunch. Now I don't mean the normal beep for button press, or beep cauze my battery's low. I mean, it just beeps. This seems to happen most when there is no radion trafic and I have not transmitted in a minute or so. At first I thought it was the cold (because when I first noticed the problem, the radio was cold) But, as far as I can tell, it has gotten worse since I bought it. I don't remember it doing it at all when I first got it. Hmmmm. It does this when it's plugged in and/or with the battery. I have the APO off and the battery saver on.

Does anyone have any idea what I should do (the radio is not modified). Or if I should send it to get repaired at Kenwood?

Thanks for any help,
Matt Clarke
mdclar00@mik.uky.edu
--
Matt Clarke KE4RWB ||
mdclar00@mik.uky.edu || "Don't be stoopid Beavis, there's always been T.V.
(410) 796-7337 || there's just more channels now"
"Proud Mac Owner" ||

2335. Re: Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 02:50:23 UTC
From: ddillon@csulb.edu
Message-ID: <3igt5f$b72@garuda.csulb.edu>
Source record: 251735

Alan Davenport (adavenpo@willamette.edu) wrote:
: In article <3hat5t$rpa@on-ramp.ior.com>,
: Robert J. Raymond <bobr@on-ramp.ior.com> wrote:
: >Can anyone give me some details on what a gin pole is and how it is used?
: >I understand this can be used to help me put up my tower? Thanks.
: >

: A gin pole is actually a very simple device. It us used to raise tower
: sections above the already-in-place tower while assembling same.
: Basically it is a pole, usually aluminum tubing, with a clamp on one end
: and a pulley on the other. The gin pole is clamped to the top of the
: existing tower and extends above the tower further than the height of the
: next section. The next section is attached to a rope and pulled up and
: held by someone on the ground, while the person(s) on the tower work it
: into place and bolt it together. Then the ginpole is removed, taken up
: the new section and the process repeated.

: A word about ginpoles: commercially made versions are expensive but may
: be a bargain if a homemade one fails to survive. I don't like to think
: about what could happen if a section of 25G fell and hit a guywire below
: me. Better-quality ginpoles allow the hoisting rope to pass through the
: ginpole so as to reduce sideloads on the pole.

: Some larger ham clubs have ginpoles or you may know someone with
: connections to a company that could loan or rent you one.

: Hire lots of your friends for your tower party. The cost for all their
: labor is usually limited to pizza and beer (the beer *only* after the
: work is done!) :-)

: P.S. A ginpole is real handy when mounting large beams, too.

A great place to see a gin pole in action is at field day during setup
and teardown. I have learned more when I was a beginning ham at field
day than I did all year. They are very handy devices, but I don't want
to even imagine what would happen if one were to fail during it's load at
about 40 feet above ground... Hard ground.
73's to all de kd6fpx

2336. Re: Station ID question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 02:52:00 UTC
From: drt@world.std.com
Message-ID: <D4FMMo.GFr@world.std.com>
Source record: 251736

Wa4fat (wa4fat@aol.com) wrote:
: Your input on the following station identification question would be
: appreciated.

: Q. What callsign shall or may be used by operators of a Club-licensed
: amateur radio station?

The very question locks you into an answer! Anyone operating a club
station must use the club *station callsign*. Period. But that's
not really your question ...

[deletions]

: In the case of club station operation, rule interpretation #1 seems to
: apply. Visitors are designated control operators of the club station and
: use the club's callsign. The station license trustee is seldom present to
: "lend" the station to a visiting operator.

: Under what circumstances, if any, would use of the operator's personal
: callsign be allowed when transmitting from a club station?

In part of what I deleted, you say the club policy is not to lend out
club equipment, and that everyone has to use the club call. That's
what forces people to use the club callsign. If the club were to
change policy, and allow any member to borrow the equipment (without
removing it!) at any time, it would be perfectly OK for people to use
their own station calls. Then what you called case 2 would apply.
One reason why you might not want to do this is that you might want
any complaints of interference or out of band activity or whatever to
go directly to the trustee, who is in a position to do something about
it, rather than who knows who, who might or might not do anything.
You can also require logging of club station activity; there's no way
to force someone to keep a log when it's not your station, meaning
there's no way to investigate complaints. But it's up to the club.

-drt

|David R. Tucker KG2S drt@world.std.com|

--

|David R. Tucker KG2S drt@world.std.com|

2337. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 03:02:55 UTC
From: Jeremi Lee <eaeu817@aldebaran.oac.uci.edu>
Message-ID: <Pine.SUN.3.91.950222185921.18804A-100000-100000-100000@aldebaran.oac.uci.edu>
Source record: 251737

> I was trying to argue a case in court because my radio was
> confiscated by university police merely because it had the
> capability to transmit on local county police frequencies. I was
> not charged with using the radio on police bands. Heck, I wasn't
> even accused of turning the power on. I used the argument that
> in an emergency, I had FCC authorization to use any frequency at
> my disposal. That kinda pissed off the local cops, and the states
> attorney.

So what happened on your case in Court? Did the State attorney
give up on you?
Did you get your radio back?

> It was rather
> specific to MY radio, which is a Yaesu FT23R, but the principal
> applies to all amateur equipment.

Do they usually sell out-of-band radios, or do you have to modify
yourself?

JL

2338. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 03:59:43 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4FprK.HrJ@zeno.fit.edu>
Source record: 251738

In article <D4EvEp.EG2@news.hawaii.edu>, <jeffrey@math.hawaii.edu> wrote:
>wkirk@bb.iu.net (William Newkirk) writes:
>
>Hi Bill,
>Your comment reminds me of what I said on here more than once last year:
>Most VHF-folks would consider their radios useless if suddenly all the
>repeaters were shut off. Few realize the value of erecting a good
>antenna and communicating via simplex.

very true. i have to be some what conservative where i live right now
but most of my operations from home are on simplex. i have a small
x-beam on a pvc stand that i can usually hear other mobiles within
a couple of miles and other base stations around the area. it's a much
more relaxed mode of operation since there's no timer and no autopatch
to have someone break in to use...(simplex keeps the phone patch repeater
free for phone patches...)
>
>Of course, simplex is not possible with a cell phone so your comment
>above does not preclude the possibility of hams continuing to
>communicate without a repeater.

ham groups should consider this aspect in their planning. the guys
here have had a bit of an uphill battle (repeaters are so warm and
friendly and "effortless" to use, you lose sight of what your real
capabilities are with the standard issue handi-talkie most have.
but it appears there are more people discovering there's more going on
than just on the "big" repeater frequency...

one thing that is happening is attempts to get good installations at
key locations so that when we're needed, the odds are good there'll
be an antenna and cable present (minimum) to give even an HT a shot
at simplex ops..
>
>73 from warm and sunny Hawaii,
>Jeff NH6IL

it's been warm and sunny here (if i could just shake the last bit of
this flu...only made one pass at O'do before i really got queasy and
had to leave...)

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2339. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 04:02:26 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4Fpw2.Hur@zeno.fit.edu>
Source record: 251739

you want *royalties*? oh, man...they're going to want YOU to PAY THEM!

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2340. Re: CALLBOOK SITE ON WWW?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 04:11:05 UTC
From: you@somehost.somedomain
Message-ID: <3ih1sp$a8a@maple.enet.net>
Source record: 251740

In article <John.Meysenburg-2202951157390001@137.79.6.116>, John.Meysenburg@jpl.nasa.gov (John Meysenburg) says:
>
>Hello folks,
>
>Does anyone know the URL site for the Callbooks?

Try http://www.mit.edu:8001/callsign

Charlie AA7NQ

2341. Re: FCC License turn around

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 04:16:11 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4FqJ0.IC5@zeno.fit.edu>
Source record: 251741
Cross-posted to: rec.radio.amateur.misc,alt.folklore.science

In article <3ifkpn$r5@mack.rt66.com>, Jay Miller <wa5whn@mack.rt66.com> wrote:
>the same Federal Government ? Nah, now if the Post Office would just work
> ...Jay

the kicker is that the USPS isn't exactly part of the Fedrl Gummint any more.

that brings me to this little tid bit -- faxed to me this very day from
a former coworker who had gotten this from a contact at the USPS.

The story is that this is an explaination why they have ethernet cables
in the sorting centers....supposed to be a memo from a maintenance
engineering specialist to a maintenance center manager....

"Ethernet cable transmits and receives electronic data through ether, a
chemical in the wire. The ether provides much less resistance then does
copper or other metal alloys. This results in a much higher baud (data
transfer) rate.

While regular coaxial cable provides a baud rate of approximately 9,600,
ethernet's buad (sic) rate starts around 19,200.

Ethernet cable is required for the ISS/OSS and other automated mail
processing systems on the work room due to the high requirement for data
transfer within these processing systems."

And remember, you get all this technical expertise behind each 32 cent
stamp you buy...

(at least i don't think Michelson/Morley's been disproved yet...)
(was good for some yucks among the RF and network folks at the office..)
>
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2342. Re: Once again, the League shafts Hams (Was: Vanity call sign or

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 04:20:40 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4FqqH.491@news.hawaii.edu>
Source record: 251742

David Rutter <darutter@delphi.com> writes:

>I hadn't thought of the point that a no-code tech could obtain a 1x2 call if
>they had a relative that "owned' the call previously. I agree, once again
>the ARRL had lobbied to protect the interests of those in Newington by
>stating that they represent those thousands of subscribers to QST.

Hi David,
I'm trying to determine how you derive your conclusion (your 2nd
sentence) from your first sentence. How does, say, 1% of the
non-coded Techs possibly getting a relative's 1x2 imply that
the ARRL was lobbying to protect its own interest? This current
fad of bashing the ARRL for no reason is nauseating.

A gut-feeling of mine is that if someone had a relative who owned
a 1x2, then that someone would more than likely have a higher class
license than a Tech. They probably would have been handed-down a
room full of HF gear. And possibly that relative would have Elmered
the younger one beyond Tech. No statistics, just my own feelings.

73 from Hawaii,
Jeff NH6IL

2343. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 04:40:58 UTC
From: lthfbjk@northstar.k12.ak.us
Message-ID: <lthfbjk-2202951840580001@uaf-du-03-02.alaska.edu>
Source record: 251743

In article <3i5n96$m2u@newsbf02.news.aol.com>, douglas213@aol.com
(Douglas213) wrote:

> 3i5ifm$1hre@news-s01.ny.us.ibm.net (Horse Nose)
> :How about a new, "no test" license. How about anyone who has the money
> just
> :buy a rig and cause mayhem on all of the bands.
>
blah blah
>
> Us Xer's don't need no stupid code. The sooner you oldtimers die and turn
> to dust, the sooner we can run the bands the way they should be ran! Gen.
> X Rules!
>
> --
> dittydittydit-dahdedahdedah - What a Joke!

hah hah hah hah....heh heh...that was good. Gen. X. Ha hah hah. Crack me
right up. What a Joke.

--
lthfbjk@northstar.k12.ak.us
Bud Kuenzli, North Pole, Alaska
wl7cik

2344. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 04:54:13 UTC
From: lthfbjk@northstar.k12.ak.us
Message-ID: <lthfbjk-2202951854130001@uaf-du-03-02.alaska.edu>
Source record: 251744

In article <3ib5dv$nsj@newsbf02.news.aol.com>, joen9yjz@aol.com (Joe N9YJZ) wrote:

>Even for those who don't use the code,
> there still needs to be a "filter" to seperate the sludge of the radio
> operators from the truly dedicated and proper ones.

And that is why, eventually, the code requirement will eventually be completely abolished for the general class. It is not a real requirement for many people. You CAN choose to do a good deal of communicating without any CW at all. To make a reg to "keep the sludge" away is just unncessary regulations that are not tied to any rational grounding. Better, much better, to actually have a real TEST of knowldege. To give 300 questions and their exact answers...the EXACT questions...prior to the test so you can study up the exact test in advance does NOT test for functional knowledge of Ham Radio, it merely tests to see if you can hold a series of diverse and possibly completely incomprehensible facts in your brain for a few days. You don't even have to understand what you are answering...just answer "B" and that's it. Who the hell knows what a capacitator is, the answer is "B".
No. There is no real need to keep code at all levels as a requirement. It is just a tradition, and tradition changes. This will. Mark my words. But if it does change, the FUNCTION of requiring code needs to be maintained. Requiring code does provide a real function and fill a real need, but it is an artifice. A real, gotta-actually-understand-it test would be useful. That is the thing that the code requirement is taking the part of. There is no real written "test". Code is the test. At least that's how it seems to me.
I don't say any of this from a desire to "get" other frequencies without code. I just think it is going to happen, that's all. The only constant is change.

--
lthfbjk@northstar.k12.ak.us
Bud Kuenzli, North Pole, Alaska
wl7cik

2345. AGC audio preamp circuit fixed/FAR Circuits

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 12:09:17 UTC
From: slg@rfc.COMm.harris.COM
Message-ID: <Pine.A32.3.90.950223065401.73484A-100000@fep01.rfc.comm.harris.com>
Source record: 251745

I posted a message earlier in the week re: problems with the AGC preamp circuit described in 2/95 QST, p. 58. The problem has been solved:

1. FAR messed up the PWB. The hole they drilled for the 12 Vdc power source's ground is wrong, shorting out several components that shouldn't have been going directly to ground. Once I moved that ground lead to an appropriate location, the circuit started working correctly.

2. I recommend using a potentiometer in place of the fixed 100k resistor at R8, as described in the last paragraph of the article. I got much cleaner audio when I adjusted the pot to approximately 50k.

Now the circuit is working perfectly--I recommend it to anyone w/ a DSP filter.

This is the first PCB I've bought from FAR Circuits. Not only did they make the above mistake, but I got a message from someone whose PCB had a solder bridge. Is FAR's quality control always this bad, or is this particular PCB especially problematic? I like the idea of buying PCBs from them (the circuit is pretty, small, and probably more reliable than it would have been had I used perfboard/point-to-point wiring), but troubleshooting this problem was an annoyance. What kind of luck have others had w/ FAR?

73, KB2PWM Steve Goldstein

2346. Re: RFI Plug 'n Power Remotes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 12:45:18 UTC
From: kenb@qatrix.lonestar.org
Message-ID: <1995Feb23.124518.1188@qatrix.lonestar.org>
Source record: 251746

Allan Cameron (acameron@indirect.com) wrote:
: Does anyone have experience with the Radio Shack Plug 'n Power modules?
: They are basicly switches and simmilar devices that receive signals via
: the house wiring. Since My HF rig does affect my phone, I really don't
: want my rig to trigger the dishwasher, washing machine and the other
: appliances that I'd like to control with the RS devices.

allan, i've never had any problems with my modules and use them quite a bit.
power levels are low here, nothing on any band (some hf, vhf, and uhf) is
greater than 150W.

73,

ken brookner, n5lpi
kenb@metronet.com
kenb@qatrix.lonestar.org

2347. Re: New Aircraft Callsigns.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 14:31:28 UTC
From: Shilkoff@ix.netcom.com
Message-ID: <3ii680$o2j@ixnews3.ix.netcom.com>
Source record: 251747

In <D4FHLE.BE@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

>Hi Larry,
>Now I'm confused. Doesn't an aircraft ID with an N call on the air? Is
>that N call its callsign or an aircraft designation number? If
>it's a callsign then it's certainly is awarded by the FCC. If it's
>a designation number assigned by the FAA, then why are they ID'ing
>with it instead of a callsign?
>
>
>Jeff NH6IL
>

Well, actually, its both. The "N" number is assigned by the FAA. The FCC issues a station license to the aircraft and simply uses the FAA assigned number.

It seems the FCC would rather have as little to do with this as possible. Until around 1985 the FCC used to issue a radio license to pilots. Not any more.

Larry
shilkoff@ix.netcom.com

2348. More Ham-Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 14:58:03 UTC
From: nd2k@hotlan.ho.att.com
Message-ID: <D4GK8s.6LE@nntpa.cb.att.com>
Source record: 251748

Did anybody see the evening news on NBC last night (2/22)? The had a clip on a husband/wife ham couple in Saddle River, NJ who get into all the neighbors consumer electronics...even appliances (toaster RFI!!).

It seems to me I've been seeing an increase of ham-bashing in the media over the past year.

--
Al Schwarz ND2K
908/949-3890
nd2k@hotlan.ho.att.com

2349. License Renewal Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 15:19:52 UTC
From: bouthill@fas.harvard.edu
Message-ID: <3ii92o$abk@decaxp.harvard.edu>
Source record: 251749

I'm afraid I've been an inactive ham for a few years now. Suddenly it dawned on me that my license just expired! ...on Feb 1, as a matter of fact. I've tried calling the FCC office in Boston and have not gotten thru. (No answer)

I'm wondering what form I need to renew and where to get it. Anyone know?

Thanks,

Larry
KA1CTX

2350. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 15:56:25 UTC
From: dtiller@rmc.edu
Message-ID: <3iib79$n2r@gnd0.rmc.edu>
Source record: 251750

fisherb@ccsnet.com wrote:

: RK> Which world is that, exactly? The one where people cower in their
: RK>homes, legally unable to protect themselves and their families? Not a
: RK>place I'd want to live, certainly.

: RK>- Rich

: I no of no one that cowers in their homes (except of course hams who
: will pee in their pants if you say knock on the door and say TVI).

Tell that to the people who live in public housing where crime is at
it's most rampant and who are simultaneously denied the very tools
they need to protect their very lives. Remember your liberal-minded
"guns sweeps" and preventing those who live in public housing their
second and fourth amendment rights? What ever happened to probable
cause? I guess it's OK to bust down the doors of poor folk 'on the dole'
just because they're being terrorized by criminals in their neighborhood.
No thanks - I'd rather live on the street where I can defend myself than
under a roof where my liberty is taken from me.
--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

2351. KL7 on 160m-update & info

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 16:30:11 UTC
From: tigger@prairienet.org
Message-ID: <3iid6j$k7@vixen.cso.uiuc.edu>
Source record: 251751

I finally snagged KL7Y on 160 during the ARRL DX CW contest this past weekend. Actually, I got him on 6 bands.

If you still need KL7 on 160, KL7Y was quite active today at 0416z (2/23) on 1829.1 MHz. KL7MX was also reported today at 0315 on 1849.0 MHz.

Also, keep in mind that the CQ 160M SSB contest is this weekend.

Good luck!

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/287 cfmd
Updated: 15 Feb 1995 Latest New One: ZL9GD
Support congressional funding for Public Broadcasting!

2352. Re: used isoloop-where to find?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 17:05:53 UTC
From: s2202629@np.ac.sg
Message-ID: <3iif9h$8om@nova.np.ac.sg>
Source record: 251752

In article <D47wBC.83s@dorsai.org>, Bill Hindin <bildin@dorsai.org> wrote:
>I have beenlooking for used AEA or MFJ isloop antennas and haven't found
>any. Any suggestions where I might find one? Tnx and 73 de AA2TF, Bill

Same here - or is everyone who purchased one so satisfied with them, they
can't bear to part with it?

(Or is it so hopless, they've thrown it away, to save another amateur from
picking it up and trying to use it?)

2353. RE:Tandy 1000sl noise

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 17:08:39 UTC
From: shane.thans@busilink.com
Message-ID: <9502231502382191@busilink.com>
Source record: 251753
Body handling: HTML body converted to readable text

HI Bob, Name her.."f3f3f3f3f3o_MHN,. I had a
Tandy 1000sl not to long ago and had that problem also,. What "I" did
was first move my radio to a diffrent location, not to far but just
someplace diffrent,. Now you say that you are getting interference into
a intercom also, well then I would look at two things, actually three,
first check your SWR reading,. Second $.j(w{o Wi,i[(BO!:?)f
H!r3LH~Nf3f3f3fyB!Ig/ _:T' are using Rws;7v(vw{wwwwr~&'?cp) }`
?)cbBfQ/Z0f3f3f2.3fE9W 1gk#1Q6'n'U~ vwviTwI6)-$R3F\Lm

2354. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 18:25:07 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3iiju3$r3f@portal.gmu.edu>
Source record: 251754

Laurence Gene Battin (battin@cyclops.iucf.indiana.edu) wrote:
: In article <3ifhru$npg@portal.gmu.edu>, Shawn C. Masters (smasters@bzy.gmu.edu) wrote:
: > It's reliability can be superseded by digital modes. For anyone that
: > doubts it, look at what CW really is. It can viewed as a limited
: ^^^^^^^^^^^^
: > PWM or ON-OFF keying, both of which are poor preformance modulation types.

: This is too facile a point. Let me reply by noting that, whereas other
: digital modes require a computer (or similar device) to properly
: receive, and can be subject to their own various forms of interference, the
: Morse Code under discussion here is normally received by a human ear,
: which is one of the finest instruments around for picking signals out
: of various forms of interference. I have yet to see a discussion of
: this question of comparing Morse to other digital modes which has
: convinved me that proper attention has been paid to the capabilities
: of the trained human ear as a signal processor. In paricular, the type of
: interference that destroys reception is probably _different_ in these
: two cases, and the relevant question should involve some discussion of
: this difference, and the prevalence of these different conditions in
: realistic settings on the various bands.. _That_ is what is commonly
: ignored in the discussions I've see.

: Anyhow, although I am no expert in any of this, I remain unconvinced
: that Code is quite so super-ceded by the newer digital modes.

No matter how good the human ear works, the modulation style limits
it to be no better then non-coherent BFSK demodulator, at a lower data rate.

73,
Shawn
KE4GHS

2355. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 18:35:28 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3iikhg$r3f@portal.gmu.edu>
Source record: 251755

jeffrey@math.hawaii.edu wrote:
: Hi Shawn,
: Let's have a little contest. You build from scratch an FSK transmitter-
: receiver system, and I'll build from scratch a CW xmtr-rcvr system.
: Then let's spend some time on the air with our homebrewed rigs
: and see which is the more efficient system. I can't wait to see what
: you come up with for a receiving system! Will you be decoding the
: frequency shift by ear? If not, what will you use to display the decoded
: characters? Remember now, we're building from scratch.

: I guarantee when we're done you'll no longer call FSK a ``simple digital
: mode.''

Already done. We were going to fly it on our helo, but I found a
very inexpensive Spread Sprectrum system. In complete fairness the
modulator was a singal chip (yes a little more complex then many CW rigs, but
still fairly simple), and the demodulator was two chips. I could have
done the demod with two filters and a voltage comparator, but I got lazy and
used a PLL.
The nodes on either end were 68HC11s which are about as simple to use
as rolling off a log. Granted, a brass key is simpler, but a little to heavy
for flight weight constraints:-).
All in all, non-coherent BFSK is a very simple digital mode. Look
at a Baycom modem sometime.

73,
Shawn
KE4GHS

2356. MFJ 10 band antenna (good/bad)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 18:37:40 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3iiklk$of8@acme.freenet.columbus.oh.us>
Source record: 251756
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Was wondering if anyone was using the relatively new MFJ 10 band antenna?
it is the one that covers 80/75, 40, 30, 20, 17, 15, 12, 10, 6, 2 meters.
Am considering buying so when I FINALLY pass code I at least have the
antenna ready for HF rig.

Any thoughts would be appreciated. Either post or email is fine.
thanx,
73,

--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

2357. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 18:39:30 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3iikp2$r3f@portal.gmu.edu>
Source record: 251757

michael silva (mjsilva@ix.netcom.com) wrote:
: In <D4Eunn.E6n@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

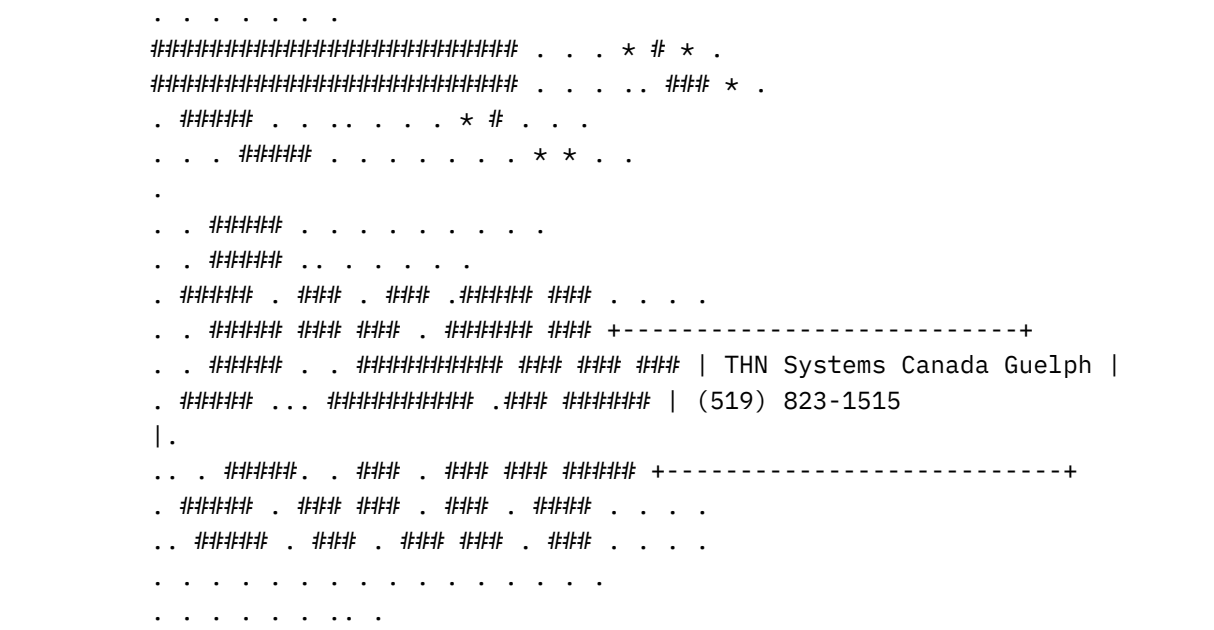
: >smasters@bzy.gmu.edu (Shawn C. Masters) writes:
: Point well made, IMHO. Don't forget, in calculating efficiency, to add
: in *all* the watts going into the system, not just the juice into the
: final. This isn't a pro- or anti-code comment, just an admonition to
: look at the *whole* package before talking about efficiency, simplicity,
: etc.

You all have got me there. I use a bit more power. I guess I can
only run out of my basement on car batteries half as long. Of course the
data takes half as long to send... If you look at most discussions the
theoretical max of both are the same. It's just harder to approach with
OOK.

73,
Shawn
KE4GHS

2358. THN Guelph Now Online

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 19:01:30 UTC
From: Dave.Turner@x250_134.gryn.org
Message-ID: <f1b_9502240754@tor250.org>
Source record: 251776



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~U~~~~~~~~~~~~~~~U~
--
| Fidonet: Dave Turner 1:250/134
| Internet: Dave.Turner@x250_134.gryn.org
| Standard disclaimer: The views of this user are strictly his own.
```

2359. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 19:49:06 UTC
From: battin@cyclops.iucf.indiana.edu
Message-ID: <3iiori$emv@usenet.ucs.indiana.edu>
Source record: 251758

In article <1995Feb23.151117.11459@clark.dgim.doc.ca>, Jim Cummings (jcumming@dgim.doc.ca) wrote:
> Laurence Gene Battin (battin@cyclops.iucf.indiana.edu) wrote:
> : In article <3ifhru$npg@portal.gmu.edu>, Shawn C. Masters (smasters@bzy.gmu.edu) wrote:
> : >
> : > It's reliability can be superseded by digital modes. For anyone that
> : > doubts it, look at what CW really is. It can viewed as a limited
> : ^^^^^^^^^^^^
> : > PWM or ON-OFF keying, both of which are poor preformance modulation types.

> : This is too facile a point. Let me reply by noting that, whereas other
> : digital modes require a computer (or similar device) to properly
> : receive, and can be subject to their own various forms of interference, the
> : Morse Code under discussion here is normally received by a human ear,
> : which is one of the finest instruments around for picking signals out
> : of various forms of interference. I have yet to see a discussion of
> : this question of comparing Morse to other digital modes which has
> : convinved me that proper attention has been paid to the capabilities
> : of the trained human ear as a signal processor. In paricular, the type of
> : interference that destroys reception is probably _different_ in these
> : two cases, and the relevant question should involve some discussion of
> : this difference, and the prevalence of these different conditions in
> : realistic settings on the various bands.. _That_ is what is commonly
> : ignored in the discussions I've see.

> I believe that there has been no discussion on the different types of
> interference which affects digital communications differently than CW
> because there is none. They are subject to the same sources, i.e. fading,
> multi-path, co-channel, adjacent channel, etc. However, I would be
> pleased to know your insights on this matter and would welcome a
> discussion on this topic.

As I have said, not being an expert in this subject, I am willing to
be convinced, but _not_ by any argument that dismisses the possibility
of very real differences between the brain/ear combination receiving
Morse in the presence of interference and the possible combinations of
DSP and analog filtering receiving a digital signal of similar
bandwidth.
To simply repeat that there _are_ no differences or that they somehow
cancel in an unspecified way, does not convince me.

Let me give an example of what I mean:
I can detect pitch differences of the order of a semitone (and, no I
^^^^^^^^^^^^^^^^^^^^^^^^^^
haven't computed the equivalence into Hz), and do not need an

extremely "tight" filter just to eliminate nearby QRM. I can do this
with some reliability even when the desired signal has less volume
^^^^^^^^^^^^^^^^^^^^ ^^

than the QRMming signal. Now, before you can even discuss whether this is duplicable with a digital system, you had better have some hard data on the underlined claims that can be fairly compared to the performance of the digital system. These are the sort of human performance parameters that have been studied by psychologists or other scientists in related fields. To claim, as you do that, "the lack of psychological studies" _doesn't_ "preclude any judgement of the superiority of digital modes compared to CW" means, to me, two things:
1). You aren't even aware if such studies exist (and I'd be frankly surprised if they _didn't_), (or you have poorly worded a statement which intended to say "the lack of the citing of psychological studies...")
2). You would be willing to judge the superiority of one mode over another without caring what a careful scientific study might show.

Now the first merely illustrates my earlier point: People want to make pronouncements about this topic without citing hard data that _is_ relevant. At least relevant as far as I'm concerned. But I expect to see an argument that would try to convince me that this data _isn't_ relevant, rather than the mere asserion that it isn't. Call me skeptic, but assertions don't wash. In very simple terms, you are essentially telling me that _you_don't_know_ what the performance of the human system is, you are just _sure_ that the digital system _has_ to be better...Now, I will be the first to admit, _I_don't_know_ what the performance of the human system is either, but, gosh-darn-it-all, it _does_have_ a performance level, and someone who is claiming that that is _exceeded_ by some other system had better show some numbers that are supported by _relevant_ measurements.

The second is illustrated by the arguments which boil down to "everyone else is abondoning X, therefor there is something superior to X". Such an argument hinges on a couple of points: (1) "everyone" is acting in an intelligent fashion, (2) we share the deciderata that influenced "everyone"'s decision.

Now, I have read contradictory things about the abandonment of Code. I have read that the military abandoned the code, only to return to it. I have _not_ read that they subsequently abandoned it again, although I would not be surprised either way. The military makes, IMHO a good illustration of the possibilities that this type of argument can be flawed, because we all know that they sometimes make decisions which, in hindsight, were pretty bad, or at least premature. Perhaps this is a case in point. Anyhow, all such arguments boil down to how we balance the desired capabilities versus the costs. I would be the first to admit that, if I wanted to send 64k of text to a friend, any other means than digital would be silly, _but_ isn't it a waste of bandwidth to take about 200Hz to send him my hand-typed (at certainly

less than 20wpm, I'm no speed typist) real-time just-now-thought-up-comment,
(order of magnitude of bandwidth of typical HF digital text mode)
when, at 20wpm Morse I would use up only 80Hz or so? (How many other
people can simultaneously use this band segment while I am typing this
digital message, if they are also typing messages at roughly the same rate?
How close can others come within my 80Hz code bandwidth without
causing my friend to make mistakes in deciphering my code?
Don't these different questions also effect the judgement?)

However that may be, I hope you see why I remain unconvinced by what
I've seen around here so far...and I _don't_ have any prejudice
against using a computer.

> the lack of redundancy, but with the redundant formats available to the
> amateur today, the bandwidth-throughput product leaves CW far
> behind.

Here you have an opportunity to supply some numbers to help those who
are not enamored of other digital modes to change their minds:
1) _What_ is the numeric value of this bandwidth-throughput product
for the two modes?
2) What is the degredation of this value in the presence of QRM and
QRN? (And is this a reasonable question, and if not, why not?) Or does
this quantity already take into account the effects of QRM/N and does
it actually reflect the reality of ear/brain performance in this case?
3) Since all of the above should be expressable in numeric terms, just
_how_far_behind_ are we talking here?
4) Does the use we expect to make, or traditionally make of the ham
bands _need_ this improvement?

And, of course this all leaves open the question of emergency
communications: for every example you give me of ships and governments
abandoning code, I can reply with examples where knowledge of the code
proved a life-saver because of the failure of the higher-tech systems.
I will admit that some of these stories seem a bit strange. For
example, I can't imagine being so cold that I couldn't speak, yet
could still send recognizable code by hand. I have never been in
danger of freezing to death, so I have no way of judging if this is a
reasonable thing, but it seems strange to others I have related it to,
also, so I'm not alone in this feeling. Here is an example where I
would expect the pro-coder to provide some hard data: I'm sure the Air
Force, among others, _has_ done studies concerning human capabilities
in extreme environmental conditions, so let's see the data that
supports this claimed divergence in motor skills with regards to
temperature.

Anyhow, for me anecdotal evidence is always potentially suspect. On
both sides of this debate. And so are unsupported assertions of fact.

> officer. If this system of communications is not superior, I would find
> it hard to believe that your government and mine, as well as all the other
> members of IMO (International Maritime Organization - another UN body like

> the ITU) would agree to convert from the Morse code based to GMDSS.

I never find the behavior of politicians to be hard to believe.
The political power accruing (sp?) to the nations which _control_
these satellites is _enormous_, and only enhanced if they can become
the "official" worldwide unique means of maritime routine and
emergency communication. Making the powerful and rich corporations
which build these babies and get them launched happy has to have some
political repercussions, too. However, anytime _anyone_ tells me that I
am actually _safer_ with all my eggs in one basket, I reserve the
right to be very skeptical of their motive. For someone who is
enamored of digital redundancy, the concept of redundant emergency
systems ought to be comfortable, and I submit that providing
auxilliary code capability has got to be one of the cheapest ways of
providing redundancy in this context that I can think of. Do you
disagree?

> Furthermore, if Morse code is so superior because of its low technology
> characteristic, why are all other services and users getting out of
> it?

If Ham Radio is so superior because of its higher level of conduct and
the challenging nature of its discipline, why did so many more flock
to CB in the sixties, and seventies? It would'nt be because it was
easier, and big corporations who stand to gain moocho bucks selling
bells and whistles to people who don't want to exert themselves don't
see a profit in the marketing of those bells and whistles, would it?
Heck, you can't even find more than one or two simple, no frills,
decent HF rig adds in between all the latest multi-vfo,
zillion-memory, automatic-everything-tuner, 100-if-filters plus DSP,
latest-model whiz-rigs out there. I submit to you that, willy-nilly,
Ham _is_ getting out of it too, but I think that the process ought to
be an _informed_ one, and not just motivated by a me-too mentality.

> To be blunt, although amateur radio operators claim that they are in the
> fore front of developing communications (I have no doubts about that
> claim), there is a vocal sector that states low tech is superior. In my
> view, this is a conundrum.

In my view, the assumption that low tech is always inferior is a poor
one to make. That is why I want to see the hard data, at least cited,
from peer-reviewed literature before I will accept the application of
that assumtion in this particular case. Low tech, after all, _can_ be
better, in certain circumstances, particularly when the cost of high
tech can't be supported. I'll take battery power for my HT over
lugging a SNAP-reactor around. :-) (Actually, modern batteries are
probably higher-tech than SNAP anyway.)

> : So, if we are to raise again the specter of John Henry versus the
> : Steam Hammer (or was that Drill?), we ought to be at least fair
> : to John Henry.

> No doubt - he should be unfettered as to how he wishes to proceed.
> However, what is sauce for the goose is sauce for the gander, the steam
> hammer should not be hampered either. If that means that it has a
> technological advantage, so be it. Hampering, or even denying, the use
> of technology will not produce a fair comparison either.

Absolutely granted.

> : > As for a people filter, why not have more theory on the exams? I'll
> : > tell you why. A large portion of current hams couldn't qualify for their
> : > current licenses. Beyond that 5WPM is required by international law for
> : > <50MHz.

> This individual is mistaken - the ITU Radio Regulations do not stipulate
> a minimum speed for Morse code testing in order to operate below 30 MHz,
> it just states that the individual must demonstrate a knowledge of Morse
> code in order to use those frequencies.

> Perhaps this sense that CW is superior is founded on ignorace (not the
> prejorative meaning). I would encourage all those who are not in digital
> communications to consider doing so, if not to confirm my opinions, but
> for to expand their horizons in amateur radio.

I agree with the last sentiment too, and hope that Hams can justify their
band occupancy with both quality _and_ quantity arguments, against the
other services which would potentially encroach.

> Please let's have more discussion, Gene.

I will be the first to plead ignorance in this case, but my ignorance
is not so much from not wanting to know the facts as it is in
never having seen a convincing demonstration of the facts. I am
willing to be convinced in either direction. Techno buzz words such as
"bandwidth-throughout product" (and _I_ don't mean this to be
perjorative, either) may or may not be meaningful, but not until I see
the numbers/model and all the hidden assumptions/presumptions wrt its
relevance explained. The Devil is in the details, as always, and He is
certainly pleased to see the flames generated over this issue.

> 73 and live better digitally
> Jim, VE3XJ

Digital - which means "by the fingers" - which means Morse!

Gotcha!

73
--
Gene Battin, N9XAM
battin@iucf.indiana.edu

2360. RE: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 20:01:30 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf4ca292.057@lan.mcl.bdm.com>
Source record: 251759

>why is the amateur radio gear going to survive over all the other
>equipment? there must be 100X the number of cell phones compared to
>2m HTs. what blows down the cell phone repeaters probably took
>down the ham repeater as well

The last major snowstorm that we had in Alabama was 2 years ago. It
was a thunder-snowstorm and lightning took out the highest tower
where the cellular, state troopers, and county sheriffs had their
antennas. The Troopers and SO managed to work around it. As far as
the cell site, it was about 3 days before cell service was back up. You
could make it into the next cell site (barely) if you had a gain antenna, but
if you didn't you were out of luck. Landline phone service was down in
some areas as well.

As for 2m and 70cm, the repeaters weren't on the highest tower and
survived with no problem. I wasn't a ham then, but I was listening. Even
11m had a good bit of activity!

It just goes to show you that amateur radio can survive when other
services fail.

Warren Whitby
wwhitby@lan.mcl.bdm.com
73s de KE4ITL

2361. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 20:06:48 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3iipso$c7@ixnews3.ix.netcom.com>
Source record: 251760

In <3iikp2$r3f@portal.gmu.edu> smasters@bzy.gmu.edu (Shawn C. Masters) writes:

>
>michael silva (mjsilva@ix.netcom.com) wrote:
>: In <D4Eunn.E6n@news.hawaii.edu> jeffrey@math.hawaii.edu writes:
>
>: >smasters@bzy.gmu.edu (Shawn C. Masters) writes:
>: Point well made, IMHO. Don't forget, in calculating efficiency, to add
>: in *all* the watts going into the system, not just the juice into the
>: final. This isn't a pro- or anti-code comment, just an admonition to
>: look at the *whole* package before talking about efficiency,
simplicity,
>: etc.
>
>
> You all have got me there. I use a bit more power. I guess I can
>only run out of my basement on car batteries half as long. Of course the
>data takes half as long to send... If you look at most discussions the
>theoretical max of both are the same. It's just harder to approach with
>OOK.
>
Well, Shawn, I guess I just don't understand the rules of this game. First you bring up efficiency by saying OOK is not as efficient as some FSK modes, then you toss it off with a joke about basements full of batteries. Did I take you too seriously the first time?

Re your other posting about the 6811-based system, the skills you applied in creating that system are clearly of greater value and application to current radio practice than CW knowledge, but, even though you find it like rolling off a log, what you did was *not* simple. Converting human input to machine data, and reconverting back to human output, is a considerable task (of which a Baycom modem is only one element). Many people talk of digital modes as simple when what they really mean is that it was easy to buy all of the pieces. That's a valid criterion for consumers of technology, but amateur radio is supposed to be more than that.

Mike, KK6GM

2362. Re: Too Much for Too Little (was re: The Legacy...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 20:09:20 UTC
From: negaard@draagen.graceland.edu
Message-ID: <NEGAARD.95Feb23140920@draagen.graceland.edu>
Source record: 251761

>>>>> "jeffrey" == jeffrey <jeffrey@math.hawaii.edu> writes:

jeffrey> WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:
>> Because of all of this influx of new hams, manufacturers are
>> producing new, full-functioned VHF/UHF gear. Look at Radio Shack.
>> They produce excellent 2m and 70cm HTs and are going to have a
>> mobile radio out. Maybe I am just guessing, but I believe that the
>> large number of Technician class hams has had something to do with
>> those radios being introduced.

jeffrey> Hi Warren, What you say above is not something to be entirely
jeffrey> happy about. As a result of such an abundance of
jeffrey> commercially-built radios being available, the older and
jeffrey> newer hams alike wanting to explore the world above 30 MHz no
jeffrey> longer have the impetus to build anything.

I'm a new ham, working on upgrades, etc. I currently operate a
Heathkit HW-16 CW-only transceiver with an HG-10B VFO. The set
probably needs going through, but I lack test equipment, and am having
some trouble finding someone to help me out. Reception is possible,
but not great, and I'm not real sure what transmit is like: I've
completed one QSO, and that was across town on the day I bought the
rig.

The truth is--I'd really, _really_ like to find plans for a multi-band
multi-mode HF XCVR that I could build for an affordable price. I'm
too BROKE to buy anything else. I saw a Kenwood TS520S at Ladd
Electronics yesterday, and while it was reasonably priced, and looked
like a nice rig, there just wasn't any way. I'm _stuck_ until such
time as I either save up enough soda cans (6000 for the Kenwood), win
the PowerBall (yeah, right), or find a way to build my own stuff.

If I could build something on a par with what's available in
work-horse transceivers I'd do it. If it was a modular kind of
design, to which I could add features as I could afford them, I'd be
able to get an earlier start. As things stand, I'll muddle by with my
Heath, but I feel like I'm operating under something of a handicap.
(I'm definitely operating under a spending cap.)

jeffrey> Amateur radio used to be synonymous with constructing at
jeffrey> least part of one's station (out of both need and desire) but
jeffrey> with what's on the market today most folks say `why
jeffrey> bother?'. Thus, we're becoming a huge pool of operators who
jeffrey> really know nothing about what's going on behind the front
jeffrey> panal of our rig. Trouble-shooting a broken radio now means a
jeffrey> phone call to UPS. I find this more than a bit troubling.

I'm a bit troubled too, though mainly because of the limitations that
a budget-bound individual faces when trying to get a start in HF.
Surely there are amateurs out there who are capable of designing a rig
like the one described above. I _think_ that I could, if I had enough
time to bone up on theory and the like. Alas, I'm also time-bound,
and I would like to spend some fraction of each day actually operating
(or at least copying).

jeffrey> 73 from expensive Hawaii, Jeff NH6IL Jeffrey Herman, Manoa
jeffrey> Valley, Island of Oahu.
--
o David Negaard o negaard@graceland.edu
o Help Desk Technician o http://www.graceland.edu/~negaard
o 700 College Avenue o linux-phile
o Lamoni, IA 50140 o 73 de KB0PXK

2363. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 20:25:08 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.793571108@melpar>
Source record: 251762

One comment I think may be somewhat relevant to the CW vs digital debate (and, by the way, although the debate has been "heated" at times it has still remained pretty much a debate and not an argument; my compliments to all concerned): I think that, in reviewing the reasons why code is abandoned in some fields, there is always more to it than mere technical superiority of some other mode.

I submit that part of the reason that code is being abandoned in more advanced countries is purely *economic*. In the long run, it is far cheaper to install modern, high-tech, highly complex but unbelievably reliable (by '40s-'50s'60s standards) equipment than to pay the salaries of Radio Officers. The equipment can be available 24 hours a day, 7 days a week, forever, while the Radio Officer needs a relief, a vacation, time ashore, etc. The equipment is a one-time purchase which, if it follows the pattern of most modern electronic equipment, will *never fail* in normal usage (I haven't encountered a failure in a solid-state piece of ham or home electronics equipment less than 5 years old in 20 years, and no more than one or two *total* failures in older equipment.). This offers *tremendous* savings to, say, a ship-owner.

As some evidence of this, listen to the maritime frequencies and note which countries still use "live" CW operators: Those that probably find it *cheaper* to pay the low salries common in those countries then to invest the equivlent of several tens of thousands of dollars in modern, automated digital equipment. And until the International Regs make it mandatory that thay do so, they won't; but don't hold your breath for *that*, either! In 1923, there was actually discussion of outlawing spark at the Radio Conference in Washington, but the idea was shelved for *economic* reasons: Conversion to CW required the use of vacuum tubes which were then under the monopolistic control of a few manufacturers who charged exhorbitant prices for them (see "200 Meters and Down" by Clinton B. DeSoto, p. 84), so in deference to those who couldn't afford to switch spark was still allowed to exist (although it was virtually abandoned by everyone by 1925; sort of "died a natural death," so to speak).

Anyway, just another slant on this thread.....BTW, I'll be the first to admit that I "do code" *only* because I find it enjoyable. I could care less about its efficiency (or lack thereof) - it's a *hobby*, after all! If I want "efficiency" I'll use the telephone, or the Internet, or..... ;-)

73 DE K4MSG

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(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

2364. Re: New Aircraft Callsigns.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 20:35:38 UTC
From: bobw@techsun.cs.usu.edu
Message-ID: <1995Feb23.143539.42700@cc.usu.edu>
Source record: 251763

In article <D4FHLE.BE@news.hawaii.edu>, jeffrey@math.hawaii.edu writes:
|> shilkoff@ix.netcom.com (Larry Shilkoff) writes:
|>
|> >jeffrey@math.hawaii.edu writes:
|>
|> >>Completely unrelated, I've read that the first Boeing 777 in
|> >>commercial operation will have the callsign WA002. It appears as
|> >>if the FCC has run out of N callsigns for aircraft.
|>
|> >I believe you have been misled. The FAA issues the "N" numbers on
|> >aircraft, not the FCC. Additionally, an "N" still precedes all
|> >aircraft registered in the U.S. The number of aircraft registered in
|> >the U.S. would not even come close to using up all the combinations
|> >possible.
|>
|> Hi Larry,
|> Now I'm confused. Doesn't an aircraft ID with an N call on the air? Is
|> that N call its callsign or an aircraft designation number? If
|> it's a callsign then it's certainly is awarded by the FCC. If it's
|> a designation number assigned by the FAA, then why are they ID'ing
|> with it instead of a callsign?
|>
|>
|> Jeff NH6IL

The aircraft tail number IS the callsign. The FCC recognizes the tail number as a legitimate radio call sign since
that number is unique to all other aircraft worldwide. Actually the FAA keeps track of it's frequencies more than
the FCC. With all those ears on aircraft frequencies ending up in FAA flight centers plus all the pilots you
wouldn't get away with much.
BTW aircraft ground stations (Unicom and such) have callsigns similar to commercial 2 way radio calls but they
use their location as the designator and you don't hear the callsign. Our local airport (LGU) is just LOGAN.
--
==========
Bob Wood Computer Specialist and System Administrator
Utah State University Computer Science and College of Science
Logan, Utah 84322-4205
voice: (801) 797-3205 fax: (801) 797-3265
Internet: bobw@techsun.cs.usu.edu bobw@cc.usu.edu
BITNET: bobw@usu.BITNET

SPAN: USU::BOBW
==========

2365. Re: RFI Plug 'n Power Remotes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 21:20:19 UTC
From: ddillon@csulb.edu
Message-ID: <3iiu6j$q25@garuda.csulb.edu>
Source record: 251764

David Tiller (dtiller@rmc.edu) wrote:
: Allan Cameron (acameron@indirect.com) wrote:
: : Does anyone have experience with the Radio Shack Plug 'n Power modules?
: : They are basicly switches and simmilar devices that receive signals via
: : the house wiring. Since My HF rig does affect my phone, I really don't
: : want my rig to trigger the dishwasher, washing machine and the other
: : appliances that I'd like to control with the RS devices.

: : I'd appreciate comments from any hams who have the Plug 'n Power devices.

: Another place to look for answers is the newsgroup comp.home.automation.
: Good luck.

I've never had problems with my HF or UHF/VHF causing the plug/power
things from rat shack to malfunction. Not a single time has somehting
come on when it shouldn't. I have other rfi problems, but not in re. to
those little units. Use 'em, no worries. If they do give you problems,
the rat shack has a liberal 30 return policy. Take advantage of it.. but
I doubt you'll have to

2366. ARLD009 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 22:30:00 UTC
From: w1aw@arrl.org
Message-ID: <$arld009.1995@ampr.org>
Source record: 251765
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD009
ARLD009 DX news

ZCZC AE84
QST de W1AW
DX Bulletin 9 ARLD009
From ARRL Headquarters
Newington CT February 23, 1995
To all radio amateurs

SB DX ARL ARLD009
ARLD009 DX news

This week's bulletin was made possible with information provided by Bob, WB2CJL, Tedd, KB8NW, Joan, C31US, Denis, WD4KXB, and John, KK9A. Thanks to all.

BHUTAN. Yasuo, JH1AJT, one of the A51/JH1AJT crew, hopes to return sometime this summer. He left all the rigs, antennas and amps in Bhutan.

CONGO. DL1YFF is operating as TN1M and should remain active for another 3 or 4 weeks. Check 14239 kHz around 2115z.

MADAGASCAR. DL5UF, DK1CE and DF5WA will be active February 25 to March 10 on CW, SSB and RTTY, 160 through 10 meters.

CAMBODIA. Sanyi, XU7VK, has received a special call sign, XU95HA, which he can use for special events, such as contests, and any special Cambodian or Hungarian celebration. QSL via HA0HW.

LAOS. XW2A and XW1BOD have been active on 20 and 40 meter CW. 20 meter action is usually between 2300 and 0100z. Try between 1430 and 1700z and again between 2100 and 2230z for 40 meters. QSL XW1BOD via JA2BOD. QSL XW2A via JA2EZD.

WESTERN SAHARA. Tim, KC0PA, has been very active as KC0PA/S0, especially on 12 and 17 meters. Check 18126 kHz between 1645 and 1800z and 24950 kHz between 1415 and 1645z. Also check 3780 kHz around 2350z. QSL via Timothy Hardy, 137 Kelli Circle, Byron, GA 31008. No documentation for this operation has been received by the DXCC Desk, and the licensing authority in the past has issued only complete call signs.

SOUTH SHETLAND. DL7VTS continues to be active as DP1KGI from Ardley Island. He has been on 20 meter CW, SSB and RTTY, usually between

2300 and 0300z. Check out 7050/7185 kHz for his SSB on 40 meters at 0345z. QSL via DD6UAB.

ZAMBIA. Brian, 9J2BO is on the air daily on 1825 kHz CW around 0400z. He also operates 10 and 15 meter CW between 1330 and 1545z. George, 9J2GA has been on 1847 kHz SSB between 0345 and 0415z, and also 80 meter SSB between 0415 and 0445z.

BOTSWANA. Dave, A22MN, will be on 160 meters at 0330z daily for the next week or two. He normally transmits on 1827 kHz and listens up 5. Dave will leave Botswana in mid-March. QSL via WA8JOC.

GUATEMALA. Scott, KA9FOX, will be operating ''field day'' style from atop a 6,000 foot mountain as either TG0AA or TG0DX. During the first week of March he will operate from TG9AJR as TG/KA9FOX.

MONTSERRAT. Members of the Woodridge Wireless group will be operating VP2MFM March 1 to 6, including the ARRL SSB DX contest. Outside of contest hours, Denis, WD4KXB, will operate RTTY. Other operators may be on 160 through 6 meters. QSL via WD4KXB.

John, KK9A, will be on the air as VP2MFP from February 28 through March 6. He plans an 80 meter single band operation during the contest. QSL via WD9DZV.

ANDORRA. Prefix hunters note that during March the prefix C37 will be used by members of URA with C31 prefixes.
NNNN
/EX

2367. Re: RFI Plug 'n Power Remotes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 23:14:51 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <793581291snz@microvst.demon.co.uk>
Source record: 251766

In article <D4A7HE.FIo@indirect.com>
acameron@indirect.com "Allan Cameron" writes:

> I'd appreciate comments from any hams who have the Plug 'n Power devices.

You might try posting this also to comp.home.automation where X-10 users
and manufacturers will certainly have knowledge of this.

I have X-10, not with the Radio Shack imprint, and have never had any
problem with inadvertant operation from R.F.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2368. TNC+modem+mouse=com port cram!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 23:28:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A41418.00CB002750.uuout@camel.com>
Source record: 251767

I'm suffering from "com port cram". I'm trying to run a serial port TNC (the Heathkit clone of the PK-232), a US Robotics Sportster internal modem, and a mouse, without plugging and unplugging all the time. I'm trying to use Lan-Link v. 2.32 for the TNC, and the Quick Link 2 software that came with the modem. Someone told me I need to set up the modem on com port 2 and the TNC on com port 4 (or vice versa), and use the same IRQ (#3). I've tried it both ways, but I can't get either device to work when both are plugged in. The TNC seems to work ok on com 4, but not the modem. Should I try different IRQs? Should I try running both the TNC and mouse off com 1 since I don't use the mouse with the TNC software? Any suggestions appreciated. Robert WD5AAT

2369. Lan-link and old PK-232 clone

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-23 23:29:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A41419.00CB002751.uuout@camel.com>
Source record: 251768

I'm trying to get Lan-Link v. 2.32 to run my 1987 vintage AEA PK-232 (actually the Heathkit HK-232, a clone). Has anyone tried this combination? Or is this software only compatible with the newer PK-232MBX? Thanks, Robert WD5AAT

2370. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 00:26:00 UTC
From: lgregory@cris.com
Message-ID: <3ij92o$h1v@deathstar.cris.com>
Source record: 251769

In article <D4EHrw.In7@zeno.fit.edu>, wnewkirk@bb.iu.net (William Newkirk) says:
>
>
>why is the amateur radio gear going to survive over all the other equipment?
>there must be 100X the number of cell phones compared to 2m HTs.
>what blows down the cell phone repeaters probably took down the ham
>repeater as well

An interesting semi-pertinent story:

Two summers ago back in my hometown, we had a freak thunderstorm downburst roll through--85 mile an hour winds, hail, literally hundreds of trees uprooted or blown down all over the place, 100,000+ people without power, etc. (Fortunately, there were few injuries and relatively little property damage.)

After the storm let up, the only radio repeater working in the area was a two-meter repeater just north of town, that got spared the worst of the wind. No police, no fire, no rescue, no nothing. Just one ham repeater was all the wide-area coverage still working for about an hour. We wound up using the repeater to carry some traffic between the city police dept. and an outlying county sheriff's department later in the evening, once all the public service repeaters got their juice back.

(If nothing else, it prompted our club to make sure we had an emergency 440 repeater at the local hospital.)

It just goes to show--you never know sometimes. :)

73 de KD4QDP

Lewis "Moose" Gregory / lgregory@cris.com, moose@infi.net / CIS: 76460,616

<.SIG CONSTRUCTION ZONE -- SPEED LIMIT 2400 BAUD>

Air Warrior: #6340, C-land -- 313th FS "The Flying Squirrels" / BARNEY MUST DIE

2371. Good folks at FCC and ARRL - The system WORKS!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 00:40:15 UTC
From: dmlee@cris.com
Message-ID: <3ij9tf$f13@deathstar.cris.com>
Source record: 251770

I called the FCC 16 days after my last test to check the status. The agent I spoke with was actually concerned that they didn't have a record of it in that time and suggested I call the ARRL VEC (she even gave me the phone number).

I called the ARRL, the VEC was one of the most pleasent and helpful people I've had the pleasure to speak with (I'm sorry I don't remember his name). He took the time to check his records and found that my application had arrived the day before I called. He assured me that the information would be sent to the FCC the next day and that I'd have a call sign issued within 48 hours. He was right.

The system works. The ARRL (from the 10 or 12 people I've come in contact with) works. I guess the flamers here REALLY ARE the anomaly. There are folks working for a better system who care about amateur radio.

I'm glad to be back!

// David M. Lee dmlee@cris.com
// or David_M._Lee@compuware.com
//
// Bill Gates for Ferringi Grand Nagus in 1996!!
// Rule of acquisition #874 -- "Make 'em pay for the beta --
// the general release,
// AND the bug fix"

2372. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 01:12:22 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3ijbpm$1ra@thor.inlink.com>
Source record: 251771

Bruce Miller (brucem@eskimo.com) wrote:
: I'm doing a bit of research on the use of out-of-band frequencies
: by amateur radio operators for emergencies. Presumably, under the law
: an amateur radio operator is authorized to originate or respond on a
: frequency (any frequency) in dire emergency. I'd like know if the FCC
: really upholds that concept. If you have details,
: I'd appreciate those details: circumstances, results, and consequences
: (from FCC or other authorities).

: Ok to respond directly to me via email: brucem@eskimo.com

Hi Bruce
You didn't say whether you were a licensed ham or not.
If not, the only radios that you may own with transmitting capabilities must
be FCC type acceptaed, no exceptions.
If you make any alterations or mods to a radio with transmitting capabilities
then the unit is no longer type accepted.

Even as a ham, I know a few who lost their liicense for transmitting on
official police bands, even when it was an emergency.
The reason given for suspension was that other means of communications were
at their disposal at the time of the emergency...

TTUL - 73+ de Gary - N0ZOI @ W0DCW.#STL.MO.USA.NA
raiar@inlink.com

2373. KE4KVQ de AC4RD

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 01:40:12 UTC
From: kuzen001@acpub.duke.edu
Message-ID: <3ijdds$7o8@news.duke.edu>
Source record: 251772

Hi, Bob! I haven't been able to get you via Fidonet
or the .64 repeater--so I'm wasting bandwidth (apologies
to the group) in hopes of raising you here.

I wanted to tell you that you were REAL right about all-grain;
I made the switch a few months ago and will not go back to extract.

If you see this, drop me a note at the address below; I could
use a bit of advice about my lautering setup.
73!
--Ken


```
_________________________________________________
| Ken Kuzenski kuzen001@acpub.duke.edu |
| or on Fidonet at 1:3641/1.1 AC4RD |
_________________________________________________|
| My employers don't care that I HAVE opinions, |
| much less endorse them. My words are my own. |
|_________________________________________________|
```

2374. postscript grid locator map?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 01:46:54 UTC
From: kenb@qatrix.lonestar.org
Message-ID: <1995Feb24.014654.11110@qatrix.lonestar.org>
Source record: 251773

i'm looking for something i can use to print out a grid locator map similar
to what the arrl publishes. has anyone done one in postscript? perhaps
there is something else?

thanks & 73,

ken brookner, n5lpi
kenb@metronet.com
kenb@qatrix.lonestar.org

2375. Re: Where are VI0ANT and ZK1VTK ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 02:29:08 UTC
From: dave@eram.esi.com.au
Message-ID: <3ijg9k$1ch@eram.esi.com.au>
Source record: 251774

In article <9502221040.ZM16039@salcius2>,
Wayne_Estes@csg.mot.com (Wayne_Estes) writes:

| What's the location of VI0ANT? (Island or Lat/Lon?)

Antarctica (VK0 - you know, that little island over the South Pole :-)
The "VI" prefix is a special Aussie one.

| Does anyone know the QSL route?

VK4EET (Eddie - the operator himself) or Mina VK4BMD (XYL).

| What's the exact location of ZK1VTK ? "North Cook" is a pretty big area.

Penrhyn Atoll.

| QSL manager VK4EET is not in my callbook. Does anyone know the address?

Not off-hand - the Callbook is at home and I'm not.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2376. Dumb terminal programs for Packet

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 02:43:24 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9502232042.ZM15278@SALCIUS2>
Source record: 251775

I'm using a KamPlus with the "Terminal" program which is built into Microsoft Windows. I'm able to connect to my local Packet Cluster and everything works fine. But as soon as I click on any other window on my computer, I am disconnected from the Packet Cluster.

Is there a setting on the Terminal program that allows me to do other things with my computer without causing a packet disconnect? Or is this a compelling reason to get some Host Mode software?

Do the multi-function logging programs such as LogWindows and PDA Logic4 have this problem? (I'm considering getting a logging program soon)

73 de Wayne Estes WD5FFH wayne@csg.mot.com

2377. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 03:16:01 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3ijj1i$i38@portal.gmu.edu>
Source record: 251777

michael silva (mjsilva@ix.netcom.com) wrote:
: In <3iikp2$r3f@portal.gmu.edu> smasters@bzy.gmu.edu (Shawn C. Masters)
: writes:
: Well, Shawn, I guess I just don't understand the rules of this game.
: First you bring up efficiency by saying OOK is not as efficient as some
: FSK modes, then you toss it off with a joke about basements full of
: batteries. Did I take you too seriously the first time?

No, the thread was different. People were implying that CW is a
skill needed by all HAMs due to natural/unnatural disaster. The battery
reference was just to put it place with an added :-). My fault was not
talk about effeciency in terms of cutting through noise, not power overall.

: Re your other posting about the 6811-based system, the skills you applied
: in creating that system are clearly of greater value and application to
: current radio practice than CW knowledge, but, even though you find it
: like rolling off a log, what you did was *not* simple. Converting human
: input to machine data, and reconverting back to human output, is a
: considerable task (of which a Baycom modem is only one element). Many
: people talk of digital modes as simple when what they really mean is that
: it was easy to buy all of the pieces. That's a valid criterion for
: consumers of technology, but amateur radio is supposed to be more than
: that.

I implied the Baycom on the FSK side. The human interface difficulty
varies with interface. A VT100 on a serial port obviously is easier then
a brain wave analyzer. Keypads are easy to implement, in fact it's a test
question on the local microcontroller's exam. As for an entire system, a
complete modem/terminal for radio work is a routine undergraduate project.
The only parts they buy are a raw microcontroller, modulator(XR2206 like),
demodulator(any number of parts or collections), and random glue parts.

73,
Shawn
KE4GHS

2378. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 03:17:23 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3ijj43$6q9@ixnews2.ix.netcom.com>
Source record: 251678

In <D4HDzF.9L4@sunqbc.risq.net> lafont02@news.risq.net (Don Lafontaine) writes:
>
>This discussion (no code) will not end until 7 years AFTER it's removed
>as a requirement.

I think we've found an optimist!

Mike, KK6GM

2379. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 03:20:24 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3ijj9o$6sc@ixnews2.ix.netcom.com>
Source record: 251679

In <3ijc4u$afr@ncar.ucar.edu> elmore@rap.ucar.edu (Kim Elmore) writes:

>
> Isn't it interesting that all the things said about DSP methods as
>they relate to CW are equally applicable (if not *more* applicable) to...
>voice modes. By precisely the same arguments, SSB (or any analog audio
>mode, for that matter) is as ineffective a communication medium as is CW!
>Mind you, by "ineffective" I refer to bandwidth vs. data rate and power
>required...
>
And these techniques are surprisingly old, too (sometimes given as
evidence of obsoleteness). Bell Labs was doing SSB in 1918.

Mike, KK6GM

2380. Re: OM on Internet presence

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 03:58:48 UTC
From: dmunroe@vcd.hp.com
Message-ID: <D4HKE1.MvF@vcd.hp.com>
Source record: 251680

Gianluca Mazzini wrote:

>I am very interesting to known how many OM can access to
>Internet at this time. Maybe that someone has built some
>robots in order to monitorize Internet for this scope or
>that exist some list. Can you help me or have you some idea
>to solve this problem ??

Are you asking for information about how many people read internet newsgroups?

That information is collected automatically and posted to news.lists on a
periodic basis. You may want to check that newsgroup at your site.

Regards,

-Dave

,--.
| / |
| Dave Munroe / Hewlett-Packard |
| dmunroe@vcd.hp.com / Vancouver, Washington |
| / |
`--'

2381. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 04:52:21 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3ijom5$qs5@mozo.cc.purdue.edu>
Source record: 251681

In article <D4Gr37.57v@news.hawaii.edu>, <jeffrey@math.hawaii.edu> wrote:
>mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>
>><jeffrey@math.hawaii.edu> wrote:
>
>>>The CW language used around the world is the above mentioned
>>>prosigns and Q-sigs; with them, there are no barriers between
>>>hams having different spoken languages.
>
[snip]
>>Prosigns and Q-signals reduce language barriers - it does not and
>>cannot eliminate them.
>
>The content of any particular QSO was not part of the original
>discussion. If you and I met up on the bands I doubt if we
>could have a meaningful coversation regarding the beautiful
>proof and applications of the Fundamental Theorem of Galois
>Theory, even though we are both native speakers of American
>English. Thus, language barriers with regard to content can
>exist even between speakers of the same language. Regardless, those
>who don't share identical tongues are still able to communicate
>via the CW prosigns and Q-sigs.

Yes, of course, if one (or both) of us is ignorant on a particular
subject, we'll have trouble conversing coherently about it, even if we
both know English.

However, if you know only English and I know only German, we'll have
serious difficulty conversing about subjects we *both* know about that
are not covered by Q signals and prosigns.

I took issue with the statement "there are no barriers between hams
having different spoken languages". That is false. In the above
example, I could not talk coherently with you about my job, even with
Q signals and prosigns. That is a language barrier not overcome by
the use of Morse. We could communicate, to the extremely limited
utility of our common understanding of Q-signals and prosigns.

This limited communication could be important in an emergency.
But is it important enough to justify requiring Morse code proficiency
for every amateur who wants to use the HF bands? Shoot, maybe I
should be required to decode RTTY by ear in case someone sends an SOS
by teletype. Morse will continue to have its place, just as RTTY
continues in the face of AMTOR. If it is truly a superior method of
communication, amateurs will flock to it regardless of requirements.

Those that don't cotton to it will stay in the voice bands, as out of the way of Morse ops as those on the VHF bands.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2382. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 05:20:14 UTC
From: SCOTT DOUGLAS <sdoug@delphi.com>
Message-ID: <hIz6Mfu.sdoug@delphi.com>
Source record: 251682

I don't buy the arguement that no-code is turning the hambands into glorified CB. Have you heard 75 meter phone lately? I rest my case.

73 de WB5PBJ (a 20 year ham below the age of 40)

2383. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 05:30:37 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3ijqtt$olo@ixnews1.ix.netcom.com>
Source record: 251683

In <3ijj1i$i38@portal.gmu.edu> smasters@bzy.gmu.edu (Shawn C. Masters) writes:

>As for an entire system, a complete
>modem/terminal for radio work is a routine undergraduate project.
>The only parts they buy are a raw microcontroller, modulator(XR2206
>like), demodulator(any number of parts or collections),
>and random glue parts.
>
Accepted, but the ham exams *don't* assume or require undergraduate-level engineering skills, and lots of people get upset when this level of technical examination is discussed. My only point (point? Was there a point?) is that while this kind of hardware and software may seem simple to you, after years of schooling and independent hacking, it's not something the average ham can do.

Mike, KK6GM

2384. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 05:38:29 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3ijrcl$oue@ixnews1.ix.netcom.com>
Source record: 251684

In <1995Feb23.225211.8283@bogomips.ee.ubc.ca>
jmorriso@bogomips.ee.ubc.ca (John Paul Morrison) writes:

>
>In article <3ig4em$3v8@usenet.ucs.indiana.edu>,

>Look at it this way: what do you suppose is used to communicate with
>Voyager and other probes billions of kilometers away? If CW were so
>useful, they'd be using that, but they don't.

I doubt they use 300 baud HF transmissions either, which mostly proves
that such comparisons aren't worth much since the bugdets, missions and
levels of technical competence are so totally different between the
amateur service and any other commercial, govermental or military
service.
>
Mike, KK6GM

2385. Re: kNOw Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 08:26:24 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.374.000CD18D@mail.mei.com>
Source record: 251494

In article <D4HJBA.10B@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

>There exists a particular application in which a particular mode will
>excel. Cops around town don't use CW and...

>...ships on the high seas don't use FM voice.

Well, they don't use simplex FM, but
INMARSAT works pretty good. ;-))

--
kevin.jessup@mail.mei.com I prefer encrypted Email.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

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s9KOxDRqARv5zlqGBQAFEbQuS2V2aW4gUGV0ZXIgSmVzc3VwIDxrZXZpbi5qZXNz
dXBAbWFpbC5tZWkuY29tPg==
=TpFI
-----END PGP PUBLIC KEY BLOCK-----

2386. K1MAN "hamgate"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 12:27:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6858.545@acenet.com>
Source record: 251685

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com
Subject: K1MAN "Hamgate"

I thought you guys would like to see this since KO4TA has posted some controversial messages about K1MAN lately. Here is Glenn's response.

Date: 02-19-95
From: K1MAN

DE K1MAN - FCC & ARRL CORRUPTION

HAMGATE

There is a breaking story in amateur radio known as "Hamgate", and it involves formal charges of serious criminal corruption at the FCC and ARRL. For details, listen to the IARN Amateur Radio Talk Program heard on 3.975 and 14.275 MHz. alternating daily with regular bulletins at 6 AM, 7 AM, 9 AM, 1 PM, 5 PM, 8 PM, 8:45 PM, 9:30 PM, and 10:15 PM beginning Sunday, February 19, 1995.

Formal charges of obstruction of justice and criminal violations of Section 501 of the 1934 Communications Act have been filed against the FCC and ARRL with Jay P. McCloskey, U.S. Attorney in Bangor, Maine. Also involved is Georgia and other southern radio amateurs who have been charged with criminal violations of Section 333. It has been reported that the ARRL Board of Directors met a few days ago with regard to this and directly following the meeting ARRL President, George Wilson, W4OYI, also an attorney, had a stroke and has been hospitalized. Details will be discussed on the upcoming talk program.

Meanwhile, southern amateurs have been spreading misinformation about K1MAN, and the record needs to be set straight on these reports, some quite amusing:

1. K1MAN has in excess of $100,000 in unpaid FCC "fines." This is false, although it is flattering to be considered to be this important.

2. K1MAN uses a commercial transmitter costing one or two hundred thousand dollars. False! I run 1.2 gigaWatts with a home brew rig using several flux capacitors and plutonium to give it some more "kick." Just kidding; I run a Collins 32S-3 and home brew PL-172 on 20 and a KWM-2/30L-1 on 80. The AM bulletins are from a Collins KW-1 with reduced high voltage. Not used is a Collins 30S-1 and BTI 3-1000.......my monthly electric bill for the bulletin service alone

is already high enough at $115 per month!!!!!!!!!!!!!!!!!!!!!!!!!!!!

3. K1MAN has no interest in emergency communications. False! This is like saying that the Pope is not Catholic.

4. K1MAN is an egotist. True, but KO4TA's talk show last Sunday with special guest Fred Maia, W5YI, spent the first hour talking about vanity call signs and the second hour talking about K1MAN. Vanity call signs? Give me a break....and I am supposed to be the one and only egotist in the history of amateur radio?

5. The IARN programming last Sunday was two weeks old. False! It was all produced that same day..."Hours ahead when minutes count."

6. The FCC is going to prosecute the five year old $3,400 in "fines" against K1MAN very soon (according to W5YI) and that the justice system in this country is "very slow." False! Details on the next talk program.

7. K1MAN gets paid a salary from the IARN Amateur Radio Peace Corps Foundation, Inc., and it is all tax free. False. (I get paid in taxable ten pound gold bars, and the tax is also paid in gold bars which the IRS cannot cash in; they just pile them up at Fort Knox..... just kidding, of course.) Seriously, I don't get paid a dime.

8. K1MAN bulletins intentionally "drift" to cause wilfull interference. False! I replaced the 6AU6 vfo tube in the 80 meter KWM-2 and it did make a world of difference. (Try that repair technique the next time your "rice box" acts up!).

9. We didn't pay our hotel bill in Moscow when we were there during the Armenian earthquake activation. False! Actually, the KGB got our guys into the Soviet Union without marking anybody's passport, paid all the bills, and the hotel rooms in Moscow were always the same ones (complete with a telephone tap and tape recorder, we speculated) with telltale "clicks" during our long distance calls as Ivan connected his Radio Shack alligator clips imported from the USA.

10. K1MAN is opposed to live space shuttle transmissions on amateur radio. False!

11. Georgia bought K1MAN a plane ticket to come to the Atlanta ham fest. False. I bought a non-refundable ticket from Delta and then the Georgians disinvited me, and I had to embarrass them into sending me a check to reimburse my loss that they wrongly caused.

12. K1MAN has used the name of John Gree Listen to this week's talk program.

13. K1MAN is wealthy. False. My retirement plan (annuities and mutual funds) are still quite underfunded. No mortgages or plastic, however. Just a car payment on one of the vehicles. You guys should all be maxing out your IRAs, Keoghs, 401Ks, etc. This is my professional advice to you.

On that note I will end this editorial. See you all on the bulletins and the talk program (which is retransmitted daily throughout the week. 73

Glenn, K1MAN

You are cordially invited to listen to our live "call in" amateur radio talk program every Sunday night at 8 through 8:45 PM Eastern. We take telephone calls live at 207 495 2215. You can also FAX questions or comments to 207 495 2069 or use Packet Radio: K1MAN@K1RQG.ME.USA.NA This information bulletin talk program is simulcast live on 3.975 and 14.275 MHz. and is re- transmitted during the week by alternating with our regular bulletins. During the evening program between 8 and 11 P.M. the bulletins and talk program are each transmitted twice for a continuous 3 hour program for your information and amateur radio enjoyment.

For more info send an SASE to IARN, Belgrade Lakes, Maine 04918. If you would like to be a special guest on the talk program, call (207) 495-2215, and we will make the appropriate arrangements.

73
Glenn Baxter, K1MAN
Chris Murdock, WA1HOD

 SLMR 2.1a Practice DELIBERATE kindness and unselfish acts of love!

2387. Returned mail: "Service"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 12:28:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.6859.545@acenet.com>
Source record: 251686

Newsgroups: rec.radio.amateur.misc

MDS>message)
MDS>better European films which can compete with Hollywood.

MDS>NORWEGIAN QUOTAS--Norway is not a member of the European Union, and it look

MDS>country. Supporters of the ban say satellite dishes are the spearhead of a
MDS>"Western cultural invasion". Opponents say the government should first supp
MDS>alternative entertainment. (IRNA via BBC Monitoring and Reuters)

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P-L-E-A-S-E!!! STOP SPAMMING THIS NEWSGROUP !!!!!!!!!!!!!!!!!!!!!!!!

YOU ARE BECOMING A NUISANCE! STOP IT NOW!!

 SLMR 2.1a Adopt BABIES, not manatees!

2388. W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 12:35:22 UTC
From: mellis@pica.army.mil
Message-ID: <D4I8Az.11t@pica.army.mil>
Source record: 251687

I've come to the conclusion that W is the worst letter
to have in a callsign. It's the only one that has a longer
pronunciation (double U, three syllables) than its
phonetic (Whiskey, 2 syllables).

No other letter has that "distinction". In fact, it's the ONLY
letter that requires more than one syllable.

I wonder if there's a correlation between the number of W's
in a call and the interval to upgrade to get another call :-)

73, N2WZB (sigh)

Mark E. Ellis N2WZB Systems Administrator
PA&TD Software Quality Engineering Branch
<mellis@ramcad.pica.army.mil> AMSTA-AR-QAT-A, Bldg 62N, Picatinny Arsenal, NJ
---
http://ramcad.pica.army.mil/people/mellis.html

2389. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 12:43:09 UTC
From: wyn@ornl.gov
Message-ID: <wyn.278.2F4DD45D@ornl.gov>
Source record: 251688

In article <3ikiu2$nu5@ra.nrl.navy.mil> drumhell@claudette.nrl.navy.mil (David Drumheller) writes:

>In article <hIz6Mfu.sdoug@delphi.com> SCOTT DOUGLAS <sdoug@delphi.com>
>writes:
>>
>> I don't buy the arguement that no-code is turning the hambands into
>> glorified CB. Have you heard 75 meter phone lately? I rest my case.
>>

> Hey, he's right. I've heard more vacuous conversations on 75 meters
>than anywhere on the VHF bands. 75 meters suffers from a lack of
>diversity, too. Most of the people on 75 meters seem to be elderly men,
>whereas I've heard more women, children, and teenagers on 2 meters.

> I think the no-code tech was a good idea. It got my brother and
>sister-in-law into the hobby, and they've taken to it with more enthusiasm
>than I originally predicted. My sister-in-law wants to upgrade, and is
>(slowly) leaning Morse code.

>-Dave

Hey fellows, how about taking this 75 meter SSB phone war, SSB good/, SSB bad crap over to r.r.a.p. where it belongs? Let's keep the thread on the subject here, Code good/Code bad, blah, blah.

73,
C. C. (Clay) Wynn, N4AOX
registered agent of Amateur Radio Nitwittery Investigations (A.R.N.I.)
==========
= ...- .. ...- .- - . .-.. . --. .-. .- .--. .... -.-- =
==========

2390. Digest of Articles - QST Jan 95 (Long - 49k)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 13:44:20 UTC
From: wvanho@infinet.com
Message-ID: <3iknrk$4mf@horus.infinet.com>
Source record: 251689
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

DIGEST OF ARTICLES - QST January, 1995

Following are digests of articles printed in the January, 1995 issue of QST. Such digests are being prepared for each issue of QST, and posted periodically.

It is hoped that other hams will volunteer to post similar digests of the other ham technical publications such as QEX, CQ, 73, COMMUNICATIONS QUARTERLY, RTTY JOURNAL, et al. Especially desirable would be digests of publications in other countries, such as the RSGB RADIO COMMUNICATIONS and ham magazines in Europe, Japan, Australia, and other countries around the world. We English speakers would especially enjoy them if they were translated into our language, but they would also be valuable additions to the world's knowledge if they were posted in the language of origin. Who knows? Some bi-lingual ham somewhere might translate them into English and re-post them.

Worldwide communications are getting better and better. The time has come to make the world's ham press available to all hams throughout the world!

The major value of digests is to give readers sufficient information to decide whether to obtain a copy of the full text. If any U.S. reader wants a copy of an article in QST, please inquire of other hams in your own neighborhood. Many have collections of back issues. Anyone who is unsuccessful in finding a fellow ham with a collection should try every library in the area, especially those at universities and technical colleges. If all else fails, a copy can be obtained from the ARRL Technical Department, 225 Main St., Newington, CT 06111-1494 USA for a fee of $3.00 per copy. Remember, it is both cheaper and quicker to obtain one locally.

Readers in most other countries can obtain copies from their own national ham organizations, sometimes translated into their own languages.

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TECHNICAL ARTICLES (TA)

Title>TA1:The WB2 "REMote" Link
Author>Millner, James - WB2REM
Source>QST Jan 95, pp. 29-34
Abstract>Construction of a remote operating system that will control a
Kenwood TS-440 at a distant site, using control signals on 222- or

440-MHz. and received audio on 2-meters. No computer is necessary.

Digest>WB2REM developed and built a remote operation control system some 15 years ago. With it, he operates his Kenwood TS-440 at a remote location by sending control signals and audio to and from his operating position via VHF/UHF radio. The system does NOT require a computer at either end of the link. It needs only a controller interface that can be built for a total cost of less than $150, using readily available parts.

The overall system does require an HF transceiver similar to the TS-440 that is equipped for remote control. In addition, the operating site requires a UHF transmitter (uplink) and a VHF receiver (downlink). FCC regulations require control signals to be transmitted above 222.25 MHz., so either 222- or 440-MHz. can be used for the uplink, and 144-MHz. is convenient for the downlink. The remote station requires a UHF/VHF duplex transceiver equipped with fast diode T/R switching. The author uses a dual-band HT for the control end of the link, and actually works DX while operating mobile on his bicycle! His UHF and VHF signals pass through a repeater as he pedals around the town.

The HF rig is tuned across the band using the UP/DOWN scan controls of the TS-440. There must be a means of verifying the frequency on which the transceiver is operating, and also the remote transmitter must identify itself every ten minutes. WB2REM uses a voice-board accessory available from Kenwood which, on demand, announces the operating frequency in words. Identification can be conveniently done with an automatic CW identifier, such as the one described by Bunn: "A CW `Stamp' Identifier" in QST Oct 94.

Included with the article is a complete wiring diagram and parts list. PC-boards for duplicating the system are available from the author for the price of $16.50, including domestic shipping.

Title>TA2:Putting Your Uniden HR-2510 on VHF and UHF
Author>Fagas, Chris - WB2VVV
Source>QST Jan 95, pp. 35-38
Abstract>Describes simple modifications to adapt the Uniden HR-2510 10-meter transceiver for use with a transverter to transmit and receive on VHF, UHF or Microwave bands.

Digest>As amateur activity spreads to more and more UHF and Microwave bands, many hams find that the most convenient and affordable means of joining the activity on a new band is to use a transverter. This converts the output of an HF transceiver to the higher band and the received signal down to the HF band.

For use at the home QTH, the transverters are usually used in conjunction with the station HF rig. But in many cases, it is more convenient to have a small and more portable transceiver dedicated to working with the transverters. The Uniden HR-2510 is a single-band

transceiver designed for use on 10-meters. It is effective and relatively inexpensive, so WB2VVV made some simple modifications to the rig to optimize its performance with transverters.

The first modification provides adjustable control of the output power so as not to over-drive the transverter. A fixed resistor in the driver stage ahead of the final amplifier is replaced with an adjustable pot.

Next, a separate connection for receiver input is provided, bypassing the built-in transmitter low-pass filter and T/R switch. To provide for remote transmit/receive switching, a transistor-activated relay is added inside the cabinet.

Finally, Mr. Fagas devised a way to reprogram the microprocessor so as to allow the transceiver to transmit and receive over a 4.0-MHz. band from 26- to 30-MHz. He does not provide the details for doing this in the article for fear that it might be misused by non-amateurs. Instead, he offers to provide the details to any amateur upon receipt of a SASE including a copy of the writer's amateur radio license.

In a side bar with the article, Zack Lau - KH6CP/1 of the ARRL Laboratory staff, reports that the HR-2510 tested in their laboratory showed spurious signal transmissions too high by at least 14-dB. to allow it to drive a transverter directly. He provides the schematic for a filter that will reduce these spurs by some 30-dB., thereby eliminating the problem.

With these simple modifications, the HR-2510 becomes an excellent transceiver for this use.

Title>TA3:A Look at NVIS Techniques
Author>Farmer, Ed - AA6ZM
Source>QST Jan 95, pp. 39-42
Abstract>Obtaining blanket coverage of a limited geographic area through the use of near vertical incidence skywave (NVIS) techniques.

Digest>Although much ham attention is directed toward working DX, some activities depend upon reliable communication over a relatively limited distance. Examples are emergency operations and traffic nets. Such solid regional coverage, without gaps, is provided by "near-vertical-incidence-skywave" (NVIS) techniques.

The essence of such operation is to operate on a frequency low enough that radio energy directed vertically upward will reflect from the ionosphere, then use an antenna that directs most of the energy upward.

The highest frequency at which a wave aimed straight up returns to earth is called the critical frequency. For blanket coverage by skywave propagation, it is necessary to transmit below that frequency, but not so low that excessive loss of signal occurs due to atmospheric absorption. The critical frequency can be calculated by computer programs like MINIPROP.

Depending upon the time of day, time of year, and the state of solar activity, this usually dictates a choice of 40-, 80-, or 160-meters. Optimum antenna installations include horizontal dipoles or inverted-vees at heights from 0.1- to 0.3-wavelengths.

For operating on 160-meters, even 0.1-wavelength height represents relatively high towers. An alternative useful in some instances is a miniature loop antenna mounted in a vertical plane close to the ground.

Title>TA4:Getting the Most Out of Your T-Network Antenna Tuner
Author>Griffith, Andrew S. - W4ULD
Source>QST Jan 95, pp. 44-47
Abstract>Describes T-network antenna tuners and shows how excessive power loss can result from certain combinations of antenna and frequency. Advises how to tune for optimum efficiency.

Digest>A conventional T-Network antenna tuner uses two variable capacitors connected in series and one variable inductor connected from the junction between the capacitors to ground. The center conductor of the coax is connected to the respective capacitors at the input and output; the shield is grounded. This article analyzes a typical example of such a tuner in which the two capacitors can be adjusted from 20- to 240-pF. and the inductor between 0.1- and 35-uH.

This network can successfully match resistive loads of 10- to 3,000-ohms to a 50-ohm transmitter output over the range of 160- through 15-meters. On the 10- and 12-meter bands, the impedance range narrows to about 10-to 1500-ohms because the two capacitors cannot be adjusted lower than 20-pF. When the antenna load also contains reactance, the stated matching range narrows, but very few cases will be encountered in which the antennas cannot be matched to a 50-ohm transmitter.

It should be noted that this typical T-network is a kind of high-pass filter and, as such, will not attenuate harmonics. Since modern commercial transmitters and amplifiers must meet rigid spurious-emission standards, harmonic suppression in the antenna tuner is no longer considered necessary.

A T-network can be adjusted in an infinite number of ways to make a particular impedance transformation; therefore, any one of the three components can be made fixed and the other two adjusted. If a tapped coil is used for the inductor, it must be treated as the fixed element and the capacitors adjusted to match. But if the inductor is the roller type, a different method of tuning can be used.

Although a wide variety of different settings can perform the impedance transformation, the power efficiency will vary accordingly. The amount of power lost can, in certain circumstances, become a severe limitation. The article contains graphs relating loss vs. load resistance. They show that the loss rises as the load resistance is reduced. They also show that losses tend to rise exponentially as the frequency becomes lower. On 160-meters, losses of as much as 20-percent of input power

can be expected using the components as indicated in this example.

In general, it can be said that the larger the output capacitor becomes, the lower the loss. Also, the higher the antenna resistance, the lower the loss in the tuner. For use on the lowest frequency bands, an output capacitor of 1000-pF., or greater, is advisable. Also, if a balun is used after the tuner, in order to feed the antenna via an open-wire line, use a 1:1 balun instead of 4:1.

In spite of all the measures that can be taken to maximize the efficiency of the tuner, on 160-meters it may not be possible to lower the loss below 0.2- or 0.3-dB. Even that small loss represents 5-percent, or more, power dissipation in the tuner itself. To avoid destructive heating of the components, it may be necessary to reduce the output power.

The author describes the proper methods of tuning roller-inductor- and tapped-inductors-tuners, as follows. For roller inductors that can be finely adjusted, first set the output capacitor to maximum and the input capacitor to half scale. Adjust the inductor for a dip in the indicated SWR, which may initially be barely detectable. Slightly increase or decrease the input capacitance and readjust the inductor for a dip.

If the new SWR reading is lower than it was initially, continue adjusting the capacitor in the same direction, readjusting the inductor to minimum SWR with each change, until reaching the point where further adjustments make no further improvement. If instead of initially going down, the SWR goes up with the incremental adjustment, reverse direction of the capacitor moves. If the minimum SWR that can be attained is greater than 1:1, make a slight reduction of the output capacitor, and repeat the previous steps. Optimum adjustment is reached when any change causes the SWR to rise.

For tapped-inductor tuners, start by setting both capacitors to mid-scale, select an inductance switch position and rotate the output capacitor through its range to seek a dip in the SWR indication. If no dip is apparent, set the inductance switch to another position, and repeat. When a dip appears, adjust the input capacitor for minimum SWR.

Make a slight adjustment in the output capacitor, one direction or the other, then re-dip by adjusting the input capacitor. If that drops the SWR, continue in the same direction; otherwise, reverse the direction of adjustment.

In some cases, an SWR dip can be obtained with different inductance settings. Choose the setting that allows the use of the largest value of output capacitance.

PRODUCT REVIEW (PR)
Conductor: Mark Wilson - AA2Z
Editor, QST

Title>PR1:QST Compares: 2-Meter FM Mobile Transceivers
Author>Ford, Steve - WB8IMY
Source>QST Jan 95, pp. 70-76
Abstract>Review of 8 2-meter transceivers designed for mobile use. Included are radios from Alinco, Azden, ICom, Kenwood, Standard, and Yaesu.

Digest>This review covers 8 currently-available transceivers especially designed for mobile use. They are:

Alinco DR-130T
Azden PCS-7000H
ICom IC-281H
Kenwood TM-241A
Kenwood TM-251A
Standard C-1208DA
Yaesu FT-2200
Yaesu FT-2500M

All of these are very small packages designed for mounting in, or under, the dashboard of a vehicle and many, if not all, of the controls are on the microphone. All units reviewed offer output power of 50-watts, switchable in 2 or 3 steps down to as low as 3- to 10-watts. All offer CTCSS encoders as standard equipment, and CTCSS decoders as optional equipment, except for the Standard C-1208DA which makes it standard. All offer memory channels and scanning.

Alinco DR-130T

The DR-130T is the simplest and easiest to operate of the units reviewed. It omits some of the "bells and whistles" that other units include, but concentrates on those features most often used. It also has the lowest selling price, $309, of all those reviewed.

The unit offers either 5- or 50-watt output operation. Some reviewers found that it became quite warm during 50-watt operation, but this should not be a problem if special attention is given to assuring sufficient air circulation across the rear-mounted heat sink.

The unit actually tunes over the frequency range of 136- to 174-MHz. This includes part of the aviation band, but since it is sensitive only to FM and aviation traffic is AM, this is of little use.

Reviewers comments were uniformly favorable except for complaints about the manual, which is considered inadequate.

Azden PCS-7000H

The PCS-7000H is the only radio in the group that offers a 2-year warranty. Its ample heat sink allows it to run cool, even during long conversations at the 50-watt level.

Receiver coverage extends all the way from 118- to 174-MHz., thus including the aviation band from 118- to 136-MHz. When the receiver is tuned to that band, it automatically switches to AM reception.

The "street price" is $335.

ICom IC-281H

The IC-281H is not only a 2-meter FM transceiver, it is also a 70-cm. receiver. This means that it can be used as one end of a full-duplex cross-band operation if the other station can simultaneously transmit on 70-cm. and receive on 2-meters.

Unfortunately, the low end of the 70-cm. reception is 440-MHz. That means that the satellite sub-band is out of reach. Otherwise, it could be used to operate packet at 9600-bits/s to work Oscars 22, 23, or 25 on packet as well as Oscar 27 on FM voice.

The reviewers discovered that the radio can be modified to extend the receiver coverage down to 430-MHz. and also to extend the 2-meter coverage to 118-MHz. However, it requires very extensive modification, including disassembly and unsoldering a surface-mount component, a function that most hams would hesitate to undertake.

Kenwood TM-241A

The TM-241A provides complete receiver coverage from 118- to 174-MHz. and both AM and FM operation, so can be used to monitor the entire aviation band when not operating on the ham band. Transmitter power can be switched to 5-, 10-, or 50-watts.

The reviewers unanimously praised overall performance and found the multifunction microphone especially well designed for mobile operation.

A late development is that the TM-241A has been accepted for military use (i.e. MIL-SPEC) rated. This means that it meets the severe endurance requirements set by the military.

Typical selling price is $335.

Kenwood TM-251A

This transceiver is loaded with "bells and whistles"; some reviewers feel too many. Most required several days to learn all of the various features, the selection of which requires figuring out the multiple functions on each control button.

One unusual feature is a built-in recorder that will digitize and record 16-seconds of incoming audio.

This unit is not only a 2-meter transceiver, it also is a full-band receiver on 70-cm. This allows full-duplex crossband links if the other station has a 70-cm. transceiver with 2-meter receive capacity, such as the Kenwood TM-451A.

The broad bandwidth for 70-cm. reception makes it easy to operate packet up to 9600-bits/s and work the Oscars 22, 23 and 25, which transmit between 435- and 437-MHz. while listening on 2-meters. The rig provides a 6-pin mini-DIN jack to connect to a packet TNC.

The average selling price of the TM-251A is $399.

Standard C-1208DA

The C-1208DA has all controls on the microphone so that the rig can be mounted under the seat of a vehicle, or otherwise hidden from view. When leaving the vehicle, users can take the microphones with them. The downside is that the buttons are necessarily tiny and reviewers found it somewhat awkward to operate. The digital display is difficult to read in sunlight; it is necessary to hold it at a particular angle.

Of all the radios tested, this has the widest receiver coverage. It tunes from 100- to 200-MHz., 250- to 520-MHz., and 800- to 1000-MHz.! It can be used, as is, to work Oscar 27 satellite on FM voice (2-meters uplink, 70-cm. downlink). It also has 9600-bit/s packet ability, so could be used with Oscars 22, 23, and 25.

Street purchase price is $430.

Yaesu FT-2200

The FT-2200 provides DTMF paging and also CTCSS encoding. It comes with a detailed, well-written manual and reviewers found it easy to use. The one criticism concerns a multi-function key which must be pressed and held for a varying amount of time, depending upon what function is desired. If the button is held too long, the operation that it activates is the wrong one!

Receiver coverage extends from 110- to 180-MHz. and automatically switches to AM when tuning the aviation band. Although the unit could be used as a packet transceiver, it does not have a separate TNC jack nor does it support 9600-bits/s packet.

Purchase price is $370.

Yaesu FT-2500M

The FT-2500M is exceptionally rugged. In fact, it was the first radio in this group to be accepted under MIL-SPEC rating for use by the military. The front panel is very well designed with only essential controls visible. Less-used controls are behind a drop-down panel. The accompanying manual received uniform praise from reviewers as uniquely straightforward and reader-friendly.

The FT-2500M works well on 1200-bit/s packet. With an internal modification, it can be made to operate at 9600-bits/s, but the modification should only be attempted by those experienced in working with surface-mount components.

Purchase price is $350.

Title>PR2:GAP Challenger DX-VIII Vertical Antenna
Author>Kennamer, Bill - K5FUV
Source>QST Jan 95, pp. 76-77

Abstract>Description and operating test results with the Gap Challenger. An attempt is made to analyze the principles of operation, without much success.

Digest>One of the more interesting antennas to be introduced in the last several years has been the GAP Challenger DX-VIII. It is a vertical designed for ground mounting, with an overall height of approximately 32-feet (9.75-m.). It is made of aluminum tubing. In the center, the tubing is cut in two pieces and an insulator is inserted, forming a gap between the two. It is this that forms the name of the company.

When it is erected, the manufacturer recommends that three 25-foot (7.6-meter) long radial wires be attached to the bottom of the antenna tubing.

GAP recommends that the coax feedline be at least 65-feet long (20-meters). Using its single feedline, it resonates on all bands in the LF, HF and VHF parts of the amateur radio spectrum except for the 30- and 17-meter bands.

On 80-meters, the manufacturer claims an operating bandwidth of 130-KHz. between 2:1 SWR points. The customer must specify in which portion of that band the resonant frequency should be. On all other bands, the SWR is rated better than 2:1 over the entire width.

A 3-foot (1-m.) long piece of plastic pipe is supplied with the antenna to be used as a base. The antenna, itself, is shipped disassembled. Included is a very thorough manual. The reviewer found that it is easy to assemble in 1-1/2 hours, or less, using the supplied nut-driver as the only tool.

The manufacturer has not published a theoretical analysis of the operation of the DX-VIII, but it is clearly "a vertical monopole with elevated feed", as described by Belrose in Technical Correspondence in this issue of QST. A side-bar with the Product Review contains a summary of an article from the December, 1991 issue of RADIO COMMUNICATION (published by the Radio Society of Great Britain), by Peter Hart, G3SJX which partially analyzes its operation, as follows.

The coax feedline leads through a hole in the outer wall at the lower end of the antenna, making no connection to the tubing at that point. It extends upward, through the gap, to the top of the antenna where it is terminated by a large value capacitor connected between the center conductor and the shield of the cable. The shield is also connected to the top of the antenna tubing. At the gap insulator, the outer shield of the cable is cut without damaging either the inner conductor or the dielectric. The shield on the lower part of the cable is attached to the lower piece of the tubing.

In addition, three stubs are shunted across the gap. They are made of pieces of small diameter tubing spaced away from the main antenna tubing with spacers of various lengths. One of the stubs extends upward from the gap, the other two downward.

The series stub formed by the coax inside the upper portion of the tubing is 1/4-wavelength long on 80-meters. It converts the large value of the end capacitor to inductive reactance which then acts as end-loading to resonate the upper portion as an 80-meter monopole. On other bands, it and the other stubs work in ways that are "not clear" to G3SJX, to resonate the antenna.

The reviewer had available, for comparitive tests, dipoles for 10-, 15- and 20-meters at heights between 20- and 30-feet (6- to 9-m.), an old Electrospace HV-3 vertical with 8 30-foot (9-m.) radials, and also a Cushcraft R-7 multiband vertical. The HV-3 is 31-feet (9.5-m.) high and operates as a top-loaded shortened monopole on 80-meters, a full-size quarter-wave on 40-meters, and a 5/8-wave on 20-meters.

On 80-meters, the operating bandwidth was found to be appreciably wider than specified: the antenna resonated at 3850-KHz. and showed SWR 1.6:1 at 3950, 1.4:1 at 3750. With comparative tests, the reviewer found the signal strength using the GAP to be about 2 S-units poorer than the old HV-3. On 40-meters, the GAP performed equally with the HV-3 and outperformed the R-7 by about 1 S-unit. On 20-meters, the HV-3 and the horizontal dipole both gave signals about 1 S-unit better than the GAP. On 20-meters, the GAP and the R-7 delivered about equal performance, 1 S-unit below that of the HV-3 and the dipole.

On 15-meters, the GAP and the R-7 were equal, more than 2 S-units poorer then the dipole at 30-foot (9-m.) height. On 12-meters, the horizontal dipole was 2 S-units better and the R-7 about 1 S-unit better than the GAP. On 10-meters, performance of the GAP was much poorer than any of the other antennas.

The reviewer did not try the GAP on 6-meters, but did on 2-meters. On that band, contacts were made but no comparison antenna was available. He was surprised to find that he could successfully operate the GAP on 30-meters by using an antenna tuner, although the manufacturer does not rate it for use on that band.

In summary, the reviewer feels that the GAP antenna does an effective job on all bands where it is active, with the possible exception of 10-meters.

Title>PR3:Free Software
Author>Anonymous
Source>QST Jan 95, p. 47
Abstract>Software, free for the asking, makes many calculations of interest to hams.

Digest>(This is a short "New Products" announcement, not a full Product Review, but it deserves inclusion in this Digest).

George "Murph" Murphy - VE3ERP, has released a new version of HAMCALC software, which is a collection of computer programs of value to anyone who experiments and designs in radio. Best of all, it is free for the asking; one can download it from the ARRL BBS at (203) 666-0578, or via

Internet.

The list of functions that can be performed by the various programs is enormous. It includes such items as design of air-core inductors, filters, antenna traps, attenuator pads, parabolic antennas, regulated power supplies, series and parallel components, telescoping aluminum tubing, great-circle paths, impedance-matching networks, transmission-line losses, sag in wire antennas, and on, and on, ...

The programs are all user-friendly and menu-driven. On-screen instructions are included for most functions.

The entire package can be downloaded from the ARRL telephone Bulletin Board at (203) 666-0578, or via Internet, by ftp from a number of sources including oak.oakland.edu. For those without modem access via telephone, the author will provide the programs by mail. Contact him at the following address:

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TECHNICAL CORRESPONDENCE (TC)
Conductor: Paul Pagel - N1FB
Associate Tech. Editor

Title>TC1:A Vertical Monopole With Elevated Feed - A Full-Length Radiator
Author>Belrose, John S. (Jack) - VE2CV
Source>QST Jan 95, pp. 78-79
Abstract>When a vertical monopole is fed at a point 1/3 of the way up its height, it emits low-angle radiation over a much wider range of bands than one fed at the base. This article describes the details.

Digest>Mr. Belrose, an ARRL Technical Advisor, makes the point that a grounded vertical antenna with an elevated feed makes a better multi-band DX antenna than does one of the same height with base feed. A drawing accompanying the letter illustrates what is meant by an elevated feed. It shows a typical amateur tower of height "H" which is broken into two pieces, insulated from each other, at a point 1/3 of the way up from the bottom.

A 50-ohm coax feedline runs to the base of the tower where it passes through a 4:1 transmission-line unbalanced-to-unbalanced transformer. The ground side of the transformer output is attached to the base of the tower, as also are at least 3 radials cut to a quarter wavelength for each band to be utilized. The "hot" side goes to a 1/4-inch (6-mm.) diameter copper or aluminum tube that runs up the inside of the tower, insulated from it, through the gap between the lower 1/3 and the upper 2/3 of the tower, and is connected to the lower end of the latter. Thus

the lower section acts as a transmission line, with characteristic impedance near 200-ohms, feeding the upper 2/3 of the tower as a "thick" monopole.

The resulting antenna will give good performance over a much broader frequency range than will a ground-mounted vertical. The radiation pattern of a ground-mounted monopole shows a main lobe that concentrates most of the energy at low elevation angles when the height is less than 5/8-wavelength. When it is greater than that, however, the low-angle lobe breaks up and much of the radiation is emitted at high angles where it is largely wasted.

Elevating the feed point to approximately 1/3 of the total height prevents the breakup of the low angle lobe until the height is well over a full wavelength. Consequently, the monopole with elevated feed will deliver acceptable performance over a 5:1 frequency range (antenna electrical heights of 0.2- to 1-wavelength).

To illustrate the difference in radiation patterns between the two monopoles, vertical patterns for each were generated by computer using NEC-2 software. The antenna modeled was a tower 12-meters (40-feet) high with 4 insulated and resonant radials mounted 1-meter above average ground. The one with elevated feed was broken at the 4-meter level. Patterns were calculated for each band from 10- to 30-meters.

The 30-meter pattern (where the monopole is less than a half wavelength) shows practically no difference between the antennas. Both radiate in a main lobe at low angles. At 20-meters, the patterns show a decided difference; the ground-based antenna now shows substantial radiation above 60-degrees elevation.

For each band up to 15-meters, the elevated-fed antenna continues to show a single lobe at low angles as the ground-based one radiates more and more power in a high-angle lobe as its low-angle lobe shrinks. At 12-meters, the elevated-fed one also shows a high-angle lobe that is beginning to steal energy from the low-angle lobe. At 10-meters (where the antenna height is substantially greater than a full wavelength) the elevated-feed no longer gives much benefit. Both antennas show high-angle lobes that are at least 5-dB. stronger than the low-angle lobe.

HINTS AND KINKS (HK)
Conductor: David Newkirk - WJ1Z
Sr. Asst. Technical Editor

Title>HK1:Easier Adjustment For the 2-Band Coil-Loaded Antenna
Author>Michaels, Charles J. - W7XC
Source>QST Jan 95, p. 43
Abstract>A piece of wire, dangling from each end of a Lattin-type 2-band antenna, makes adjustments easier.

Digest>Many years ago, William J. Lattin - W4JRW, published in QST a description of how to make a dipole resonate on two adjacent bands using only loading coils near the ends of the wire. Recently, W7XC wanted to modify his 40-meter dipole to cover 80-meters, as well. He had previously learned that adjusting a Lattin-type dipole to resonance on both bands takes an annoying amount of cutting and splicing of the higher-frequency portion of the wire, since it requires adding wire to the original length, not trimming.

To make it easier to adjust, W7XC added 4-foot (1.2-m.) pieces of wire onto both ends of the 40-meter dipole and left them hanging down, not attached to the end insulator. Then he fastened a 5-foot (1.5-m.) extension wire from the original end insulator to a second insulator at each end of the antenna.

The Lattin design calls for loading coils of 100- to 120-uH. at the ends of the higher frequency dipole. The author finished by soldering each coil across the original insulator, electrically connecting the extension wire to the original dipole. Then he was able to tune the 40-meter section by simply trimming the length of the hanging wire, and tune to 80-meters by similarly pruning the extension wires.

Title>HK2:Storing Coaxial Cable
Author>Pagel, Paul - N1FB
Source>QST Jan 95, p. 43
Abstract>Store unused coaxial cable on reels obtained at the hardware store.

Digest>Long lengths of coax cable can be stored conveniently by using reels sold for holding garden hose. These are quite sturdy and often available at discounted prices of the order of $15 or $20.

Alternatively, plastic reels are sold for coiling electrical cord. These have outer diameters of about 14-inches (35-cm.) and can hold 50-, or more, feet of RG-8 cable. They sell for approximately $6.

Title>HK3:Use Red Etch-Resist Pens, Not Black
Author>Covington, Michael A. - N4TMI
Source>QST Jan 95, p. 43
Abstract>Red pens are better than black pens for etch-resist use.

Digest>Red permanent-ink markers make better resist pens than black ones. Further, the marking is nearly tranparent and it is easy to see the copper underneath to be sure it is not being etched away. Lumocolor Permanent Overhead-Projector pens are especially good for this use.

FEEDBACK (FB)

Title>FB1:"The Null Steerer Revisited", QST Jul 94
Author>Michaels, Charlie - W7XC

Source>QST Jan 95, p. 38
Abstract>Correct the schematic diagram in the original article, for greater clarity.

Digest>In Figure 1, the coaxial shield braid is shown grounded, but not with a lead directly from the cable to the No. 2 terminal on transformer T1. A short and direct connection is important, so the schematic should be modified to show a lead directly from the end of the shield nearest the transformer to the No. 2 transformer terminal.

NEW HAM COMPANION (NHC)

The New Ham Companion is a regular section of QST. It features articles of primary interest to newcomers to the hobby.

Title>NHC1:Gateways: Amateur Radio Meets the Internet
Author>Ford, Steve - WB8IMY
Source>QST Jan 95, pp. 58-59, 69
Abstract>Connect VHF/UHF packet networks in different cities through gateways to and from the Internet. TCP/IP protocol must be used.

Digest>Packet operations and bulletin boards are thriving and continuing to grow all over the country. Links between them, however, can be tenuous, so messages sent over considerable distances can be delayed, or even lost. HF packet and satellites help bridge the gaps, but both have limitations.

An alternative for long-distance links between packet systems is the Internet, which is fast, continuously available, and highly reliable. At least 30 packet/Internet gateways are now in operation in the USA, and many more will soon become available.

It behooves all packet operators to prepare to take advantage of such gateways as soon as possible. To do so, it is necessary to convert to TCP/IP operation. This is the protocol that is universally used on Internet, and so a TCP/IP message can pass directly from packet-to-Internet-to-packet.

To convert to TCP/IP, an operator needs only NOS software. The TNC must be capable of operating in KISS mode, but practically all modern ones are.

Using NOS introduces some complexities and a guide book will go a long way to ease the conversion. The author recommends "NOSIntro", by Ian Wade - G3NRW, published by the ARRL.

Title>NHC2:Quick and Easy CW With Your PC
Author>Taggart, Ralph E. - WB8DQT
Source>QST Jan 95, pp. 60-61
Abstract>Construction of a simple interface to connect a computer to a

radio for sending and receiving CW.

Digest>Many CW operators, especially those who have multi-mode communications processors (MCP) for operating digital modes, like to use their computer keyboards to replace keyers in forming code, and also for the computer to decode the received Morse code signal. WB8DQT, in this article, points out that one does not need an MCP; a simple interface can be used, instead.

The article presents construction details for a combined receive-interface circuit and transmitter-keying circuit. The total parts cost of the combination should be less than $50.

Complete schematic diagrams and parts list are included, as well as alignment instructions. The unit connects to the computer via the parallel printer port; only four of the contacts are used. Connections to and from the radio are only two: audio output from the radio's headphone jack, and keying input to its keying jack.

An etched and drilled PC-board is available from FAR Circuits, 18N640 Field Court, Dundee, IL 60118, for $6.50 including domestic shipping. The software required is known as MORSE.EXE, which can be obtained at no cost from the ARRL telephone bulletin board system, (203) 666-0578, or from several other sources.

Title>NHC3:The Doctor is IN
Author>Various
Source>QST Jan 95, p. 63
Abstract>Questions and answers of primary interest to newcomers.

Digest>Questions discussed in this issue include: why repeaters operate with offset frequencies; the possibility of a geostationary amateur radio satellite; the reason why a multiband dipole might fail to operate on one band; and possible 40-meter compact beam antennas.

Title>NHC4:Packet on the High Iron
Author>Ford, Steve - WB8IMY
Source>QST Jan 95, pp. 64-66
Abstract>Relates a train trip on which he operated packet, as well as FM, through the window of his car.

Digest>WB8IMY took a trip on an AMTRACK train from New York City to Orlando, Florida, almost a 24-hour train ride. During the journey, he operated 2-meter packet, as well as some FM voice, from his roomette. He carried with him his 2-meter HT, a Kantronics KPC-3 TNC and a laptop computer. All along the route, he was able to contact repeaters and PBBSs through the window of his car.

Title>NHC5:A 5-Element Quad Antenna for 2-Meters
Author>Reynante, Jim - KD6GLF

Source>QST Jan 95, pp. 67-69
Abstract>Construction of a simple and cheap high-gain 2-meter antenna.

Digest>KD6GLF found himself a bit too far from the local repeater to provide reliable communications with an omnidirectional antenna. His solution was to design and build a 5-element quad antenna. His design is very simple and inexpensive. It is completely described in this article.

The mast and boom are both made of 2 x 2 inch (50 x 50 mm.) lumber. The spreaders for the quad elements are made of 5/8-inch (15.6-mm.) diameter dowel sticks, about 30-inches (76-cm.) long. The elements are made of No. 10 copper wire.

A plot of the SWR across the 2-meter band is included. It shows a minimum of about 1.4:1 at mid-band, 1.8:1 at the low end and 2.0:1 at the high end of the band. The antenna provides gain of about 11 dBi. The author reports that he has no difficulty accessing repeaters up to 50-miles (83-km.) away using only his HT with power output of 1.5-watt. He cannot even hear those repeaters when he uses his quarter-wave ground-plane antenna, although it is mounted 10-feet (3-m.) higher than the beam.

GENERAL INTEREST ARTICLES (GI)

Title>GI1:Call Sign License Plates
Author>Ludkiewicz, Mike - W1DGJ
Source>QST Jan 95, pp. 23-25
Abstract>Collecting auto license plates bearing ham radio calls.

Digest>W1DGJ enjoys the hobby of ham radio in two ways: by operating his amateur station, and by collecting ham radio license plates from the various states.

In this article, he gives a short history of states offering auto license plates bearing amateur radio call signs. Apparently, the first state to do so was Michigan, in 1939. By the 1950s, almost every state did, and they continue to this day.

Accompanying the article are illustrations of a few plates from various states, as well as one from a foreign country.

Title>GI2:The Hiram Percy Maxim 125th Birthday Memorial Celebration
Author>Cain, James D. - K1TN
Source>QST Jan 95, pp. 26-28
Abstract>A QSO Party to celebrate the 125th birthday of Hiram Percy Maxim.

Digest>In early September, 1994, an ARRL QSO Party was held in celebration of the 125th anniversary of the birth of Hiram Percy Maxim,

ARRL's founder. Participants could apply for a certificate; more than 5000 of which were issued.

The event will be repeated in September, 1995. Details will be published later.

Title>GI3:The Ham Radio Bill is Now Law
Author>Mansfield, Steve - N1MZA
Source>QST Jan 95, pp. 48-49
Abstract>The Ham Radio Bill passed Congress and was signed by the president. It is now Public Law 103-408.

Digest>After trying for several years, the ARRL succeeded in persuading the United States Congress to pass a joint resolution acknowledging that radio amateurs provide valuable help during all kinds of emergencies. It expresses the "sense of Congress" that all government agencies should encourage the use of new technologies in the amateur service. It also recommends that authorities throughout the nation should make "reasonable accommodations" for amateur radio operation from private homes, automobiles, and in public places.

The resolution was signed by President Clinton October 22, 1994. It thereupon became Public Law 103-408.

Although this law requires no specific action by any government agency or personnel, it can be of help in negotiations with any authority at any level of government that might be acting, or planning to act, in ways that might impede lawful amateur activities.

Title>GI4:A Call Sign Cap
Author>McCarthy, George - W6SUN
Source>QST Jan 95, pp. 50-51
Abstract>Caps and hats displaying call letters.

Digest>Many hams wear caps or hats of varying descriptions bearing their call letters emblazoned on them. In this article, Mr. McCarthy relates some of his experiences while wearing his.

Title>GI5:The Meaning of OMIK
Author>Cain, James D. - K1TN
Source>QST Jan 95, pp. 52-55
Abstract>Describes OMIK, an organization formed by African-American hams but open to all.

Digest>OMIK is a national ham radio organization made up primarily of African-Americans. The organization has more than 2500 members and has been active for more than 40-years. It prides itself on its informality, and carries on many worthwhile activities.

In the early days, the organization grew largely in response to the discrimination the members received from racial bigots in other organizations. OMIK is open to membership for anyone "interested in applied electronics", not necessarily licensed hams, and certainly without regard to race.

Title>GI6:The Considerate Operator's Frequency Guide
Author>Anonymous
Source>QST Jan 95, p. 86
Abstract>A recommended frequency plan for the HF bands.

Digest>Following is a frequency plan for each of the HF amateur bands. It is offered as a "gentlemen's agreement" for orderly division of the assigned amateur bands to minimize interference. It does not have the force of law; other than under the provisions of FCC rules, no frequency is assigned for the exclusive use of any station, or for specific modes of operation.

Frequency Usage

1.800-1.830 CW, RTTY and other narrowband modes
1.830-1.840 CW, RTTY and other narrowband modes, intercontinental QSOs only
1.840-1.850 CW, SSB, SSTV and other wideband modes, intercontinental QSOs only
1.850-2.000 CW, phone, SSTV and other wideband modes

3.590 RTTY DX
3.580-3.620 RTTY
3.620-3.635 Packet
3.790-3.800 DX Window
3.845 SSTV
3.885 AM calling frequency

7.040 RTTY DX
7.080-7.100 RTTY
7.171 SSTV
7.290 AM calling frequency

10.130-10.140 RTTY
10.140-10.150 Packet

14.070-14.095 RTTY
14.095-14.0995 RTTY
14.100 NCDXF beacons
14.1005-14.112 Packet
14.230 SSTV
14.286 AM calling frequency

18.100-18.105 RTTY
18.105-18.110 Packet

21.070-21.100 RTTY
21-090-21.110 Packet
21.340 SSTV

24.920-24.925 RTTY
24.925-24.930 Packet

28.070-28.120 RTTY
28.120-28.189 Packet
28.190-28.225 Beacons
28.680 SSTV

29.000-29.200 AM
29.300-29.510 Satellite downlinks
29.520-29.580 Repeater inputs
29.600 FM simplex
29.620-29.680 Repeater outputs
---

wvanho@infinet.com

2391. Looking for PCElm or BM

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 14:07:34 UTC
From: jcarcia@arrl.org
Message-ID: <1995Feb24.140734.19205@arrl.org>
Source record: 251690

Does anyone know where I could get the latest version(s) of either
PCElm or BM? (Please respond to jcarcia@arrl.org.)

Thanks.

73,

Joe, NJ1Q

--
Joseph P. Carcia, III, NJ1Q | "The surest sign that Intelligent
ARRL Outgoing QSL Service Mgr. | life exists elsewhere in the Universe
American Radio Relay League | is that NONE of it has ever visited
225 Main St. | the EARTH!" - Calvin & Hobbs

2392. e-mail callsign server?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 14:12:20 UTC
From: anderson@ncrsun1.ncr.usace.army.mil
Message-ID: <Pine.SUN.3.91.950224080409.1949A-100000@ncrsun1>
Source record: 251691

I recall a year ago using a callsign server that was
accessed via e-mail. I can't find the address in
my files. Can anyone recall the address? I am specifically
looking for the one activated by e-mail, and not the
telnet ones, as I already have those addresses.

Thanks. Cheers/73. Kevin Anderson, KB9IUA

* *
Kevin L. Anderson, CENCR-PD-W, U.S. Army Corps of Engineers
Rock Island District Office, Planning Div.-Waterway Systems
Rock Island, Illinois 61204-2004, USA phone:(309) 794-5586
e-mail: anderson@ncrsun1.ncr.usace.army.mil
* *
Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

2393. Re: Monitor RFI

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 14:49:14 UTC
From: brunelli_pc@delphi.com
Message-ID: <5K1bkvq.brunelli_pc@delphi.com>
Source record: 251692

<Waltk@pica.army.mil> writes:

>Please, David, tell us what should be grounded on the monitor and base.
>Mine has hardly any exposed metal, at least I can't see any. I'd gladly
>take it apart, find some metal, and ground it, if I knew it would help.
>My monitors D-Sub cable (the one with the 15 pin thingy on the end)
>and power cord are wound around a ferrite rod, and still I get RFI.

Check out the february copy of Monitoring Times which has an
article on monitor rfi and a cure involving metallized paint.

pete
n1qdq

2394. .

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 14:53:03 UTC
From: KE3OK@aol.COM
Message-ID: <950224095202_31058820@aol.com>
Source record: 251693

: 21 Feb 1995 11:35:36 -0600
From: jlw3@roach.cec.wustl.edu (Jesse L Wei)
Subject: No Code Rules!

In article <3i5n96$m2u@newsbf02.news.aol.com>,
Douglas213 <douglas213@aol.com> wrote:
>
>Us Xer's don't need no stupid code. The sooner you oldtimers die and turn
>to dust, the sooner we can run the bands the way they should be ran! Gen.
>X Rules!
>
>--
>dittydittydit-dahdedahdedah - What a Joke!

You may think that you don't need the code but you could use some proper
grammer.
It is all your parents fault for not teaching you dicipline. Grow up.

2395. Re: OM on Internet presence

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 15:00:29 UTC
From: jlloyd@cs.clemson.edu
Message-ID: <3iksad$d4m@hubcap.clemson.edu>
Source record: 251694

You can ftp a list of hams with e-mail addresses from:

ftp.cs.buffalo.edu

The file is

/pub/ham-radio/hams_on_usenet

--
John Lloyd KE4UTX
Computer Science Dept.
Clemson University
South Carolina, USA

2396. Re: FT470 Cross band repeat?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 15:22:05 UTC
From: Deliav@COMM.HQ.AF.MIL
Message-ID: <3iktit$c77@hq.hq.af.mil>
Source record: 251695
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <1995Feb20.120026.11155@walter.cray.com>, rps@cray.com (Russell P. Starksen) says:
>
>Hi,
>
>I hear that the Yeasu FT470 can be used for cross band repeat.
>Does anyone know how to do this?
>
>Thanks!
>
>Russ - N0MRR - rps@cray.com
My under standing is that if you jumper the ear plug output to the mic inout plug it will act as a
across band repeater. I have a ft-470 but never have tryed this.

Vince send :-)
KC6ISS

2397. UHF/UHF permit for Spain

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 15:29:45 UTC
From: bildin@dorsai.org
Message-ID: <D4IGDL.BEq@dorsai.org>
Source record: 251696

Could someone tell me what the restrictions are for operating on UHF/VHF in Spain and Mallorca? I will be going there for a month and would like to operate. Thanks! 73 de AA2TF

2398. wanted: fiberglass poles for antenna construction

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 16:32:56 UTC
From: miller@spk.hp.com
Message-ID: <D4IJAx.89u@hpcvsnz.cv.hp.com>
Source record: 251697

I am looking for a source of fiberglass poles for antenna construction (eg. Quads). I seem to recall that a recent QST antenna construction article mentioned an economical source of said poles, but I cannot remember what issue it was. At present, I am unaware of ANY source for fiberglass rods/poles. Does anyone out there know where I can get this stuff?

Brian Miller NI7P, miller@spk.hp.com

2399. Re: OM on Internet presence

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 16:47:50 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Feb24114750@cassandra.bbn.com>
Source record: 251698

In article <D4HKE1.MvF@vcd.hp.com> dmunroe@vcd.hp.com (Yac-Xib-Chac) writes:
Gianluca Mazzini wrote:

>I am very interesting to known how many OM can access to
>Internet at this time.

Are you asking for information about how many people read internet
newsgroups?

Maybe he's asking about access to Usenet from the Slovak Republic?

2400. Re: Where are VI0ANT and ZK1VTK ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 16:49:13 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Feb24114913@cassandra.bbn.com>
Source record: 251699

In article <3ijg9k$1ch@eram.esi.com.au> dave@eram.esi.com.au (Dave Horsfall) writes:
In article <9502221040.ZM16039@salcius2>,
Wayne_Estes@csg.mot.com (Wayne_Estes) writes:

| What's the location of VI0ANT? (Island or Lat/Lon?)

Antarctica (VK0 - you know, that little island over the South Pole :-)
The "VI" prefix is a special Aussie one.

Oh rats - does that mean the VI9ANT I logged during the ARRL DX is a
busted call?

/JBL
=
Nets: levin@bbn.com | "Oops."
pots: (617)873-3463 |
ARS: KD1ON | -- Lothos

2401. Re: Need advise on reparing old crystal set

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 17:15:31 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2402951215310001@m14494-mac.mitre.org>
Source record: 251700

Leonard Mccabe wrote:

> I just picked up a old crydtal set. But the detector is broken, the wisker has detached itself from the crystal...

The whisker was never attached to the crystal. You adjusted the point of the wire by moving it around on the crystal surface until you find a sensitive spot. It was held against the crystal only by tension. Adjusting one is an art, not a science. Good luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2402. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 18:07:35 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3il797$a2f@ecom3.ecn.bgu.edu>
Source record: 251701

Jeremi Lee <eaeu817@aldebaran.oac.uci.edu> writes:

> So what happened on your case in Court? Did the State attorney
>give up on you?
> Did you get your radio back?

The judge ordered the radio be held until my 'probation' is over.
At that point, I can ask for it to be returned, and theoretically,
I should get it back then. Rather than inform the judge that he
had no authority to make any kind of order concerning my radio,
(since it is an FCC matter), I accepted his decision.
My whole point of trying to get it back wasn't for the property
so much as it was to prove a point to the university cops.

> Do they usually sell out-of-band radios, or do you have to modify
>yourself?
>
Many radios come with the capability to receive out of band.
None that I am aware of are sold with the capability to
transmit out of the amateur frequencies.

Since I am a licensed ham, I have the right to build, repair, and
modify amateur equipment. My grandfather, who isn't a ham, cannot
legally do so. You can legally have another ham do the modification
for you, but since the radios were basically built in such a way
that modifications are simple, most hams with two good eyes, and a
steady hand would perform the operation themselves.

A lot of hams argue the legality of possessing a modified radio,
but if the FCC doesn't have a problem with it, why should they.

When I say it is legal to make the modification, that doesn't
necessarily mean it is legal to use the radio for which it was
modified. Obviously I can't transmit on police frequencies with
my modified radio (unless it was an emergency situation).

I believe hams can't even modify a 10 meter rig for transmitting
on 11 meters. CB radios have to be type accepted, and for the
most part, ham radios aren't.
If you could modify a CB radio to transmit on 10 meter ham frequencies,
more power to you, but once you do, you technically cannot legally
use it on CB channels because you voided the type acceptance.

Also, legally speaking, if a cop confiscated my radio, and used it
to transmit on cop frequencies, the cop would be violating
all kinds of regulations. (I think I counted 7 regulations)

This did happen, and even though I could show proof of the
violations, the FCC wasn't interested because they felt the cops,
which are ignorant of radios, were just doing what they felt was their job.

gotta run
-==-
Dave
.

2403. Re: Amateurs needed for 1995 Bay-to-Breakers in SF

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 18:37:25 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3il915$tdf@floyd.santarosa.edu>
Source record: 251702

What is the minimum license required? Will a Technician class work?

e-mail or post.
jthompso@nermal.santarosa.edu

droid@nbn.com wrote:
: The 1995 San Francisco Bay to Breakers foot race will be Sunday May 21.

: The American Red CRoss Bay Area is looking for amateur radio operators to
: provide communications support for the medical staff. We will need more than 100
: operators on race day. Some assignments are at fixed locations, but many involve
: working on foot in the crowd during the race.

: The Bay-to-Breakers is run by more than 75,000 people each year. Several hundred
: of them need the support of the Red Cross medical staff. That staff needs your
: help in keeping all of them in contact.

: There are several teams that will be formed that day. One of those teams
: is the Packet Radio group. There are several places where packet works better
: than voice. I am looking for a group of 6 or so hams to setup several portable
: packet stations and make it work.

: If you want to join us you may call 415.202.0673 and request an application.
: Tell them you are an amateur operator and that you heard about it here from
: me. I can also provide more data if you email me at droid@well.com.

: One last note... The race day starts around 05:00 and goes till 15:00 or so.

: Marty Brenneis KC6YYP KAE7616
: Industrial Magician
: droid@nbn.com

2404. Re: UHF/UHF permit for Spain

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 19:44:31 UTC
From: STEPHEN@g4shf.demon.co.uk
Message-ID: <3059167wnr@g4shf.demon.co.uk>
Source record: 251703

In article: <D4E3IF.G7B@dorsai.org> bildin@dorsai.org (Bill Hindin) writes:
>
> Does anyone have information/experience on operating in Spain and
> Mallorca? Does the US have a reciprocal agreement and what restrictions
> are relevant when operating there? Tnx! and 73 de AA2TF
>
>
I have operated in Spain under CEPT, 2m /P & /M.

As in France, I could never find anyone to talk to - I could hear QSO's on repeaters
but all in Spanish. There is a widespread packet network but this mainly seems
to use high sites which necessarily have a lot of traffic going through them
and are therefore hard to access.

I never heard anything on UHF.

Good Luck !

--
Stephen G4SHF

2405. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 19:46:52 UTC
From: jcumming@dgim.doc.ca
Message-ID: <1995Feb24.194652.12131@clark.dgim.doc.ca>
Source record: 251704

Laurence Gene Battin (battin@cyclops.iucf.indiana.edu) wrote:
: In article <1995Feb23.151117.11459@clark.dgim.doc.ca>, Jim Cummings
(jcumming@dgim.doc.ca) wrote:

: > I believe that there has been no discussion on the different types of
: > interference which affects digital communications differently than CW
: > because there is none. They are subject to the same sources, i.e. fading,
: > multi-path, co-channel, adjacent channel, etc. However, I would be
: > pleased to know your insights on this matter and would welcome a
: > discussion on this topic.

: As I have said, not being an expert in this subject, I am willing to
: be convinced, but _not_ by any argument that dismisses the possibility
: of very real differences between the brain/ear combination receiving
: Morse in the presence of interference and the possible combinations of
: DSP and analog filtering receiving a digital signal of similar
: bandwidth.
: To simply repeat that there _are_ no differences or that they somehow
: cancel in an unspecified way, does not convince me.

I understand your dilema, but I believe that you are trying to compare two
different criteria. No doubt the ear is a very good matched filter, but
such skill is attained by very few people. On the other hand, there are
very sophisticated digital modes which are can detect data, using
sophisticated algorithms which when listened to by the ear are not heard!
In other words, there are digital techniques which are robust enough with
signal to noise (or s-n/n if you prefer) that when using that marvellous
human detector, the ear, that would otherwise be declared noise.

: Let me give an example of what I mean:
: I can detect pitch differences of the order of a semitone (and, no I
: ^^^^^^^^^^^^^^^^^^^^^^^^^
: haven't computed the equivalence into Hz), and do not need an
: extremely "tight" filter just to eliminate nearby QRM. I can do this
: with some reliability even when the desired signal has less volume
: ^^^^^^^^^^^^^^^^^^^^ ^^^
: than the QRMming signal. Now, before you can even discuss whether
: this is duplicable with a digital system, you had better have some
: hard data on the underlined claims that can be fairly compared to the
: performance of the digital system. These are the sort of human
: performance parameters that have been studied by psychologists or
: other scientists in related fields. To claim, as you do that, "the
: lack of psychological studies" _doesn't_ "preclude any judgement of
: the superiority of digital modes compared to CW" means, to me, two
: things:

: 1). You aren't even aware if such studies exist (and I'd be frankly
: surprised if they _didn't_), (or you have poorly worded a statement
: which intended to say "the lack of the citing of psychological
: studies...")

You are right, I am not aware of any studies, much of my opinions are based upon my own experience and other collegues that I have consulted on these issues. None the less, I too have those same skills whereby I can ignore adjacent channel signal interference when copying Morse code. However, if there is a system that can copy signals that I can't even hear with ear, and sends that information faster than I can with a hand key, why is it necessary to undertake a scientific study to tell me which protocal is more efficient?

: 2). You would be willing to judge the superiority of one mode over
: another without caring what a careful scientific study might show.

We human beings make judgements all the time without having to resort to scientific studies. Even then, they are not absolute guarantees. For instance, there are some people who are members of the Flat Earth Society; regardless of what the scientists say, they are still convinced the earth is flat. I don't. But I didn't need a scientific study to tell me that either.

: Now the first merely illustrates my earlier point: People want to make
: pronouncements about this topic without citing hard data that _is_
: relevant. At least relevant as far as I'm concerned. But I expect to
: see an argument that would try to convince me that this data _isn't_
: relevant, rather than the mere asserion that it isn't. Call me
: skeptic, but assertions don't wash. In very simple terms, you are
: essentially telling me that _you_don't_know_ what the performance of
: the human system is, you are just _sure_ that the digital system _has_
: to be better...Now, I will be the first to admit, _I_don't_know_ what
: the performance of the human system is either, but, gosh-darn-it-all,
: it _does_have_ a performance level, and someone who is claiming that
: that is _exceeded_ by some other system had better show some numbers
: that are supported by _relevant_ measurements.

I am sorry, I am unable to accomodate you with scientific studies. I admire your stance and I fully support your belief. Scepticism is only prudent. On the other hand, I have been exposed to digital communications since I wrote my first college level paper on digital transmission techniques in the telephone system over 20 years ago. As well, I am an ardent experimenter in digital communications in ham radio. Furthermore, I am the holder of a RGMC certificate that qualifies me to work as a radio operator on board a ship equipped for Morse code communication. Finally, I have just finished a course that qualifies me as an operator on board a GMDSS ship.

My experience tells me that Morse code is ineffecient. My collegues who work in digital transmission tell me that it is inefficient. Therefore, I don't need a scientific study to tell me otherwise.

Is this scientific? Not by a long shot. However, if I may restate the challenge, do you have any scientific evidence that Morse code is as effective? In using your own criteria, you have not presented any scientific evidence to convince me otherwise.

: The second is illustrated by the arguments which boil down to
: "everyone else is abondoning X, therefor there is something superior
: to X". Such an argument hinges on a couple of points: (1) "everyone" is
: acting in an intelligent fashion, (2) we share the deciderata that
: influenced "everyone"'s decision.

: Now, I have read contradictory things about the abandonment of Code. I
: have read that the military abandoned the code, only to return to it.
: I have _not_ read that they subsequently abandoned it again, although
: I would not be surprised either way. The military makes, IMHO a good
: illustration of the possibilities that this type of argument can be
: flawed, because we all know that they sometimes make decisions which,
: in hindsight, were pretty bad, or at least premature. Perhaps this is
: a case in point.

I have no knowledge of the fact about the re-introduction of Morse code in the military in the US, and I must admit that I doubt that it is a widespread introduction, but probably have very specifically targetted applications, i.e. long haul Special Forces tactical communications.

On the other hand, I understand that the US Coast Guard no longer has a listening watch on 500 kHz for distress traffic. In addition, our own Transport Canada trained its last group of Morse code qualified coast station operators this past September. There are other examples whereby Morse code is being abandoned as a means of communications.

: Anyhow, all such arguments boil down to how we
: balance the desired capabilities versus the costs.

This is changing the course of the discussion. Previous to this point, we were discussing the merits of ear decoding and machine decoding of radio communication protocals. Concurrently, you would not readily accept my experience that machine protocals are superior to human ear detection because of the lack of scientific data. So be it. Now the discussion has shifted gears to the economics.

: I would be the
: first to admit that, if I wanted to send 64k of text to a friend, any
: other means than digital would be silly, _but_ isn't it a waste of
: bandwidth to take about 200Hz to send him my hand-typed (at certainly
: less than 20wpm, I'm no speed typist) real-time just-now-thought-up-comment,
: (order of magnitude of bandwidth of typical HF digital text mode)
: when, at 20wpm Morse I would use up only 80Hz or so?

No.

: (How many other
: people can simultaneously use this band segment while I am typing this
: digital message, if they are also typing messages at roughly the same rate?

Using Time Division Multiplexing, quite a few.

: How close can others come within my 80Hz code bandwidth without
: causing my friend to make mistakes in deciphering my code?
: Don't these different questions also effect the judgement?)

I don't know. What documented evidence do you have? Share it with us
please.

: However that may be, I hope you see why I remain unconvinced by what
: I've seen around here so far...and I _don't_ have any prejudice
: against using a computer.

So as far as I can determine, you remain unconvinced of the superiority
of digital communications over CW because you feel that there haven't
been enough scientic studies to prove it.

I don't know of any, but it doesn't mean that they don't exist.
Therefore I am relying on my own experience. But since you need to have
that convincing scientific evidence, I can only invite you to undertake
the research necessary to confirm your opinion. You are quite right -
don't take my opinion for granted - go find out for yourself.

: > the lack of redundancy, but with the redundant formats available to the
: > amateur today, the bandwidth-throughput product leaves CW far
: > behind.

: Here you have an opportunity to supply some numbers to help those who
: are not enamored of other digital modes to change their minds:
: 1) _What_ is the numeric value of this bandwidth-throughput product
: for the two modes?

Bandwidth-width throughput product means the amount of data (usually in
terms of bits) per second per unit bandwidth. For example, three 20 word
per minute channels of Morse code with an 80 Hz channel spacing is
roughly equivalent to a 170 Hz 45.5 baud Baudot channel.

: 2) What is the degredation of this value in the presence of QRM and
: QRN? (And is this a reasonable question, and if not, why not?) Or does
: this quantity already take into account the effects of QRM/N and does
: it actually reflect the reality of ear/brain performance in this case?

This product is a constant, regardless of any interference. I suspect
you mean what is the error rate under these conditions. Under these
conditions, as I have stated previously, there are digital systems which
perk along just nicely under conditions that are impossible with Morse
code systems.

: 3) Since all of the above should be expressable in numeric terms, just
: _how_far_behind_ are we talking here?

How far behind what?

: 4) Does the use we expect to make, or traditionally make of the ham
: bands _need_ this improvement?

If we do not, we will not be able to continue to claim that amateur radio operators a technically proficient. If amateur radio operators do not continue to experiment with these modes, stagnation stares at us in the face. If we stagnate, and do not develop new techniques, we will lose another support to continue to use the radio frequency spectrum. Otherwise, we are nothing more than examined CB operators who can send Morse code.

: And, of course this all leaves open the question of emergency
: communications: for every example you give me of ships and governments
: abandoning code, I can reply with examples where knowledge of the code
: proved a life-saver because of the failure of the higher-tech systems.

The use of Morse code alerting is becoming less and less as time goes on. On the other hand, the recent rescue of the Achille Lauro off the coast of Somalia with no loss of life was an instance where that ship was installed with GMDSS equipment. Under those same conditions, the rescue would have been more difficult if instead of using GMDSS, it used the rapidly less used Morse code based system.

: I will admit that some of these stories seem a bit strange. For
: example, I can't imagine being so cold that I couldn't speak, yet
: could still send recognizable code by hand. I have never been in
: danger of freezing to death, so I have no way of judging if this is a
: reasonable thing, but it seems strange to others I have related it to,
: also, so I'm not alone in this feeling. Here is an example where I
: would expect the pro-coder to provide some hard data: I'm sure the Air
: Force, among others, _has_ done studies concerning human capabilities
: in extreme environmental conditions, so let's see the data that
: supports this claimed divergence in motor skills with regards to
: temperature.

I think that the picture that you paint is unreasonable. Considering that the body shuts down blood supply to the extremities, fingers would be one of the first parts of the body to lose its capabilities when the body is subjected to adversely cold conditions. Furthermore, speach capabilities are one of the last to be shut down. Therefore, your scenario is not reasonable.

With respect to Air Force studies - please don't insult my intelligence. I find it unacceptable that you will not accept my evidence which has been acquired through experience while you go and claim that there must be Air Force studies on a subject that is tangental to the discussion.

: Anyhow, for me anecdotal evidence is always potentially suspect.

Go read the ITU Radio Regulations, the Safety of Life at Sea Convention, International Maritime Organization Regulations, Ocean Voice, etc. I could go on and on. This is hardly anedotal information, you just haven't looked for it.

: On
: both sides of this debate. And so are unsupported assertions of fact.

: > officer. If this system of communications is not superior, I would find
: > it hard to believe that your government and mine, as well as all the other
: > members of IMO (International Maritime Organization - another UN body like
: > the ITU) would agree to convert from the Morse code based to GMDSS.

: I never find the behavior of politicians to be hard to believe.
: The political power accruing (sp?) to the nations which _control_
: these satellites is _enormous_, and only enhanced if they can become
: the "official" worldwide unique means of maritime routine and
: emergency communication. Making the powerful and rich corporations
: which build these babies and get them launched happy has to have some
: political repercussions, too. However, anytime _anyone_ tells me that I
: am actually _safer_ with all my eggs in one basket, I reserve the
: right to be very skeptical of their motive. For someone who is
: enamored of digital redundancy, the concept of redundant emergency
: _systems_ ought to be comfortable, and I submit that providing
: auxilliary code capability has got to be one of the cheapest ways of
: providing redundancy in this context that I can think of. Do you
: disagree?

Yes, most assuredly so, I disagree.

GMDSS was not developed and thought up by the politicians. It is a standard that was developed by radiocommunications experts and mariners to provide improved marine radiocommunications. This was developed in internaitonal fora such as IMO, Inmarsat, ITU, ITU-R. As a result, GMDSS is a dictintly better system for the rescue of ships in distress when compared to the old Morse code based systems. For one thing, GMDSS is world wide, regardless of the location of any other stations, both coast and mobile, while the old Morse code system was predicated that another station was within 150 miles of the ship in distress. Another characteristic is its redundancy. With VHF with DSC, MF/HF with DSC, Inmarsat terminals, EPIRBs, and SARTS, the distress alerting capabilities have been augmented when compared to the old system.

Morse code installations can hardly be called cheap because you have to have a trained operator on board. Radio officer salaries are $50k plus. Therefore, at today's prices, two years salary of a radio officer pays for the GMDSS installation. Besides, it would be foolish to install a Morse code installation on board a ship where there would be no one to operate that equipment.

Therefore, if you are looking at the economics and reliablity, GMDSS wins on both counts, hands down. And if you need any assuance on that, I suggest that you contact your nearest Coast Guard office and they will help you with your investigations.

: > Furthermore, if Morse code is so superior because of its low technology
: > characteristic, why are all other services and users getting out of
: > it?

: If Ham Radio is so superior because of its higher level of conduct and
: the challenging nature of its discipline, why did so many more flock

: to CB in the sixties, and seventies?

This is a totally different subject and it is not germaine to the
foregoing. If you wish to start another thread on this, by all means.

: It would'nt be because it was
: _easier_, and big corporations who stand to gain moocho bucks selling
: bells and whistles to people who don't want to exert themselves don't
: see a profit in the marketing of those bells and whistles, would it?
: Heck, you can't even find more than one or two simple, no frills,
: decent HF rig adds in between all the latest multi-vfo,
: zillion-memory, automatic-everything-tuner, 100-if-filters plus DSP,
: latest-model whiz-rigs out there. I submit to you that, willy-nilly,
: Ham _is_ getting out of it too, but I think that the process ought to
: be an _informed_ one, and not just motivated by a me-too mentality.

Gene, how does this relate to the foregoing?

: > To be blunt, although amateur radio operators claim that they are in the
: > fore front of developing communications (I have no doubts about that
: > claim), there is a vocal sector that states low tech is superior. In my
: > view, this is a conundrum.

: In my view, the assumption that low tech is always inferior is a poor
: one to make. That is why I want to see the hard data, at least cited,
: from peer-reviewed literature before I will accept the application of
: that assumtion in this particular case.

And I demand the same consideration. Show me that I am wrong. I refuse
to accept your experience too. Quote the scientific studies that refute
my assertions.

: Low tech, after all, _can_ be
: better, in certain circumstances, particularly when the cost of high
: tech can't be supported. I'll take battery power for my HT over
: lugging a SNAP-reactor around. :-) (Actually, modern batteries are
: probably higher-tech than SNAP anyway.)

No doubt, but we weren't talking of special circumstances, were we? We
were talking in generalities. Just because you aren't aware of what is
going on in the domain or digital communications does not mean that it
doesn't exist.

: I will be the first to plead ignorance in this case, but my ignorance
: is not so much from not wanting to know the facts as it is in
: never having seen a convincing demonstration of the facts. I am
: willing to be convinced in either direction. Techno buzz words such as
: "bandwidth-throughout product" (and _I_ don't mean this to be
: perjorative, either) may or may not be meaningful, but not until I see
: the numbers/model and all the hidden assumptions/presumptions
wrt its
: relevance explained. The Devil is in the details, as always, and He is
: certainly pleased to see the flames generated over this issue.

On the other hand, these systems exists, and they continue to exist
whether you believe in them or not! Existential this is not.

: > 73 and live better digitally
: > Jim, VE3XJ

: Digital - which means "by the fingers" - which means Morse!

: Gotcha!

and they are used to type on a computer keyboard

So Gotcha back!

: 73
: --
: Gene Battin, N9XAM
: battin@iucf.indiana.edu

73 and live better digitally
Jim, VE3XJ

2406. Re: Good folks at FCC and ARRL - The system WORKS!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 20:47:45 UTC
From: tja@netcom.com
Message-ID: <tjaD4Iv3L.DIC@netcom.com>
Source record: 251705

David Lee (dmlee@cris.com) wrote:
-> He took the time to check his records and found that my
-> application had arrived the day before I called. He assured me that
-> the information would be sent to the FCC the next day and that I'd have
-> a call sign issued within 48 hours. He was right.

Great story but, WHAT IS YOUR CALL!
=)

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

2407. ARLP010 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-24 22:47:29 UTC
From: w1aw@arrl.org
Message-ID: <$arlp010.1995@ampr.org>
Source record: 251706
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP010
ARLP010 Propagation de KT7H

ZCZC AP78
QST de W1AW
Propagation Forecast Bulletin 10 ARLP010
From Tad Cook, KT7H
Seattle, WA February 24, 1995
To all radio amateurs

SB PROP ARL ARLP010
ARLP010 Propagation de KT7H

Solar flux was up last week, while geomagnetic activity was down. This is a nice combination because conditions are stable while the Maximum Usable Frequency is up. The A index for most of the week has been in the single digits, and there were many periods with the K index at zero or one.

Solar flux should stay in the mid-80s for the next month, with a possible disturbance around February 26 and 27, as well as March 7, 12 and 13. Conditions should be quiet again after March 16.

Scott Craig, WA4TTK has a new Windows version of the solar graphing program mentioned in past bulletins. This is a great way to view trends in the current solar cycle, as well as play around with different averaging and display options. The program is free, and available if you send a formatted high density disk with postage paid return mailer to the author at 409 Jessie Drive, Nashville, TN 37211-3534.

Sunspot Numbers for February 16 through 22 were 48, 56, 57, 69, 75, 77 and 77, with a mean of 65.6. 10.7 cm flux was 85.6, 89, 88.8, 94.6, 90.8, 89 and 85.2, with a mean of 89.

The path projection for this week is from Denver, Colorado to Laos. 80 meters looks good from 1130z to 1345z, and 40 meters from 1100z to 1430z. Check 30 meters from 1430z to 1600z, and 20 meters from 1600z to 1900z. The frequencies above 20 meters do not look good over this path at this time.

Comments or questions to the author of the propagation bulletin may be sent via packet to KT7H @ N7DUO.WA.USA.NOAM or via internet to tad @ ssc.com.
NNNN
/EX

2408. Clear Lake ARC WWW Page

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 00:02:56 UTC
From: biekert@phoenix.phoenix.net
Message-ID: <3ils3g$ej0_001@phoenix.net>
Source record: 251707

For those with a WWW browser, check out the Clear Lake Arc WWW page. CLARC is located in SE Houston, Tx.
Links to DX Spots, WWV, Satellite predictions and the CLARC anonymous FTP site.

http://www.phoenix.net/~biekert/index.html

73 Bob

Bob Biekert Houston, Texas KA5GLX Join the Clear Lake ARC
CLARC Homepage http://www.phoenix.net/USERS/biekert/index.html

2409. Amateur Radio in Chile?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 00:21:54 UTC
From: mk@ra.UCSC.EDU
Message-ID: <3ilt72$e5u@darkstar.UCSC.EDU>
Source record: 251708

I've accepted a post that will have me operating from Chile for the next 3 years. With my application for reciprocal operating permit ready, I need to start deciding what portions of the radio collection to bring along (in addition to the HF rigs). Does anyone know about the level of VHF/UHF activity either FM, packet or cw/ssb, in Region IV, the vicinity of La Serena?

73,
-- Mike, K1MK
Michael Keane - K1MK/6 Lick Observatory
University of California
mk@lick.ucsc.edu Santa Cruz, CA 95064

2410. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 01:44:23 UTC
From: jjmartin@world.std.com
Message-ID: <D4J8tz.HEo@world.std.com>
Source record: 251709

In article <3ikaul$l65@newsbf02.news.aol.com>,
PatrickMY <patrickmy@aol.com> wrote:
>Mr. Martin:
>
>I thank you for your input about communications to the Philippines. I
>don't thank you for
>your lecture on how to become a "respectable" ham.
>Let me start by letting you know that I have a degree in electrical
>engineering (awarded in 1988) from one of the nation's most respected
>universities. I have designed and built several electronic devices
>including a working digital computer. If you would ever like to
>have a chat about electromagnetic radiation theory and the mathematics
>behind it, give me a holler.

[Buncha Deserved Stuff Deleted]

Again Patrick-My apologies-Publically. No doubt you have read my private e-mail to you by now and in that I apologized and explained that I mainly used a "Follow-up" command for that post and although I was speaking to you about certain things I hopped onto my soapbox and was speaking to the general ham population on other things. So, again here too-it wasn't a personal attack on you. And, it had nothing whatsoever to do with the code - no-code thing or the no-code technician license.

I was merely complaining about the present state of amateur radio where we have individuals from all classes of license (I didn't state this in my original post so am doing it now) that have a difficult time changing a light bulb - I was not saying YOU could not change a lightbulb Pat but I can see how my post could be misconstrued as a personal attack.

Since I don't know you personally I cannot attack you. Since you don't know me or my personality you could interpret my post as a personal attack and that is what happened. It wasn't but I don't blame you for your response.

When there is no room for immediate feedback via this mode of communication-communication breaks down. Not having the talent for words also adds to the dilema.

Sorry Pat. Will be glad to assist you in finding the information you seek.

>"Seventy-Three"

Ouch! I felt the sarcasm in this. I don't blame you. But from me to you- a sincere

Seventy-three

-jim-
WK1V

2411. Re: CALLBOOK SITE ON WWW?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 02:09:45 UTC
From: fuat@tintin.cc.columbia.edu
Message-ID: <3im3h9$hqa@apakabar.cc.columbia.edu>
Source record: 251710

In article <John.Meysenburg-2202951157390001@137.79.6.116>,
John Meysenburg <John.Meysenburg@jpl.nasa.gov> wrote:
>Hello folks,
>
>Does anyone know the URL site for the Callbooks?

See:

http://www.cc.columbia.edu/~fuat/cuarc/callsign-servers.html

for a list of pointers.

--Fuat
Columbia University fuat@columbia.edu
703 Watson Labs 212-854-4804
612 W115th Street 212-662-6442 (Fax)
New York, NY 10025 Amateur Radio: N2YGN http://www.columbia.edu/~fuat/

2412. Re: NET DIRECTORY?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 02:23:56 UTC
From: dave.des@metronet.com
Message-ID: <D4JAnx.9oA@metronet.com>
Source record: 251711

Gregory Smith (gsmith@alpha.wright.edu) wrote:
: is there an FTP able NET direcotry like the ARRl one? I recently recieved
: my General and I'm looking to find some net's that fit me, so help me out
: if you can.
: -73- De Greg, N8PPZ

If there's not, someone ought to start one. I'd think that people trying
to generate/maintain interest in nets would apreciate a frequently
updated info location. Does anyone out there with disk space and/or a
Web page want to volunteer, or does this already exist?

Dave

2413. ARLB019 Update on ARRL President's Condition

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 02:40:06 UTC
From: w1aw@arrl.org
Message-ID: <$arlb019.1995@ampr.org>
Source record: 251712
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB019
ARLB019 Update on ARRL President's Condition

ZCZC AG85
QST de W1AW
ARRL Bulletin 19 ARLB019
From ARRL Headquarters
Newington CT February 24, 1995
To all radio amateurs

SB QST ARL ARLB019
ARLB019 Update on ARRL President's Condition

ARRL President George Wilson, W4OYI, suffered a stroke on
February 11. His vital signs have stabilized and he is being
moved from intensive care to an intermediate care facility at the
hospital in suburban Virginia where he is undergoing treatment.
His wife Marian and their two children deeply appreciate the
expressions of support that have come from radio amateurs
throughout the world. Doctors are optimistic about George's
prospects for recovery. Cards may be sent to him c/o ARRL HQ.
NNNN
/EX
```

2414. Re: Earthquake's & RF

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 02:43:17 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4JBK5.A3M@news.hawaii.edu>
Source record: 251713

In article <3ijfar$7as@ixnews3.ix.netcom.com> RFNEWS@ix.netcom.com (William Mayhew) writes:
>Anybody know about research being done measuring RF levels
>just before an earth quake?. What Freq's, how big of a band width?
>What signal level above noise floor? mV or uV?
>
>Thanks...
>WLM
>

Hi Bill,
Try asking on both sci.geo.earthquakes and ca.earthquakes. That seems to be where the professionals hangout including USGS and Cal Tech folks.

Jeff NH6IL
Jeffrey Herman, Manoa Valley, City And County of Honolulu

2415. Re: JA reciprocity

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 03:37:38 UTC
From: Joe@interramp.com
Message-ID: <3im9e3$fqt@usenet.interramp.com>
Source record: 251714

In article <1995Feb8.211249.7971@liberty.uc.wlu.edu>,
<rdidonna@liberty.uc.wlu.edu> writes:
> Newsgroups: rec.radio.amateur.misc
> Path:
interramp.com!interramp.com!psinntp!rebecca!rpi!gatech!swrinde!cs.utexas.edu!uw
m.edu!caen!hearst.acc.Virginia.EDU!liberty!rdidonna
> From: rdidonna@liberty.uc.wlu.edu (Richard F. DiDonna)
> Subject: JA reciprocity
> Message-ID: <1995Feb8.211249.7971@liberty.uc.wlu.edu>
> Date: Wed, 8 Feb 1995 21:12:49 GMT
> Organization: Washington & Lee University
> X-Newsreader: TIN [version 1.2 PL2]
> Lines: 8
>
>
> Stupid question. I don't have a copy of the rulebook handy.
>
> Does the United States have a reciprical (sic) operating agreement
> with Japan??
>
> Rich Ki6ZH
>
RICH: YES, US and Japan have reciprocal operating privileges. And,obtaining a
Japanese license is simple, albeit somewhat costly. I spent three years in
Japan (July 1990 - July 1993) and held Japanese call sign 7J1AJJ.
Foreigners are assigned calls beginning with 7J. Anyway, to obtain
recip licensing application, you can telephone the Japan Amateur
RAdio League International division in Tokyo. I will get back
and post a message to you with phone numbers, etc. There is a Japanese
guy there who holds US Extra class ticket and he will send you application
and process it for you. You do have to send them 11,000 yen -- approx
$110 for a license. License term is one year and renewal is 4,000 yen.
I am digging round through my files right now and can't come up with
my old license application but as soon as I find it, I'll get info to
you. By the way, when you go to Japan, you will wnat to go to
Akihabara section of Tokyo. Just get on the train or subway and find th
find the Akihabara stop. That is the electronics mecca of Japan. But,
beware. There ain't no bargains anymore in amateur radio equipment.
Evertything there is as costly as it is in the US. And, the Japanese
80 and 40 meter bands, 2 meter bands, and 70 cm bands are different from
US so you cannot use eqpt for those bands in the US. Now, a lot of jailhouse
lawyers will tell you that you can buy equipment in Aki and modify it when you
return. You can have VHF gear modified to US specs if you are willing to pay
the US distributor to replace the CPU. It seems the Japanese were having

problems with locals buying handhelds and modifying them to operate out f band.
So, they just slapped some regulations on the manufacturers that required
spearate CPUs for domestic and export VHF radios.
You can clip a few diodes out of HF gear and make it operate on US
HF freqs but that can get ot be tricky.
Anyway, I'll get back to you with license info as soon as I find it in my mess
somewhere.
Joe, K4FPT, 703-257-9719 (voice).

2416. Part 2: Spark vs. C.W. - Historical notes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 03:49:05 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4JELt.BHJ@news.hawaii.edu>
Source record: 251715

phb@syseng1.melpar.esys.com (Paul H. Bock) writes:

> In response to my recently-posted comment that "spark was outlawed
>because it was inefficient and wasteful of bandwidth," someone posted
>a note that spark wasn't actually "outlawed" until 1966 or something
>like that.

Hi Paul,
That someone was of course me. I was wondering when someone would
finally say `huh?' to the 1966 date.

Many of the anti-code test advocates back up their convictions by
telling us what's happening outside the ham bands. Thus, that 1966 date
applies to a particular non-amateur frequency, 500 kHz.

Here are some excerpts from my source, _Contact_At_Sea_ by
Peter Schroeder (1967).

The Washington Radio Conference of 1927 specified that ``...spark
was to be eliminated below 375 kc, no new spark installations were
to be made after Jan. 1, 1930 except for transmitters of less than
300 watts...spark was to be forbidden by 1940 except for ship stations
of less than 300 watts...spark was to be forbidden to all land
stations after Jan. 1, 1935...''

``Between the Washington (1927) and Madrid (1932) radio conferences
there were many complaints about spark interference from European
broadcasters... (and) International Air Traffic Association... The
French government pressed for the complete suppression of spark
stations...not later than 1940.''

``At the Madrid Conference the delegation of the U.S. argued for the
elimination, by 1940, of all spark stations except those of an
emergency character... (while the) International Shipping Conference
argued for the status quo...'' (i.e. to allow spark to continue). Madrid
ended stating `` `The Administrations will endeavour to abandon
as soon as possible type B waves, other than on 500 kc (600 meters).'
...spark stations could use six frequencies: 375, 410, 425, 454,
500, and 1364 kc...''

At the 1938 Cairo Conference ``...8000 of 15,000 ships still using
spark...and they were declared to be essental in view of their
sturdy simplicity and reliablilty...'' (Cairo ended with only
allowing spark on 375, 425, and 500 kc).

Following WWII, the 1947 Atlantic City Conference ended with
the statement `` `The use of class B emission is forbidden in

all stations,' with several exceptions: Australian ships close to her coast..., `However, spark is permitted for emergency... distress calls and distress traffic on 490-510 kc...' The withdrawal of these frequencies from spark use was reaffirmed in the Geneva Regulations of 1959, where spark was limited, on a distress basis only, to 500kc.'' The 1947 conference reaffirmed `` `...500 kc as the distress frequency (and that distress emissions should be) A2 or class B (spark)...' encourged a condemned transmission mode (because) a mobile station might use any means available `to attract attention, make know its position...' ''

(Note that as late as Geneva 1959 spark still wasn't completely forbidden.)

(To be continued)

Jeff NH6IL
Jeffrey Herman, ex US Coast Guard CW operator

2417. Re: Freestanding Tower Information Requested

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 03:55:14 UTC
From: Joe@interramp.com
Message-ID: <3imace$fqt@usenet.interramp.com>
Source record: 251716

In article <1995Feb10.132353.28445@ke4zv.atl.ga.us>, <gary@ke4zv.atl.ga.us>
writes:
> Newsgroups: rec.radio.amateur.misc
> Path:
interramp.com!interramp.com!psinntp!news.intercon.com!udel!gatech!wa4mei!ke4zv!
gary
> From: gary@ke4zv.atl.ga.us (Gary Coffman)
> Subject: Re: Freestanding Tower Information Requested
> Message-ID: <1995Feb10.132353.28445@ke4zv.atl.ga.us>
> Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
> Organization: Destructive Testing Systems
> References: <sf3a2fa7.019@lan.mcl.bdm.com>
> Date: Fri, 10 Feb 1995 13:23:53 GMT
> Lines: 19
>
> In article <sf3a2fa7.019@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN
WHITBY) writes:
> >I am planning on installing a Rohn 40' free standing tower this spring. I
> >am a novice at tower installation and would like to hear from everyone
> >who has installed freestanding towers in the past. What hints do you
> >have and what should I avoid doing? Any information you can share
> >with me would be gratefully appreciated.
>
> The most important advice is "don't fall off". :-)
>
> Use temporary guys while erecting the tower. Even if it will eventually
> be freestanding, it's not stressed for the loads imposed while being
> erected.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |
Gary: If you have never erected a tower or participated in
putting up a tower, BE CAREFUL. Towers are the most dangerous,
most deadly, and least forgiving of any aspect of amateur radio.
First thing you need to do is to call Rohn at 309-697-4400. Tell
them to send you the Rohn Amateur Radio Tower Catalog. It will
cost you $8.00 and it wil save your life. In there are the
drawings and specs for any size and type tower you might encounter.
I have jsut consulted my copy and to put up a 40' free standing
tower you will need a round hole 4 feet deep and 3 inches bigger in

diameter than the base cylinder. You bury the base cylinder,
tamping the earth every 6-8 inches, keeping the whole hting plumb.
Then, you and several friends with safety belts and hard hats build the
tower fromthe ground up. Best thing: get the Rohn book and study it then get
some friends who have done this before.
Remember, the size limits for antennas you can put on a free standing tower
are considerably smaller than limits on antennas for guyed or bracketed towers.
If you do not want to dig holes and pour yards of concrete for a guyed tower,
have you considerd using a house bracket? With a two-story house, you put up
two brackets, lag bolting th bracket through the siding into studs. You can go
up to 40' or more that way. I have one house bracket at the peak, a drive-in
base plate and my Rohn 25G is 40' with 15' of Schedule 80 mast sticking above
it, holding a tri-bander, 5 elms on 50 mhz, 19 elms on 144mhz, and 24 elms on
432mhz.
Get the Rohn catalog and study it.
73 es cul, Joe, K4FPT.

2418. Re: Gin Pole, how to use?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 04:10:24 UTC
From: Joe@interramp.com
Message-ID: <3imb22$fqt@usenet.interramp.com>
Source record: 251717

In article <3hhio7$9nd@crcnis3.unl.edu>, <gbrown@unlinfo.unl.edu> writes:
> Path:
interramp.com!interramp.com!psinntp!rebecca!newserve!ub!dsinc!newsfeed.pitt.edu
!gatech!willis.cis.uab.edu!news.ecn.bgu.edu!newspump.wustl.edu!crcnis3.unl.edu!
unlinfo.unl.edu!gbrown
> From: gbrown@unlinfo.unl.edu (gregory brown)
> Newsgroups: rec.radio.amateur.misc
> Subject: Re: Gin Pole, how to use?
> Date: 11 Feb 1995 05:42:31 GMT
> Organization: University of Nebraska--Lincoln
> Lines: 25
> Message-ID: <3hhio7$9nd@crcnis3.unl.edu>
> References: <3hat5t$rpa@on-ramp.ior.com>
> NNTP-Posting-Host: unlinfo2.unl.edu
> X-Newsreader: TIN [version 1.2 PL2]
>
> Robert J. Raymond (bobr@on-ramp.ior.com) wrote:
> : Can anyone give me some details on what a gin pole is and how it is used?
> : I understand this can be used to help me put up my tower? Thanks.
>
>
> I hate posts which just say "I agree...", but I'll risk doing it to
> emphasize what Gary Coffman said. Installing towers, even very short
> ones, can be _extremely_ dangerous.
>
> There's nothing wrong with your question about gin poles...you have to
> ask questions to learn. But it's a little like the the old joke about
> the guy who asked how much the Rolls Royce cost...the dealer answered
> "If you have to ask, you can't afford it." :-)
>
> If there is a good radio club in your area, there are probably some
> willing tower "experts" who would much rather help you out than let
> you get hurt...and they will ask nothing in return, except that you
> help out someone else with something you know about.
>
> DON'T PUT UP A TOWER WITHOUT EXPERIENCED HELP!
>
> (Preach mode off)
>
> Greg WB0RTK
>
What is a gin pole and how to use it. A gin pole is properly called an
"erection fixture." Don't laugh. That's the proper name.
It is a long piece of pipe with one end slightly bent with a pulley

welded to that end. The other end has saddle clamps spaced to fit the
cross braces on the tower you are using it with.
How to use it.
Put the tower base in concrete and let it cure a coupel of weeks.
Standing on the ground, set the first ten foot secion of tower onto
the base and tighten the bolts.
Run a piece of new, big nylon rope through the pulley, put on your safety belt
and hard hat and two people go up the ten foot section.
Clamp the gin pole to the top braces of the ten foot section, with the
curved section of the gin pole facing out. The rope now hangs down to the
ground. Helpers on the ground tie the rope to the top of secon ten foot
section and guide it up as the two people on the tower hauld it up by pulling
the rope through the pulley.
when the tower piece gets to the top of the gin pole, one guy handles the rope
while the second guides the tower section into place. Tighte bolts.
Climb the newly installed piece of tower, untie rope. Unclamp gin pole, move
it up to the top of the newly installed section adn repeat the process to
install the next section.
Install temporary guys at the 20 foot level before you go any further.
etc, etc., etc.
Get the book from Rohn, Rohn Amateur Radio Tower Catalog, $8.00. Get some
experienced friends.
Towers kill.
Joe, K4FPT.

2419. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 04:42:49 UTC
From: cmoore@sedona.intel.com
Message-ID: <3imcg9$eu6@chnews.intel.com>
Source record: 251718

In article <3ijc4u$afr@ncar.ucar.edu>, Kim Elmore <elmore@rap.ucar.edu> wrote:
> Isn't it interesting that all the things said about DSP methods as
>they relate to CW are equally applicable (if not *more* applicable) to...
>voice modes.

Hi Kim, guess I have to disagree, at least where HF is concerned. Almost any microcontroller can encode/decode CW. I don't know of any digital voice methods that work at 300 baud, no matter what the MIPS of the computer. Course, if the 300 baud legal requirement were removed, who knows what we might invent? Would digital voice be legal in the digital portion of the bands? Would digital voice be legal in the voice portions of the bands? Presently it takes about 2400 baud to adequately reproduce a human voice. SSB is really hard to beat for bandwidth _and_ speaker recognition especially when filtered and compressed.
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

2420. What is that number to get the latest callsigns issued list

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 05:05:46 UTC
From: robert@eden.com
Message-ID: <3imdra$9i7@boris.eden.com>
Source record: 251719

[No readable article body recovered]

2421. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 05:08:16 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4JI9u.9J7@zeno.fit.edu>
Source record: 251720

In article <3ijqtt$olo@ixnews1.ix.netcom.com>,
michael silva <mjsilva@ix.netcom.com> wrote:
>software may seem simple to you, after years of schooling and
>independent hacking, it's not something the average ham can do.
>Mike, KK6GM

but maybe it should be. maybe it would have been if we had not lived
with decades of questionable regulations regarding data communications.
>

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2422. Re: Station ID question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 06:39:59 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3imjbv$pdg@mother.usf.edu>
Source record: 251721

: : Q. What callsign shall or may be used by operators of a Club-licensed
: : amateur radio station?

: The very question locks you into an answer! Anyone operating a club
: *station* must use the club *station callsign*. Period. But that's
: not really your question ...

Okay. So what about those club stations that do not have callsigns?
We'll have one once they start issuing them again but our club has been
without a callsign since about 1979-80 when the club had very low numbers
and the callsign was not renewed?

: You can also require logging of club station activity; there's no way
: to force someone to keep a log when it's not your station, meaning
: there's no way to investigate complaints. But it's up to the club.

We require logging of our HF contacts on our club station. We log who is
operating.

We've done DX, contesting etc using numerous callsigns of members. The
last two 10 meter contests have operated under my callsign.

I am looking forward to having a new club callsign (actually we plan to
attempt to get our old call back... when the gate two of the vanity
program opens since the person who will be our trustee (faculty advisor,
as we are a university amateur radio club) who is an extra class operator.

73 de KR4YL

--
* == *
> Paul Knupke, Jr. University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu Fidonet 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* == *
"We're only immortal for a limited time ..." -- Neil Peart

2423. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 08:30:35 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3imprb$a7q@ixnews3.ix.netcom.com>
Source record: 251722

In <D4JI9u.9J7@zeno.fit.edu> wnewkirk@bb.iu.net (William Newkirk) writes:

>
>In article <3ijqtt$olo@ixnews1.ix.netcom.com>,
>michael silva <mjsilva@ix.netcom.com> wrote:
>>software may seem simple to you, after years of schooling and
>>independent hacking, it's not something the average ham can do.
>>Mike, KK6GM
>
>but maybe it should be. maybe it would have been if we had not lived
>with decades of questionable regulations regarding data communications.
>>
I'm all for toughening up the writtens -- I've been saying so since I wandered into r.r.a.whatever. I further don't believe the Tech written had to be weakened to bring in more new hams; the elimination of the code test would have created the Tech explosion even if they had kept 3B in the written.

Mike, KK6GM

2424. Re: Infamous Hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 09:16:07 UTC
From: foggy@eskimo.com
Message-ID: <D4Jtqv.vq@eskimo.com>
Source record: 251723
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policies

[No readable article body recovered]

2425. Another view?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 13:07:11 UTC
From: fisherb@ccsnet.com
Message-ID: <11142RILRQFWFNNVOBH@ccsnet.com>
Source record: 251724

Here is a different view.

Date: Mon, 20 Feb 1995 12:16:31 -0500
From: Mike Simpkins <HyperMike@AOL.COM>
To: Multiple recipients of list HAM-L <HAM-L%TREARN.BITNET@vm.gmd.de>
Subject: Online Service Killing Ham Radio

I wrote to John just the day before explaining a contention of mine that Ham Radio is an antiquated hobby that has been outdone, to a large extent, by the advent of online services such as Delphi, CompuServe and America Online. It is a difficult position to hold in such as Delphi, CompuServe and America Online. It is a difficult position to hold in defense of amateur radio against the speed, cost and versatility of Online services. As a point of defense for the difference between ham and online the issue of real time communication was brought up. This clearly no longer the case considering the use of IRC (internet relay chat) and other chat modes offered by all of the online services. Only the speed of your typing dictates the speed of your communication.

Here again I disagree with the idea of the amount of information that can be passed comparatively speaking between voice and email and chat-mode. And here we begin to peer into another realm of this debate that most people ignore. Amateur radio is an exceptionally elitist and exclusive group. It is a group that has made few concessions for accessibility issues with those who are either deaf or those with speech impediments. It is in the exploration of this argument that you unearth another prevailing attitude in amateur radio. Among most hams that I have encountered there is an underlying antagonism against anyone who is other than the white anglo saxon protestant. On numerous times I have heard hams discuss the degeneration of their hobby being measured by the number of minorities being licensed. The scenario goes like this.. With tobacco dribbling off the hams cheek I am told that the hobby is going to pot because "of all these dribbling off the hams cheek I am told that the hobby is going to pot because "of all these nigers". That's the attitude I have found in abundance in this hobby so far. The fact that the deaf and those with severe speech impediments are usually excluded from Ham radio is a traditional practice. It falls into that (us and them) dark ages mentality that fills the sewer of racism and hatred whose smell is obnoxiously apparent in the hobby. I am aware that there are ways to attain higher licences with what amounts to a doctors approval.. but I still observe a clique of mostly blue collar white male bigots bragging in self indulgent diatribes about their federal licensing and thousands of dollars sunken into HF rigs. Few hams are willing to help anyone. Few hams have ever learned the idea of humility.

Again we see how online services offer a similar level of accessibility to different people. The difference here is that you don't have to take a multiple guess test to gain access to this information exchange outlet. In amateur radio you have the typical white suburban slob who does nothing more than memorize every question in the question pool. Our diligent scholar then drives to some remote community college or ham fest question pool. Our diligent scholar then drives to some remote community college or ham fest and parrots out the answers. Our newly licensed ham is on his new rig within a matter of weeks having learned nothing other than...gee... our new amateur gives us a blank and empty stare.

There is one area of amateur radio that I do admit has no rival. That is the area of emergency communications. I am sure there are numerous examples of positive and life- saving examples of the use of the amateur bands for this purpose. Beyond the use of the amateurs bands for emergency communications, I do not see any constructive or positive influence it has in the areas of the advancement of the radio art, improvement s in communication and technical skills. I also read numerous articles concernings in communication and technical skills. I also read numerous articles concerning the latest California quakes where online services were crammed with emergency traffic going to and from the devastated areas. So even in emergency comms. online communication is rivalling the older ham bands.

It is my opinion that amateur radio is nothing more than the remnants of a once useful and technologically advanced hobby. It's days are now numbered. With amateur radio wasting so much bandwidth with mindless chatter about walleye fishing and the traditional -send me your qsl card <spit that tobacco>.. it is only a matter of time before the FCC gives the bandwidth over to the more productive use of cellular and commercial privilege. Not that I want to see all Ham radio come to an end.

Ask yourself.. what can you do in amateur radio that you can't do with an online service such as America Online or Delphi ? It is my belief that the online service industry will deliver amateur radio a death blow in the coming decade. With dwindling numbers having interest in ham radio, the already low standards for licensing will go even lower to attract more participation. Soon there will be no distinguishable separation between the 11 meter CB band and the other dwindling and obsolete amateur bands. And then.. bye bye ham radio.. and good riddens.

My point here is that the online service industry is going to overtake and slay the obsolesence of amatuer radio. The technology of the online service industry has advanced so far and so fast that most amateurs aren't even aware of their impending doom.

Sock it to me. Tell me what your feelings are concerning my position of what ham radio is and will be in the future.

Respectfully,

Mike Simpkins

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

2426. Re: Station ID question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 13:19:34 UTC
From: drt@world.std.com
Message-ID: <D4K50n.FsD@world.std.com>
Source record: 251725

Paul Knupke (CS) (knupke@babbage.csee.usf.edu) wrote:
: : : Q. What callsign shall or may be used by operators of a Club-licensed
: : : amateur radio station?

: : The very question locks you into an answer! Anyone operating a club
: : *station* must use the club *station callsign*. Period. But that's
: : not really your question ...

: Okay. So what about those club stations that do not have callsigns?

Well, the callsign for a club station that doesn't have its own club
station license is the trustee's callsign, so every club station has a
station callsign. (We hope - else how do you ID?)

If the trustee refused to let you "borrow the equipment" and required
you to "use his/the club's station" instead, nothing would be
different. It doesn't matter whether the license is a club license or
the trustee's primary license - ops can't use *their own* callsigns.

: : You can also require logging of club station activity; there's no way
: : to force someone to keep a log when it's not your station, meaning
: : there's no way to investigate complaints. But it's up to the club.

: We require logging of our HF contacts on our club station. We log who is
: operating.

But if the op is using *his* callsign, not yours/the club's, how can
you *require* him to do anything? It's not your station anymore. The
QSO doesn't go in your log, it goes in his - if he keeps one. He gets
the QSL, too. You don't even have any legal reponsibility for what he
does on the air, which is a good thing, since you'll never see the
pink slip.

We weren't talking about using a trustee's primary station license for
a club (which is legal, and for some necessary), we were talking about
letting people use their own callsigns with the equipment whenever
they needed a "new one," or whatever (which is legal, but different,
and is never necessary).

-drt

|David R. Tucker KG2S drt@world.std.com|

--

|David R. Tucker KG2S drt@world.std.com|

2427. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 14:27:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.25592.7585.0NFB9648@woodybbs.com>
Source record: 251726

```
The following files were processed Saturday 02-25-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMCOMM HAM: CW / APLINK / RTTY terminal progams
--------------------------------------------------------------------------------
SWFAX1.ZIP 14,689 WeFax v1.0 weather fax receiver program
--------------------------------------------------------------------------------
14,689 bytes in 1 file(s)

HAMLOG HAM: Amateur radio logging programs
--------------------------------------------------------------------------------
QLOGE204.ZIP 154,910 Amateur Radio logging program by IK5HGL
--------------------------------------------------------------------------------
154,910 bytes in 1 file(s)

HAMPACK HAM: Packet Communication programs
--------------------------------------------------------------------------------
BPQ408A.ZIP 251,467 G8BPQ Packet Switch with OS/2 beta included
KMTRM130.ZIP 194,129 KamTerm v1.30 w/g-tor, by N5IAL
LIU95BT2.ZIP 826,551 Packet Radio for Windows, beta release 2, by G7LIU
UPAK10.ZIP 448,351 UltraPak v1.0 Friendly packet terminal, by G4WFT
--------------------------------------------------------------------------------
1,720,498 bytes in 4 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
RADSERV.ZIP 34,656 Radio Control server for Versatrk v1.0 Win/NT
VERSATRK.ZIP 267,635 v1.2 Win/NT Satellite Tracking program by WJ1R
VSTSRC.ZIP 322,352 Versatrk v1.2 Win/NT source code
--------------------------------------------------------------------------------
624,643 bytes in 3 file(s)

Total of 2,514,740 in 9 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest
```

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 19b381af Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

2428. Re: TNC+modem+mouse=com port cram!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 14:31:13 UTC
From: fiz@lamar.colostate.edu
Message-ID: <3inevh$3at9@yuma.ACNS.ColoState.EDU>
Source record: 251727

In article <8A41418.00CB002750.uuout@camel.com>, robert.brandon@camel.com (ROBERT BRANDON) says:
>
>I'm suffering from "com port cram". I'm trying to run a serial port TNC
>(the Heathkit clone of the PK-232), a US Robotics Sportster internal
>modem, and a mouse, without plugging and unplugging all the time. I'm
>trying to use Lan-Link v. 2.32 for the TNC, and the Quick Link 2
>software that came with the modem. Someone told me I need to set up the
>modem on com port 2 and the TNC on com port 4 (or vice versa), and use
>the same IRQ (#3). I've tried it both ways, but I can't get either
>device to work when both are plugged in. The TNC seems to work ok on
>com 4, but not the modem. Should I try different IRQs? Should I try
>running both the TNC and mouse off com 1 since I don't use the mouse
>with the TNC software? Any suggestions appreciated. Robert WD5AAT

I'm not sure what kinda computer you have but I've heard that the new
local bus 486's use the same address space as COM4 for the video
card ROM...I spent a couple weeks trying to get a modem working on COM4
before discovering this...This might be the reason your TNC works on COM4
but not your modem...

ttfn fiz

2429. cwops society

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 14:38:29 UTC
From: strider@oeonline.com
Message-ID: <D4K8o6.E2n@oeonline.com>
Source record: 251628

I am interested in forming the organization COPS, cw operators
preseervation society. Please contact me for further information
&3 de Len W8RC

2430. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 15:12:25 UTC
From: Larry.Roll@ssalpha.com
Message-ID: <7e9_9502252048@ssalpha.com>
Source record: 251636

-=> Quoting Mark Ellis to All <=-

ME> I've come to the conclusion that W is the worst letter
ME> to have in a callsign. It's the only one that has a longer
ME> pronunciation (double U, three syllables) than its
ME> phonetic (Whiskey, 2 syllables).

ME> No other letter has that "distinction". In fact, it's the ONLY
ME> letter that requires more than one syllable.

ME> I wonder if there's a correlation between the number of W's
ME> in a call and the interval to upgrade to get another call :-)

ME> 73, N2WZB (sigh)

Mark:

Well, I have another opinion. I think the letter "W" has a lot of
impact, due to it's uniqueness in having more than one syllable. A
lot of folks think "K" has punch, but I always wonder if they said
"K" or "A" or "J." It's also very distinctive on CW.

73 de Larry, WR2F (wouldn't you know it!)

... No-Code Techs *are* real hams! Don't believe me? Just ask one!

2431. RE: Info-Hams Digest V95 #155

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 16:21:01 UTC
From: NEEDHAME@ZIAVMS.ENMU.EDU
Message-ID: <950225092101.517a@ZIAVMS.ENMU.EDU>
Source record: 251629

KC0PA

Does anyone know whether Tim has an E-Mail address while overseas?

Please reply to NeedhamE@27LG.CANNON.AF.MIL

Or NeedhamE2ZIAVMS.ENMU.EDU

Thanks ya'll

Earl, KD5XB

2432. Re: kNOw Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 18:52:09 UTC
From: douglas213@aol.com
Message-ID: <3inu8p$86i@newsbf02.news.aol.com>
Source record: 251630

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

In article <D49CzC.1H5@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

>>Us Xer's don't need no stupid code. The sooner you oldtimers die and
>>turn to dust, the sooner we can run the bands the way they should be
ran!
>>Gen. X Rules!
>>>dittydittydit-dahdedahdedah - What a Joke!
>
>Maybe we should petition the FCC to *raise* the code speed for
>HF access. I'm still puzzled as to what or who Generation X is
>supposed to be.
>
>Completely unrelated, I've read that the first Boeing 777 in
>commercial operation will have the callsign WA002. It appears as
>if the FCC has run out of N callsigns for aircraft.
>
>Jeff NH6IL

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

Easy Jeff, this one is an ex-MP with a bad attitude. He has threatened
my extremely fat ass directly in 'rec.radio.cb' and my lawyer has drawn up

the necessary forms with the local DA for a charge of criminal harrassment
if the
abuse continues. I would guess that by now he is hiding somewhere in the
woods
and shaking in his boots. He will learn that just because I have a
tremendously
wide ass, it does not pay to mess with THIS citicorp executive. I would
guess his
attitude is exacerbated by excessive exposure to 11m radiation!

Your second question is easy; Generation X is the title the newsmedia
maddogs
have hung on the Post-BabyBoomer group. They are special in
many respects, only the least significant of which is the fact that their
chances to be gainfully employed are totally overshadowed by the lack of

any
interest by Industry in hiring most of them. Apparently the educational
has
failed to properly meet their needs. They can barely string a coherent
sentence
together, and their spelling is atrocious!

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405
+------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
MANAGEMENT!)

2433. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 19:01:46 UTC
From: douglas213@aol.com
Message-ID: <3inuqq$8b0@newsbf02.news.aol.com>
Source record: 251631

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

In article <D49CzC.1H5@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

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From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

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my extremely fat ass directly in 'rec.radio.cb' and my lawyer has drawn up

the necessary forms with the local DA for a charge of criminal harrassment
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abuse continues. I would guess that by now he is hiding somewhere in the
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and shaking in his boots. He will learn that just because I have a
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wide ass, it does not pay to mess with THIS citicorp executive. I would
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attitude is exacerbated by excessive exposure to 11m radiation!

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maddogs
have hung on the Post-BabyBoomer group. They are special in
many respects, only the least significant of which is the fact that their
chances to be gainfully employed are totally overshadowed by the lack of

any
interest by Industry in hiring most of them. Apparently the educational
has
failed to properly meet their needs. They can barely string a coherent
sentence
together, and their spelling is atrocious!

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405
+------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
MANAGEMENT!)

2434. Re: No Code Rules!, and New Aircraft Callsigns.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 19:02:01 UTC
From: douglas213@aol.com
Message-ID: <3inur9$8b4@newsbf02.news.aol.com>
Source record: 251632

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

In article <D49CzC.1H5@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

>>Us Xer's don't need no stupid code. The sooner you oldtimers die and
>>turn to dust, the sooner we can run the bands the way they should be
ran!
>>Gen. X Rules!
>>>dittydittydit-dahdedahdedah - What a Joke!
>
>Maybe we should petition the FCC to *raise* the code speed for
>HF access. I'm still puzzled as to what or who Generation X is
>supposed to be.
>
>Completely unrelated, I've read that the first Boeing 777 in
>commercial operation will have the callsign WA002. It appears as
>if the FCC has run out of N callsigns for aircraft.
>
>Jeff NH6IL

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

Easy Jeff, this one is an ex-MP with a bad attitude. He has threatened
my extremely fat ass directly in 'rec.radio.cb' and my lawyer has drawn up

the necessary forms with the local DA for a charge of criminal harrassment
if the
abuse continues. I would guess that by now he is hiding somewhere in the
woods
and shaking in his boots. He will learn that just because I have a
tremendously
wide ass, it does not pay to mess with THIS citicorp executive. I would
guess his
attitude is exacerbated by excessive exposure to 11m radiation!

Your second question is easy; Generation X is the title the newsmedia
maddogs
have hung on the Post-BabyBoomer group. They are special in
many respects, only the least significant of which is the fact that their
chances to be gainfully employed are totally overshadowed by the lack of

any
interest by Industry in hiring most of them. Apparently the educational
has
failed to properly meet their needs. They can barely string a coherent
sentence
together, and their spelling is atrocious!

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405
+------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
MANAGEMENT!)

2435. Re: Your Filth and Elmer's List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 19:02:11 UTC
From: douglas213@aol.com
Message-ID: <3inurj$8b7@newsbf02.news.aol.com>
Source record: 251633

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

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MANAGEMENT!)

2436. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 19:02:32 UTC
From: douglas213@aol.com
Message-ID: <3inus8$8bg@newsbf02.news.aol.com>
Source record: 251634

Subject: Re: No Code Rules!, and New Aircraft Callsigns.
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 24 Feb 1995 20:06:51 GMT
Message-ID: <1995Feb24.200651.18741@ttinews.tti.com>

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2437. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-25 22:53:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.25593.7585.0NFB9649@woodybbs.com>
Source record: 251635

```
The following files were processed Saturday 02-25-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMCOMM HAM: CW / APLINK / RTTY terminal progams
--------------------------------------------------------------------------------
MSCAN20P.ZIP 148,231 Microscan v2.0p SSTV & Fax by PA3GPY
--------------------------------------------------------------------------------
148,231 bytes in 1 file(s)

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ANART846.ZIP 8,439 ANART Bulletin #846 02/19/95
ARLB018.ZIP 3,541 02/ /95 - SM election results
ARLD008.ZIP 4,761 02/16/95 - DX News
ARLP009.ZIP 3,356 ARRL Propagation Bulletin 02/21/95
ARRL0213.ZIP 10,810 ARRL Newsletter Vol 14 No 3 02/13/95
NEWS0218.ZIP 11,512 NewsLine #914 02/18/95
PFQ0219.ZIP 11,440 VK2PFQ President's address / WICEN News
RAC0395.ZIP 9,068 RAC Spcl News Bulletin 03-95 02/18/95
VK2-0219.ZIP 4,065 VK2 WICEN News 02/19/95
--------------------------------------------------------------------------------
66,992 bytes in 9 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT049.ZIP 8,745 AmSat Bulletin #049 02/18/95
SPC0220.ZIP 6,115 Space News 02/20/95
--------------------------------------------------------------------------------
14,860 bytes in 2 file(s)

HAMSWL HAM: Shortwave broadcast schedules
--------------------------------------------------------------------------------
RNZI.ZIP 3,365 Radio New Zealand Intl SWBC Sked - 03/19 to 05/06/95
SCDX2218.ZIP 10,747 Sweden Calling DX #2218 02/21/95
--------------------------------------------------------------------------------
14,112 bytes in 2 file(s)

Total of 244,195 in 14 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003
```

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 2c707241 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

2438. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 00:41:31 UTC
From: vanduyne@NorthNet.org
Message-ID: <fkyJlehQK4dQ078yn@northnet.org>
Source record: 251637

> vanduyne@NorthNet.org (Andy VanDuyne) writes:
>
> >There is _no such thing_ as a CW language... CW is a _mode_ often
> >used to send Morse code, the characters of which can be arranged into
> >common short "q" signs which _may_ be understood by ops who don't
> >necessarily speak the same language. However, CW itself is merely an
> >_emission mode_. When I tune the rig I'm sending CW.
>

In article <phb.793662088@melpar>, Paul Bock K4MSG wrote:

> Well, Andy isn't quite technically correct in his definition.
> CW is an "emission" but not a "mode."

> In the early days of wireless....

Paul - thank you for your information- that will teach me to be a
smart ass. I appreciate your explanation.

I still have my doubts about the universality of a "CW language" (and
yes I _do_ operate CW; that is, I transmit information using
continuous wave and 'code'- I hope to put the QRP rig on the air next
weekend...)

I do _not_ accept a string of ASCII characters parading across my
screen in this message group as 'CW'.

Thanks again, Paul - I hope to hear you on the air...

==========
Playing Guitar, Running The Radio, Staring Down The Computer,
Teaching Music... Is there any other way?
Andy VanDuyne aka n2psl aka vanduyne@northnet.org
==========

2439. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 01:19:18 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4L2C6.CK2@news.hawaii.edu>
Source record: 251638

mconner@rain.atms.purdue.edu (Mark D. Conner) writes:

>This limited communication could be important in an emergency.
>But is it important enough to justify requiring Morse code proficiency
>for every amateur who wants to use the HF bands? Shoot, maybe I
>should be required to decode RTTY by ear in case someone sends an SOS
>by teletype. Morse will continue to have its place, just as RTTY
>continues in the face of AMTOR. If it is truly a superior method of
>communication, amateurs will flock to it regardless of requirements.
>Those that don't cotton to it will stay in the voice bands, as out of
>the way of Morse ops as those on the VHF bands.

Since CW is still one of the top two HF modes in use, and CW is
the only mode allowed the freedom to be used on any frequency within
a band (U.S.) I see the Morse requirement as being justified.

If it will ease your mind, think of there being skill tests for
the top two HF modes: Speech for SSB, and code for CW, with the
speech test waived.

73 from rainy Hawaii,
Jeff NH6IL

2440. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 01:30:34 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3ioljq$kpq@news.halcyon.com>
Source record: 251639
Body handling: HTML body converted to readable text

<>

I would REALLY like to see that letter. Amateur Radio Supply in
Seattle was fined six or eight thousand dollars for merely OFFERING
to TELL a customer how to modify an amateur radio for out of band
operation.

Could we have some difference here between how different FCC offices
interpret the law?

My other post covers my REAL objection to hams modifying their radios.
I spent five years trying to get cops to use their radios correctly.
I can't imaging a bunch of hams out there tying up police radios
with their own definition of "emergencies." Even if the hams follow
HAM procedures wonderfully...they're different than cop procedures.

73!

Bob Calkins, WA7NUU
Communications Officer,
Emergency Services Coordinating Agency, Snohomish County, WA

2441. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 01:36:06 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3iolu6$kpq@news.halcyon.com>
Source record: 251640
Body handling: HTML body converted to readable text

<

2442. Re: Jeff Angus and Hitler quotes in rec.radio.amat

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 03:50:42 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3iotqi$4702@blue.weeg.uiowa.edu>
Source record: 251641

douglas213@aol.com (Douglas213) writes:

>Why is Nazi war memorabilia so often sold at gun shows? Well here is what
>I believe: I think that the nazi stuff sells so well at gun shows because
>the beeganwhacters are trying to divert our attention from the abductions
>and the tweet-tweet signal disrupting communications. Better to look up at
>the enemy instead of dead people. Yom.

>Rick

Huh?

rw

2443. Re: CALLBOOK SITE ON WWW?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 04:55:19 UTC
From: wday@dfw.net
Message-ID: <wday-2502952255190001@fw26.dfw.net>
Source record: 251642

John.Meysenburg@jpl.nasa.gov (John Meysenburg) wrote:

> Does anyone know the URL site for the Callbooks?M

Try: http://www.mit.edu:8001/callsign

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

2444. Re: Is there still a foreign stamp service?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 05:00:25 UTC
From: wday@dfw.net
Message-ID: <wday-2502952300250001@fw26.dfw.net>
Source record: 251643

marxj@doa.state.wi.us (John Marx) wrote:

> There used to be a
> service for hams that sold current issue foreign postage stamps to
> help hams get replies to QSLs. I need some Irish stamps and would
> like to see if they can help me. Does that organization still
> exist ...

Contact: William J. Plum for a list of over 200 countries' stamps
12 Glenn Road
Flemington NJ 08822
(908) 788-1020 voice
(908) 782-2612 fax

G'luck! Wayne

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

2445. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 05:26:31 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4LDs7.HIK@news.hawaii.edu>
Source record: 251644

jcumming@dgim.doc.ca (Jim Cummings) writes:

>2. If all this neat high tech stuff has been blown away or rendered
>useless, what are the circumstances that our high tech amateur radioes
>would not be subjected to the same stresses and forces and be rendered
>useless as well? All that the CW isn't going to help then....
>
>73 and live better digitally
>Jim, VE3XJ

Hi Jim,
You've been reading the QRP email list long enough to know how
easily a CW xcvr can be thrown together from whatever survives
the above mentioned catastrophe.

73 and live better analogically,
Jeff NH6IL

2446. Re: Is there still a foreign stamp service?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 06:43:34 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3ip7um$9ov@omnifest.uwm.edu>
Source record: 251645

For more details, see "PSE QSL! An Expert's Guide to Amateur Radio QSLing" by Bill Walsh, W6DDB, published by Tiare Publications and available for around $10 from most ham book outlets.

73,

Rick WB9GYT

2447. Re: Too Much for Too Little (was re: The Legacy...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 09:22:40 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3iph90$5th@ixnews2.ix.netcom.com>
Source record: 251646

In <3idg2a$lh5@nntpd.lkg.dec.com> little@iamu.chi.dec.com (Todd Little) writes:

>
>
>In article <3i8jts$6iq@ixnews3.ix.netcom.com>, mjsilva@ix.netcom.com (michael silva) writes:

>I forgot to mention this before, but what does "full Extra privileges
>above 30 MHz" mean? Only novices don't have full VHF+ privileges. Why
>not say "full Technician..." or "full General..." or "full Advanced.."?
code test

It was just something somebody said in response to a question about what privleges a Tech now has (all above 30MHz). I thought in its own odd phrasing it emphasized how much we give for passing a 55 question test.

>|>in 1991). The privileges relative to the effort/knowledge/skill
required
>|>are now out of all proportion to the other classes of amateur
license. This
>
>Again, I believe this has very little to do with the technician class
>license and could equally apply to most (all?) other classes.

I don't dispute that, but no other class has gone backwards in testing requirements as much as the Tech has.

> Plus if you think making the technician class license include part
>3B is going to solve the problem, then I think you are incredibly
>naive.

Who said anything about "solving the problem"? I just think it was wrong to make the written easier, and I don't think *that* solved any problem (unlike removing the code test, which *did* get more warm bodies into the hobby, thus solving what some thought was "the problem").

>What part of their Yaecomwood would
>you like them to understand? The microprocessor control circuitry, the
built
>in keyer circuitry, the CMOS fabrication technique used to build the
chips,
>the soldering technique used for surface mount devices, the power
amplifier
>circuitry? I hold an advanced class license and I'd be hard pressed to
>give you a lot of details about the insides of my modern HF/VHF
transceiver.

Answer your own question. Are you satisfied if they understand
nothing of their Yaecomwood? Who's asking for details; fundamentals
would be good enough. How about notching up every license class one or
two clicks (3B for Tech, 4A for General, 4B for Advanced, 4B+ for
Extra).
>
>Think about how much has changed in electronics over the last 40-50
years.
>Also think how much broader the amateur radio service is. Instead of
one
>electronics technology to master (tubes) and 2 modes of operating (CW
and
>phone), we now have many many more options and things to learn. Which
>of those areas would you have the perspective technician learn?

Some of everything would do. We hear people on the air every day who
don't have a clue about the radio part of amateur radio. Most of them
would study more and learn more if they had to pass a harder test. It's
a start.
>
>Please note, I agree that the current tests are somewhat lacking, but
>it's not just not part 2 and 3a that need work.

No dispute there. Like I said, it's just that the Tech has given up
more ground than the others.

> Without studying I came
>within one answer of passing 4b and I studied all of an hour for 4a.
I'm
>no god's gift to radio theory, but I know how to take tests. And in
general,
>the current tests test your ability to take tests and not a whole lot
more.
>Fix that problem first. Although even then if amateurs don't use the
>information they'll lose it. Harder tests won't make people use the
>information they learned. Only interest or need can do that.

True, but I believe you have to reach a "critical mass" of knowledge to
even pique your interest, and I also believe that people who won't or
can't pass a somewhat tougher written are unlikely to be an asset to
what is and has always been a technical hobby.
>
>Finally, what do you hope to accomplish by making the written tests
harder?
>How will that change the amateur radio service? Can you measure that
>change so you'll have some way of knowing that the harder tests indeed
have
>the desired effect? Is there some defect in the amateur radio
population
>that you believe will be cured with a harder written test?
>
There was a time in the hobby when the majority of hams knew enough to

be able to put a piece of gear together and make it work, however below state-of-the-art it might have been. I believe that time passed sometime in my licensed years (Novice in '71). Who has benefited from this lowering of standards? The nation? The amateur service? What purpose is to be served by amateur radio as we move into the 21st century?

Technology is the great wealth-creator of the modern world. A country who's citizens lose the ability at all levels to understand and work with technology will see its standard of living slip lower and lower. Amateur radio is, I think, losing it's focus on individual technical improvement and developing more and more a go-to-the-store-buy-a-box mentality. I don't ask newcomers to be engineers, but let's not reinforce the notion, through such simple testing, that this technical stuff is just a formality to get a ticket. Yes, it's a different world. Being able to alter packet software source code is at least as valuable as being able to build a stable oscillator, but we don't give the impression via our standards that either of these things is important. If we just want to get lots of warm bodies into the hobby in the hopes that some will develop an interest in technical matters than why not make the current tests even easier? What makes the current level of testing "just right"? When the HF code requirement goes, will we then also ease up on the other written elements, instead of toughening them up?

Mike, KK6GM

2448. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 12:49:46 UTC
From: fisherb@ccsnet.com
Message-ID: <30961TKTKOOADOCMTSH@ccsnet.com>
Source record: 251647

```
IN>No thanks - I'd rather live on the street where I can defend myself than
IN>under a roof where my liberty is taken from me.
IN>--
IN>David Tiller | Network Administrator | ICBM: 33d 42' 43.75"

Spoken like a true ham (the ultimate wimp who N E E D S a gun to be a
man).

_____________________________________________________
( Burt Fisher South Dennis (Cape Cod), Mass. )
( )
( FISHERB@A1.mec.mass.edu )
( FISHER@meol.mass.edu )
( XUAB85a@prodigy.com )
( Amateur Radio Call K1OIK )
( K1OIK@KQ1K.ma )
(_____________________________________________________)

---
```


• SLMR 2.1a • Non sequitur. Your facts are uncoordinated.


```
--
*********************************************************************
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
```

2449. Re: Ham Radio: Killed by its own.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 12:57:03 UTC
From: moisan@bronze.lcs.mit.edu
Message-ID: <3iptqv$ils@bronze.lcs.mit.edu>
Source record: 251648

In article <3ip38r$h5e@newsbf02.news.aol.com>, SRugg <srugg@aol.com> wrote:

>does what it was intended by bringing them back into ham radio as another
>way to experiment with their computers. Locally, I have stopped attending
>my club meetings because of this same shameful complaint from the "Old
>Timers", who have nothing good to say about anyone except themselves.

I have a question for the group. Every time someone mentions a "new"
technology (microcontrollers, DSP, you name it), they're shouted down:
"The average ham can't do that!" Why?

Consider that I--and many others--learned electronics and computers, including
assembly language, in their teens. Consider that many semi companies have
good databooks on their products, free or at least cheap for the asking.

These "undergraduates" people speak of are mostly wet behind the ears
themselves, and their experience and knowledge of electronics is not *that*
much more than that of most hams.

The older generation has no one to blame but themselves; they cry "No Elmers",
but where are *they*? Passing on what they know? "Goddamned kids of today
don't know *nothing*!" Learning new things? "I NEVER HAD TO DO THAT WHEN
I WAS YOUNGER, WHY THE HELL SHOULD I NOW?!" To those people fixated against
IC's: Get rid of your terminal or PC and post from a Model 33, and tell me
if it's the same. Then I'll grant your point. Hams have ALWAYS used what
technology was available to them; why should I be any different?

>This club is controlled by them and their attitudes have turned off many a
>new ham, or prospective ham.
If more people went up to them and said "You're being a jerk--stop it *now*",
maybe that might stop short a few of these types. Or perhaps suggest that
Jack Kevorkian should handle license renewals.

>hams would take the time to show them the rest of the world i.e. HF,
>instead of complaining about them being allowed to get a license in the
>first place, maybe there would be even more.

Yes. I never had an Elmer, but I *did* elmer someone myself. I
don't know everything, but I give him moral support, technical advice, and
leftover textbooks. If someone did that for me, he'd be my friend for life!

73's, Dave, N1KGH

--
| David Moisan, N1KGH /^_/^\ moisan@bronze.lcs.mit.edu |
| 86 Essex St. Apt #204 (o ^ o) n1kgh@amsat.org |
| Salem. MA 01970-5225 | | ce393@cleveland.freenet.edu |

| "I can't URL to there! It's DISGUSTING!"--Wakko Hacker |

2450. Re: TNC+modem+mouse=com port cram!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 13:10:50 UTC
From: abraun@alb.med.itc.com
Message-ID: <95022647450@alb.med.itc.com>
Source record: 251650

In Article <8A41418.00CB002750.uuout@camel.com>
robert.brandon@camel.com (ROBERT BRANDON) writes:

> I'm suffering from "com port cram". I'm trying to run a serial port TNC
> (the Heathkit clone of the PK-232), a US Robotics Sportster internal
> modem, and a mouse, without plugging and unplugging all the time. I'm
> trying to use Lan-Link v. 2.32 for the TNC, and the Quick Link 2
> software that came with the modem. Someone told me I need to set up the
> modem on com port 2 and the TNC on com port 4 (or vice versa), and use
> the same IRQ (#3). I've tried it both ways, but I can't get either
> device to work when both are plugged in. The TNC seems to work ok on
> com 4, but not the modem. Should I try different IRQs? Should I try
> running both the TNC and mouse off com 1 since I don't use the mouse
> with the TNC software? Any suggestions appreciated. Robert WD5AAT
>
Robert - I'm doing something similar to you, with a mouse, a modem, a TNC,
and a digital voice processor board all in the same machine. Here is the
layout of COM ports and IRQ's that worked for me:

COM 1 /IRQ 4 = mouse (mouse CANNOT SHARE AN IRQ WITH ANYTHING ELSE!)
COM 2 /IRQ 3 = TNC (actually it's outboard rather than internal but this
shouldn't matter)
COM 3 is disabled
COM 4 /IRQ 3 = modem - for a 14.4 or 28.8 modem you should have a 16550
UART on whatever port you're using for the modem
IRQ 2 = DVP board
IRQ 5 = sound blaster

This setup works fine under both DOS and Windows. I have some problems
with it under OS/2 however, since I'd like to be able to run the TNC and
modem at the same time and that isn't possible without using a different
IRQ, and OS/2 (unlike DOS/Windows) requires the use of IRQ 7 for printing.

If you've done this setup, or something like it already, and it didn't
work, you need to check 2 other possiblilities:
1. Each COM port has a memory address assigned to it. Make sure you
aren't inadvertently having 2 COM ports sharing an address
2. Many hardware devices use what is called a DMA channel. You need to
make sure these aren't conflicting either. The documentation for the
hardware/software devices in question usually makes reference to these and
tells how to change them if necessary.

Hope this helps. 73 - Alan NS0B

* *
* Alan Braun MD, NS0B * Internet: abraun@alb.med.itc.com *

```
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

2451. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 13:55:18 UTC
From: vanduyne@NorthNet.org
Message-ID: <Nu7KlehQKmtH078yn@northnet.org>
Source record: 251651

In article <3imk6d$laa@crcnis3.unl.edu>, WB0RTK wrote:

> The above diatribe is ludicrous. The previous poster was simply
> explaining how CW (Morse) helps people communicate. You understood
> that.

Was he? See below...

> In my profession, when someone says "B-15", I know that they mean
> "polyvinyl acetate", not some kind of airplane....

(other examples deleted) ....

> If I really don't understand that, then I'm pretty darn ignorant about
> amateur radio. But if I'm *not* ignorant, and I *do* understand,
> yet still choose to lambast the guy with hypercritical and
> irrelevant nit picking, then I'm a fool.

Having reread my original post, I hardly see where I 'lambasted'
anyone. Sensitive people on here... Some of the points I was trying
to make, albeit poorly, it seems-

Code often trancends CW- again, most of the repeaters around here
identify with code on FM. Also, strings of ASCII on a computer screen
are not CW.

On the topic of communication and what I understood what was going on,
someone raised the point of code (whoops, CW) and effective
communications with persons speaking other languages. The question
was to the effect of "how do you speak Chinese in "CW"", to which the
helpful reply was:

-.-. .... .. -. . ... .

I don't believe I was the first to be 'flip' about the topic, and I
don't find this, as you contend above, to be an explanation of how
people 'communicate' in 'CW'. A person asked a serious question, and
this was Jeff's response.

I am fully aware that when a friend meets me on phone and invites me to
do some "CW" later, that we are probably going to use the code. Which
is something I look forward to more and more of late- a lot more fun
than talking to hams in ASCII, it would seem.

73 de N2PSL

==========
Playing Guitar, Running The Radio, Staring Down The Computer,

Teaching Music... Is there any other way?
Andy VanDuyne aka n2psl aka vanduyne@northnet.org
==========

2452. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 14:38:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.25594.7585.0NFB964A@woodybbs.com>
Source record: 251652

```
The following files were processed Sunday 02-26-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
---------------------------------------------------------------------------
ARLB019.ZIP 3,414 02/24/95 - Update on ARRL President's Condition
ARLD009.ZIP 4,568 02/23/95 - DX News
ARLP010.ZIP 3,954 ARRL Propagation Bulletin 02/24/95
OPDX195.ZIP 6,318 OH/PA DX Bulletin - 02/20/95
QRPLIST.ZIP 14,316 QRP Club Listings - v0.96 02/15/95
RAC0223.ZIP 3,813 RAC Spcl News Bulletin 02/23/95
RTDX0224.ZIP 4,640 RTTY DX Bulletin 02/24/95
UCALLS.ZIP 17,703 Univ. Calls & info - v.06 02/14/95
---------------------------------------------------------------------------
58,726 bytes in 8 file(s)

HAMSAT HAM: Satellite tracking and finding programs
---------------------------------------------------------------------------
ARLK008.ZIP 4,902 ARRL Keplerian Bulletin 02/25/95
OBS055.ZIP 8,504 Ansat Orbital Elements #055 02/24/95
---------------------------------------------------------------------------
13,406 bytes in 2 file(s)

HAMSWL HAM: Shortwave broadcast schedules
---------------------------------------------------------------------------
WUN95FEB.ZIP 69,226 WUN UTE Newsletter Vol. 1 No. 1 - 02/95
---------------------------------------------------------------------------
69,226 bytes in 1 file(s)

Total of 141,358 in 11 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1
```

--- FMail 1.0g
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 21db7064 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

2453. Kenwood TM-733 Experience

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 15:11:43 UTC
From: dhinch@cello.gina.calstate.edu
Message-ID: <3iq5nf$r2o@cello.gina.calstate.edu>
Source record: 251653

I am looking for a new dual band mobile rig which will also do 9600 baud packet. In analyzing the available models, I find that the 733 is the only one that is set up for 9600 baud. The 733 also appears to have a good range of other features and claims to have addressed the issue of intermod with AIP. Does anyone have any comments on this rig or have recommendations concerning another? I need to act pretty soon as there is a Kenwood coupon deal that expires in a couple of weeks.

Thanks in advance.

Dave KE6MYC

Email: dhinch@cello.gina.calstate.edu

--

2454. International Callsign Database?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 15:18:14 UTC
From: Ken Haagenson <haagenso@haagenson.ultranet.com>
Message-ID: <3iq63m$gb1@caesar.ultra.net>
Source record: 251654

Can anyone tell me of a WEB site that has international callsign listings? The ones I've tried are fine for US calls, but don't seem to contain any international (Carribbean, Central America, South America) info.....

Please post replies to this newsgroup.

Tks,

2455. Postscript 610 form????

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 15:49:58 UTC
From: gsmlrn@gsm001.mendelson.com
Message-ID: <1995Feb26.154958.3920@gsm001.mendelson.com>
Source record: 251655

When the new 610 form came out, someone was kind enough to convert it to postscript and then post it here. Is it still available? I have looked in all the archive sites I could find, but I could not find it.

If you have it could you please tell me how to get it?

Thanks,

Geoff.

--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com

2456. QSL route to F9DE

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 15:58:06 UTC
From: davev@atkc.COM
Message-ID: <9502261558.AA08912@venus.atkc.com>
Source record: 251656

I wouldn't post this, except that this is my *FIRST* DX contact, ever,
in nine months of having a license, and I really want to QSL back
to F9DE. His name is Pierre, and he was somewhere near Paris, France
and I got him yesterday on 15 meter CW. If anyone could answer the
following, I would really appreciate it:

a) How (short of buying a call book) can I get the QSL route?
Is there a callsign server for Europe?

b) By proper manners, what should I send? I've heard of
International Reply Coupons. Do I get them at the post office?
How many should I send?

c) I don't speak French. (German and Russian, but no French.)
Is it acceptable to write out the QSL card info in English?

d) The new US stamps say "Good for sending USA mail only."
What gives? Where do I get stamps I can use to send mail out of
the USA?

e) I am an ARRL member. What would be the procedure for
trying to send back a QSL card via the ARRL? I heard that they
run a DX QSL card bureau.

Thank you very much for your replies.

==========
This message does not constitute any official or unofficial statement or
policy of American Turnkey or any other organization, corporation or
institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 x-207 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

2457. Re: RFI Plug 'n Power Remotes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 16:08:17 UTC
From: dts@peanut.senie.com
Message-ID: <3iq924$bg0@nic.iii.net>
Source record: 251657

In article <793581291snz@microvst.demon.co.uk>,
Anthony R. Gold <tgold@microvst.demon.co.uk> wrote:
)In article <D4A7HE.FIo@indirect.com>
) acameron@indirect.com "Allan Cameron" writes:
)
)> I'd appreciate comments from any hams who have the Plug 'n Power devices.
)
)You might try posting this also to comp.home.automation where X-10 users
)and manufacturers will certainly have knowledge of this.
)
)I have X-10, not with the Radio Shack imprint, and have never had any
)problem with inadvertant operation from R.F.

I've used both Radio Shack and other labelled X-10 stuff. Since they are all
reportedly made in the same factory and sold by many different companies,
I suspect the results will be the same with all.

I also have had no trouble with X-10 modules, switches or control systems
interacting (either direction) with my ham gear, on any band.

Dan
--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

2458. Re: ham radio wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 17:33:53 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4MBGI.F3@zeno.fit.edu>
Source record: 251658

In article <3io6mt$41b@chaos.dac.neu.edu>,
alissa devlin <adevlin@lynx.dac.neu.edu> wrote:
>i am a 14 year old kid who does not have a lot of money and i would like
>to get into the ham radio hobby for as little as possible. I am going
>to get the no-code technical class licens so if you are selling a radio
>that is capable of covering that licenses priveledges please e-mail me.
>or point me in the right direction.
> adevlin@lynx.neu.edu

join up with some radio clubs (use the club station...)

find out what others are using (know what to buy).

find out what new stuff is going for (a good base radio for $400 should
last you for at least 10 years unless someone figures out a new modulation type)

start saving the pennies...and while you're out scrounging around, don't
forget to scrounge the antenna parts...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2459. Re: More Ham-Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 17:47:19 UTC
From: georgec@pic.net
Message-ID: <3iqer8$d3g@gandalf.pic.net>
Source record: 251659

In article <3ijs7g$3o9@jupiter.planet.net>, billsohl@earth.planet.net (Bill Sohl Budd Lake) says:
> within the typically bland technoical
>detail that one finds in any TV news broadcast.

Was this on NBC nightly news with brokejaw or on local WNBC?

This is also the result of the TV biz being dominated by the technically illiterate. Used to be that these facts couldn't be jumbled too easily. Back when reporters were journalists. Now they're usually 23 year old bimbos that have no concept of how anything really works in this world.

-George C WB2DYB/5

2460. Re: Jeff Angus and Hitler quotes in rec.radio.amat

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 17:55:42 UTC
From: georgec@pic.net
Message-ID: <3iqfau$d3g@gandalf.pic.net>
Source record: 251660

>douglas213@aol.com (Douglas213) writes:

>>Why is Nazi war memorabilia so often sold at gun shows? Well here is what
>>I believe: I think that the nazi stuff sells so well at gun shows because
>>the beeganwhacters are trying to divert our attention from the abductions
>>and the tweet-tweet signal disrupting communications. Better to look up at
>>the enemy instead of dead people. Yom.

Y'know...maybe there is something to the 'ban AOLers' sentiment I keep seeing.
-George WB2DYB/5

2461. New Bbs

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 19:12:25 UTC
From: Chris.Ogg@f418.n109.z1.fidonet.org
Message-ID: <6c4_9502262002@blkcat.fidonet.org>
Source record: 251666

```
a new bbs is here check it out 301-294-2422
---------
Fidonet: Chris Ogg 1:109/418
Internet: Chris.Ogg@f418.n109.z1.fidonet.org
```

2462. * * Best of Net * Wayne Green * Tonight * *

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 20:48:05 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.149.01E477DE@mindspring.com>
Source record: 251661

Tune into 3975 kHz tonight and hear Wayne Green tell it like it ought to be.

Wayne will be the special guest of the BEST OF 75 NET on 3975 kHz. at 1930 Eastern. That is tonight, Sunday Night. Topics will include such things as incentive licensing and it's effect on amateur radio. The ARRL and what can be done to change it. The latest gnat droppings. See you there.

DON DON

KO4TA

2463. Wanted: TNC...Cheap.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 21:27:50 UTC
From: shane.thans@busilink.com
Message-ID: <9502261804412361@busilink.com>
Source record: 251662

Hello and thanks for reading this.
I recently had my 486 Multimeadia stolen and with it some other ham
related gear.
I am in search of a cheap tnc to set up on this 8088 that I have had to
resort to in order to stay in touch with the outside world,.
I was using a ramsey kit that I built, but it too has flown south.
I am also looking for any information on the ITTXtra 8088 computer.
If you have a old tnc that works and want to get rid of it please
e-mail me here at the following address, Thanks. Shane, N1MHN.
Shane.Thans@Busilink.Com
73's...

2464. Re: Station ID question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-26 21:47:31 UTC
From: billsohl@earth.planet.net
Message-ID: <3iqstj$6hg@jupiter.planet.net>
Source record: 251663

Paul Knupke (CS) (knupke@babbage.csee.usf.edu) wrote:
: : : Q. What callsign shall or may be used by operators of a Club-licensed
: : : amateur radio station?

: : The very question locks you into an answer! Anyone operating a club
: : *station* must use the club *station callsign*. Period. But that's
: : not really your question ...

I think that is totally false. As long as I am a licensed ham, I can
operate any "station" using my own ham callsign...including a club
station. I can operate at a friend's home or anywhere in the USA
as K2UNK using the friend's home station, an HT or whatever.

Indeed, today's current FCC licenses no longer specify any station
license at all.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

2465. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 00:53:00 UTC
From: ham.dist.net@woodybbs.com
Message-ID: <93.25595.7585.0NFB964B@woodybbs.com>
Source record: 251664

```
The following files were processed Sunday 02-26-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

TVRO TVRO: TVRO Satellite Feeds, FAQ, TVRO Listing, etc
------------------------------------------------------------------------------
TSN0226.ZIP 8,945 Tele Satellite News 02/26/95
------------------------------------------------------------------------------
8,945 bytes in 1 file(s)

Total of 8,945 in 1 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
# Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
GPTH: 6101/0 200/
GATE: 1:275/17 31c60b23 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)
```

2466. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 03:11:47 UTC
From: JBAACK31@MAINE.MAINE.EDU
Message-ID: <95057.221147JBAACK31@MAINE.MAINE.EDU>
Source record: 251665

As a member of the "X'ers" I find the pathetic attitude that most of my "fellow" X'ers have. Grow up, get a job, and for god sake get some respect! You all make me sick. "But I be not from the jungle war zone man.."

Yeah right..what ever the hell that means.

2467. Re: FCC Xed out Scanner Freqs?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 04:06:12 UTC
From: horrock@aol.com
Message-ID: <3irj3k$370@newsbf02.news.aol.com>
Source record: 251667

>I remember hearing a while agow that the FCC had made a
>set or sets of frequencys that it would not alow commpanies
>to include in any new scanners that thay made. If I remember
>corectly the reason was that these frequences had a lot of
>cellular phone activaty.

This is true - for scanners, however, radio equipment that was
classified as general coverage receivers are allowed.
Such equipment would have continual coverage from
50MHZ-1.3Gig.

2468. Does anyone know the MOD for

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 04:30:12 UTC
From: AAAT01C@prodigy.com
Message-ID: <3irkgk$rua@usenetw1.news.prodigy.com>
Source record: 251668

Hi. Can someone guide me to the Mods for the IC-P3AT? It's a 220mhz
hand held.

Thanks Ever so Much..

-
SCOTT-

2469. Re: Ohio/Penn DX Bulletin #196

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 05:30:26 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4n8Mq.1uu@news.hawaii.edu>
Source record: 251669

In article <$opdx.196.1995@ampr.org> kb8nw@barf80.nshore.org writes:

>9M0, SPRATLY ISLANDS. Another group has announced that they will be
>active from here as 9M0A, but from Layang Lagang Island, the Malaysian
>claimed part of the Spratly Islands (These islands are claimed by
>several countries).

Wow, now that's an understatement. This possibly oil-rich group of
rocks and reefs is claimed by: China, Philippines, Viet Nam, Malaysia,
Brunei, and Taiwan. It's extremely funny seeing armed Chinese solders
standing at attention in waist-deep water on a submerged reef trying
to scare off the Vietnamese and Philippino navies crusing offshore. This
will be a mean cat fight very soon. I hope those visiting hams brought
helmets!

Jeff NH6IL (The Spratly Isles really belong to Hawaii)

2470. Hamfest: Cave City, Kentucky

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 05:40:10 UTC
From: millire@wkuvx1.wku.edu
Message-ID: <1995Feb27.004010.1@wkuvx2.wku.edu>
Source record: 251670

ATTENTION HAMFEST GOERS You are cordially invited
and encouraged to attend the Mammoth CaveAmateur Radio Club's
exciting, 1995 hamfest to be held in theNational Guard Armory, Cave
City, Kentucky, March 4. There will beover 100 tables filled with new
and pre-owned equipment for you tofeast your eyes and pocket change
on! There will be testingsessions and activities for everyone,
including spouses. ticketsare $4.00 at the door, and the doors open,
officially, at 8:00a.m., cst. The talk-in frequency is 146.94/34.
SEE YOU THERE!

2471. Amateur Radio Newsline #915 25 Feb 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 07:03:24 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <yaNKlGG8y56M079yn@dorsai.org>
Source record: 251671
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Newsgroups: rec.radio.info,rec.radio.amateur.misc,sbay.hams

SB NEWSLIN @ ALLBBS $NLIN.915
Amateur Radio Newsline #915 26 Feb 1995

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FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks: FidoNet - Joe Brown, 1:2625/111
RIME - RO mail to Steve Coletti, ->35
Others - Steve Coletti (within the conference)
(Fido Netmail to 1:278/230)

- - - - - -

NEWSLINE RADIO - CBBS EDITION #915 - POSTED 02/26/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
==========

Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... Out of Service
Melbourne, FL..... (407) 259-4479

Electronic Hardcopy Version of Newsline
==========

GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

Check with your local amateur radio club to see if NEWSLINE can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[915]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following is a closed circuit advisory and not for *
(* transmission over amateur radio. Newsline needs the *
(* assistance of every listener who appreciates this service *
(* to help to keep it on the air. The Newsline Support Fund *
(* is set up separate from the on air service. It exists *
(* for the single purpose of channeling donations directly to *
(* the those providing services to the Newsline organization. *
(* The address for the Newsline Support Fund is: *
(* *
(* Newsline Support Fund *
(* P.O.Box 660937 *
(* Arcadia, California *
(* 91066 *
(* *
(* As always, we thank you for your support. *
(* That ends this weeks closed circuit advisory with *
(* Newsline Report #915 for release on Friday, February 27, *
(* 1994 to follow. *
(* *
(* *

The Following is a QST

The FCC says it wants to end its testing of computers for RFI
radiation, ham radio's super hacker is jailed and an update on the
medical condition of ARRL President George Wilson, W4OYI. All of
this and more on Newsline report number 915 coming your way right
now!

(*****
RFI CERTIFICATION

Interference to ham radio and consumer entertainment equipment may soon get a lot worse. This is because the FCC is considering permitting the manufacturers of computers and computer peripherals to market their equipment without having to apply for equipment certification and await commission approval.
Under current regulations, these devices must be FCC certified to ensure that they do not cause interference to radio services, including amateur radio. Certification requires that all measurement data and a detailed description of the product be submitted to the Commission's laboratory for review and approval. This is a process that can take 35 days or more.
But the FCC calls the current regulations particularly burdensome for small manufacturers. They say that eliminating the wait could save the computer industry some 250 million dollars a year. Also, that the proposed new authorization procedure would further align FCC requirements for personal computers with those used successfully in other parts of the world.
It all sounds good until you read the fine print. This is because the proposed new procedure as outlined in ET Docket 95-19 means that FCC authorization would be replaced by paper. By a process based on a manufacturer's or supplier's Declaration Of Conformity. In simpler terms, a letter from the manufacturer or supplier to the FCC that says a given piece of computer equipment meets or exceeds minimum standards.
But that's not all. The Commission also has proposed the option of permitting personal computer compliance to be based on tests and Declarations Of Conformity of individual components of parts without further testing of completed assemblies.
Right now, we hams are the ones who usually get the complaints. If this all comes to pass, you may soon be protesting to your neighbor about his PC wiping out 20 meters during a major DX opening!

(*****
W4OYI RECOVERY UPDATE

American Radio Relay League President George S. Wilson, W4OYI, is still hospitalized following a serious stroke that he suffered the evening of February 11th while in Washington, DC. We have this update on his condition.
We have some relatively good news on President Wilson's condition. We get it from ARRL Executive Vice President Dave Sumner, K1ZZ.

"As of Monday Afternoon, that would be February 20th, George's condition appeared to be improving. The doctors were quite optimistic that, having gotten through the most critical period, that he would continue to improve. They are gradually bringing him out of the sort of induced state of suspension they've had him in, in order to avoid further damage to the brain. It appears as if their is very little permanent damage that has been done, at least on the best assessments that they can make at this time.

So we are all quite encouraged. It sounds as if he may be able to be transferred to a hospital at his home in Kentucky in about 3 weeks." Dave Sumner, K1ZZ.

Dave adds that it is a little premature to make any final assessment, but the doctors are not ruling out that George Wilson, W4OYI may be permitted to eventually go back to work.
Get well wishes can be sent to President Wilson in care of ARRL Headquarters, 225 Main Street, Newington, Connecticut 06111 or directly to George at his Callbook address.

(*****
SUPER HACKER N6NHG ARRESTED

Convicted computer hacker Kevin David Mitnick, N6NHG is once again behind prison bars. The ham dubbed by the New York Times as the worlds most wanted fugitive hacker was arrested at an apartment in Raleigh, North Carolina after being traced there electronically by one of his alleged victims.
Mitnick, 31, was taken into custody shortly after midnight on Wednesday, February 15th by federal agents assisted by state and local law enforcement authorities. This, after an intensive two week electronic manhunt based on information supplied by a San Diego computer security professional. An expert who says that Mitnick may have been the Christmas Day hacker who robbed his computer of several security programs he had written.
The Times says it was computer security specialist Tsutomu Shimomura of San Diego's Supercomputer Labs who actually nailed N6NHG. Using his own computer expertise, Shimomura was able to determine on Saturday February, 12th that Mitnick was operating on-line using a computer and modem connected to a cellular telephone somewhere near Raleigh. Shimomura and investigators were then able to close in on the fugitive ham.
Mitnick, of Van Nuys, California was convicted in 1988 in a Los Angeles federal court on charges of stealing computer programs and breaking into corporate computer networks. He received a one year prison sentence, spent part of it in a half-way house but vanished from the area in 1992. A federal arrest warrant was issued on charges that he violated the terms of his probation.
While a fugitive Mitnick is alleged to have broken into numerous corporate and communications networks in California, Colorado and North Carolina. Investigators believe Mitnick may have caused damage to numerous files and may have stolen secret information including as many as 20,000 credit card numbers. He is also a suspect in a recent series of high profile security breaches to corporations on the Internet.
Mitnick also faces investigation by various state agencies nationwide. He is being held without bail and with very limited telephone access in a North Carolina federal detention facility until the government completes it inquiry in the case.

(*****
HACKER TRACKER TO SPEAK IN DAYTON

On a lighter note, word that computer hacker tracker Cliff Stoll, K7TA is making a return appearance at the Dayton Hamvention. Stoll, author of the best selling book The Cuckoo's Egg and the soon to be released Silicon Snake Oil will return as the featured speaker for the 1995 Dayton Hamvention Grand Banquet. Stoll wowed the Hamvention banquet audience two years ago with his dynamic and often irreverent discourse on tracking down spies on the Internet. This time around, K7TA will talk about the hype, superhype and megahype surrounding the Internet which many are trying to sell as Americas electronic superhighway.
Cliff's theme this time around is simple. He says that the Internet may be the great digital frontier, but it's a land without a soul and will never replace ham radio.
The Hamvention Banquet will be held Saturday evening April 29th at the Downtown Dayton Convention Center. For ticket information call Dayton Hamvention (513) 276-6930 and press the number 6 once you get an answer.

(*****
WINTER STORMS

Amateur radio operators in Alabama got first hand evidence of how important their emergency communications capabilities can be. That evidence came with incredible timing less than a week after hams met and pledged to work together to expand their Skywarn communications network.
The National Weather Service plans to close two of its offices in that southern state. That's expected to leave storm spotter groups in the largest cities relying on each other to relay severe weather reports to forecasters.
This was an eye opener. Here you have nearly a hundred hams from all across the state meeting to discuss working together. The hams picked a Saturday, February 11th to hold their statewide Skywarn meeting in Birmingham. Then, just five days later, deadly tornadoes strike the state right between Birmingham and Huntsville. Huntsville happens to be one of the areas that stands to be affected by the Weather Service consolidation. Lightning hits the Weather Service office in Huntsville, knocking out the radar and communications. Forecasters in Birmingham asked for help from amateur radio operators to allow the two offices to communicate. Amateur radio operators manned the Weather Service offices in each city, and used remote base technology to link repeaters in Huntsville and Birmingham together. The hams' services were needed for about two hours. But it drove home a point everyone had been discussing just the weekend before. And that point is simply that hams providing emergency communications in the state need to pull their resources and manpower together.
The middle of February was a busy time for Skywarn groups in Alabama. In less than a one week period, amateur Skywarn nets

were activated four times for everything from flash flooding to severe thunderstorms to tornadoes.

(*****
UK NEWS

From Great Britain, word that the new RSGB Liaison Officer has been appointed for Lancashire. He is Steve Ireland, G1VRH of Blackpool in Lancashire. RLO's hold a wide range of information and they are available to help any RSGB member seeking advice. Also from the UK, the Severnside Television Group 3 centimeter Amateur Television repeater GB3XG has become operational. Requests for details should go to the licensee G8VPG, whose address is correct in the RSGB Call Book.

(*****
ZL CW

Meanwhile, from New Zealand word that the NZART Council is conducting what it calls a realistic review of the amateur radio license grades in that country. Also being look at are the written examination syllabus and its structure, and the Morse code testing procedures. The NZART Council has established an Examinations Working Group to prepare the appropriate review documents.

(*****
UNCONSTITUTIONAL CABLE LAW

Closer to home, a federal law that prohibits telephone companies from providing cable television programming through in their telephone service areas has been ruled unconstitutional by a San Francisco federal appeals court.
The 1984 law was intended to prevent phone companies from dominating the cable industry. But 9th U.S. Circuit Court of Appeals says that it violates the freedom of expression. The court also says that the law appears to have outlived its purpose as well.

(*****
PHASE IIID TV

AMSAT's new Phase 3 D ham satellite is now a television star. At least some of the people putting it together are.
On February 13th, AMSAT's Phase 3D integration facility in Orlando, Florida was visited by the television show "INSIDE SPACE". Among those interviewed were AMSAT's Keith Baker, KB1SF and Dick Jansson, WD4FAB.
The discussion surrounded the AMSAT organization as a whole, its past accomplishments, and future endeavors. This, in addition to a detailed tour of the Phase 3D satellite under assembly. The program should air in two to three months on the SCI-FI channel.

(*****
BALLOON PAYLOAD FAILS

"We will be back" says the leader of the Iowa Balloon Scientists ham radio group. This, following an unsuccessful attempt to launch a balloon carrying Amateur Radio on January 21st.
Barry Buelow, WA0RJT, a spokesman for the Iowa based group says that they had hoped to loft payloads including a transmitter sending global positioning information on 446 MHz, a 2 meter packet digipeater and a 144 to 440 MHz crossband voice repeater. Buelow says that unexpected interactions between the repeater and the GPS receiver forced the team to remove the repeater from the payload.
Although the balloon ultimately was launched, the payload failed.

(*****
DX

In DX, G3MRC is active as 9Q5MRC from the Republic of Zaire. Joe has been heard operating mainly on 20 and 30 meter CW. Activity seems to be between 19:00 and 22:00z. His length of stay is unknown at this time. QSL via G3MRC.
Meanwhile LA9IY, is also active from Zaire as 9Q5IY. Bjorn will be there for three months and has been heard operating on 18.071 MHz around 16:30z. QSL via LA1K because Bjorn is not a member of the Norwegian bureau.

(*****
FUND ADMINISTRATORS REPORT

And now for a new feature. As you all know, a good part of our operating expenses are borne by a separate Newsline Support Fund. The current Administrator of this fund is our own anchorman Andy Jarema, N6TCQ. Among Andy's many talents is that he holds a CPA degree and is volunteering even more of his free time to watch over Newsline's finances. Andy feels that its time to let everyone know a bit about who is assisting in this area.

"From the state of California we heard from David Swann, KD6FJB of Santa Maria, Sam Pennosian KO6HE of San Mario, Cal Clemins, KE6HLL of Hemit, and Richard Grambsch, WA6TEM of Sunnyvale. And since we are a media source we couldn't help but notice hearing from Daniel Amoroso, NM3S from Media, PA. Clubs we heard from include the Amateur Radio Club of Anderson, CA, the Amateur Radio Emergency Council Repeater Group of West Palm Beach, FL, the Indianapolis Amateur Radio Association and everyone that supported us at the 1994 Indianapolis Hamfest.
Remember the clubs who support us get the club name, repeater callsign and service area get a mention during the newscast id break.
From our studios in Hollywood, I'm Andy Jarema, N6TCQ."

Look for Andy's report at least once a month here on Newsline.

(*****
Bill Grenfell, W4GF, SK

Some sad news to report. William S. Grenfell, W4GF, a former chief of the FCC's Amateur Branch and former chief of the Amateur Service Section has died. Bill passed away on January 27, 1995, in Vienna, Virginia. He was 82 years old.
Bill Grenfell worked for the FCC from 1940 until retiring in 1971, except for several years in the US Navy during World War II. He was an ARRL life member, a Quarter Century Wireless Association life member, a fellow of the Radio Club of America, and a member and former president of the Potomac Valley Radio Club. He was a licensed pilot and regularly flew his plane to the Dayton HamVention.
Bill Grenfell died after an illness of several years. His wife, Bernece, died earlier, and he leaves no close survivors.

(*****
W9YZE, MORSE CHAMP S.K.

Also, world famous Morse Code champ Harry A. Turner, W9YZE, died December 21, 1994, in Alton, Illinois. While in the military in 1942, Turner was clocked at 35 wpm using a hand telegraph key. In 1964 he applied to the Signal Corps for certification of his code speed record. His request was granted making him the record holder. W9YZE was 88 years old when he passed away.

(*****
BEST OF 75 NET

No you are not listening to another case of malicious interference on some Los Angeles area 2 meter repeater. Rather this is a weekly on air competition. It's found every Sunday night on the Best of 75 Meters Net. A place where representatives of all other frequencies can compete against one another to see which one has the strongest signal on the band. Literally a ham radio horse race!
But there is also a serious side to The Best of 75 Meters Net. Each week, net control station Don Simpson, KO4TA bring on a well known guest speaker over his autopatch. One of the first was W5YI VEC Administrator Fred Maia who fielded questions on a wide variety of topics including the vanity call sign program.
The Best of 75 Meters Net meets every Sunday for at least three hours starting at 7 PM eastern time. Look for it on 3.975 MHz, sit back and enjoy a grand old ham radio fun time!

(*****

And for this week, that's all from the Amateur Radio Newsline. You can write to us at Post Office Box 660937 in Arcadia, California 91066.

(* * * Newsline Copyright 1995 all rights are reserved. * * *
--

2472. Re: used isoloop-where to find?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 07:53:47 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3is0eb$11m0@info4.rus.uni-stuttgart.de>
Source record: 251649

>(Or is it so hopless, they've thrown it away, to save another amateur from
>picking it up and trying to use it?)

May be this is the answer.

A few months age, there were some postings where they said they would
give one away for free, or had given it away.

73, Moritz DL5UH

2473. Re: ANY HAM groups near Reading

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 09:16:48 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <793876608snz@microvst.demon.co.uk>
Source record: 251672
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur

In article <Pine.SUN.3.91.950226183143.11857F-100000@ssssgw01>
swubnney@reading.ac.uk "David John Bunney" writes:

>
> QSK QSK QSK QSK
>
> A big HI from G7NDI, a person who is not on the air as I don't have a
> radio! I was wondering if anyone can tell me if there are any Ham-Groups
> near Reading which I might be able to pay a visit to?
>
> Dave
> G7NDI
> swubnney@reading.ac.uk

I have copyied this to uk.radio.amateur by cross-posting so that you are
more likely to receive a helpful reply.

In case Dave can't read that group, perhaps help might come to him by email.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2474. Harvard H.A.M. folklore (new info)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 12:31:20 UTC
From: morawski@starbase.azrael.mitre.org
Message-ID: <MORAWSKI.95Feb27073120@starbase.azrael.mitre.org>
Source record: 251673

Distribution: world
Followup-To: rec.radio.amateur.misc

All --

I engaged the expertise of a friend to research the Harvard Radio Club folktale. He works for CRS, the Congressional Research Service, which has nearly everything ever produced by Congress in electronic form, fully indexed.

He found no records which substantiate the story. In particular, he found no record of anyone having those three names ever being sworn in to testify during the specified period. His reaction was that the story was likely to be apocryphal, but he invites others to confirm his result.

Please, no flames.

73,

Paul Morawski, AA3DD
morawski@ai.mitre.org

2475. Re: Spark vs. C.W. - Historical notes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 14:00:24 UTC
From: dtiller@rmc.edu
Message-ID: <3islto$e7j@gnd0.rmc.edu>
Source record: 251674

Paul H. Bock (phb@syseng1.melpar.esys.com) wrote:

: ***Commentary and excerpts on spark vs. c.w.***

: (for all you Amateur Radio history fans)

: As a side note, the FCC Regulations in the 1956 "Radio Amateur's
: License Manual" only provide for emission types A0, A1, A2, A3, A4, A5,
: F1, F2, and n.b.f.m. A0 is defined as a "steady, unmodulated pure
: carrier" and A1 is defined as "telegraphy on pure continuous wave." Not
: a spark in sight! :-)

what are "B-waves" or "damped waves"? They are "strictly forbidden" in
part 97, but I've never located a definition...could they be spark?

(Hopefully not the "bertholt rays" of star trek fame...)
--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

2476. Re: What does "QSL via CBK mean?"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 14:20:20 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3isn35$q22@crcnis3.unl.edu>
Source record: 251675

David F. Jenkins (dfjenki@ibm.net) wrote:
: Saturday I talked to a Surinam ham on 5 watts from Central Texas - what a
: thrill! He said to "qsl vea [sic] CBK but buro was ok." I see a qsl manager
: address in the callbook, but I was wondering what the "CBK meant? In typing
: this, I think I may see the answer - is he saying that the address in the
: callbook is OK?

: TIA

: David F. Jenkins
: 713/880-9500
: KK5KX (ex-KC5JRR)

"CBA"--Callbook Address
"CBK"--Callbook, though this abbreviation is less common.

I'd say you can be confident that that is what he meant. If the manager is in the US, be sure to include a SASE (self addressed stamped envelope). If outside the US, include an SAE (self addressed envelope) and something for postage. Some hams send a dollar bill (or two), others send IRCs (International Reply Coupons...available at the Post Office). Personally, I get mint stamps for the country and send an SASE even for foreign addresses...it seems to work very well...and saves the manager from licking stamps or finding ways to exchange dollars or IRCs...a problem in many countries.

Greg WB0RTK

2477. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 14:27:47 UTC
From: brunelli_pc@delphi.com
Message-ID: <xE1ZFqL.brunelli_pc@delphi.com>
Source record: 251676

Bill Horger <cjds@ix.netcom.com> writes:

>In <mvpD4H54D.L3I@netcom.com> mvp@netcom.com (Mike Van Pelt) writes:
>
>>
>>A couple of years ago, I heard that using ham radio to an autopatch to
>>(for instance) order a pizza had just been made legal, by the FCC
>>relaxing the rules. You still can't carry out *your* business on the
>>radio, of course (by, for instance, using the patch to call in to work
>>saying you're stuck in traffic and will be late) but if you have no
>>financial stake in it, it's OK.

The FCC has ruled that it is legal to make a "pizza delivery" type of call
on an autopatch, or just over the air if pizza hut starts monitoring the
local repeater ;-)
but the repeater trustee make the decision as to what use of HIS/HER
gear is permissable. So the local club can say no to "cq pizza"despite
its legality.

73 and happy eating
pete, n1qdq

2478. Re: What does "QSL via CBK mean?"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 14:40:40 UTC
From: brunelli_pc@delphi.com
Message-ID: <xE3aNuI.brunelli_pc@delphi.com>
Source record: 251677

David F. Jenkins <dfjenki@ibm.net> writes:

>Saturday I talked to a Surinam ham on 5 watts from Central Texas - what a
>thrill! He said to "qsl vea [sic] CBK but buro was ok." I see a qsl manager
>address in the callbook, but I was wondering what the "CBK meant? In typing
>this, I think I may see the answer - is he saying that the address in the
>callbook is OK?

David,

CBK = Callbook, like CallBooK
^ ^ ^
73

2479. Re: What does "QSL via CBK mean?"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 15:13:02 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.793897982@melpar>
Source record: 251578

gbrown@unlinfo.unl.edu (gregory brown) writes:

>David F. Jenkins (dfjenki@ibm.net) wrote:
>: Saturday I talked to a Surinam ham on 5 watts from Central Texas - what a
>: thrill! He said to "qsl vea [sic] CBK but buro was ok." I see a qsl manager
>: address in the callbook, but I was wondering what the "CBK meant? In typing
>: this, I think I may see the answer - is he saying that the address in the
>: callbook is OK?

>"CBA"--Callbook Address
>"CBK"--Callbook, though this abbreviation is less common.

>I'd say you can be confident that that is what he meant. If the
>manager is in the US, be sure to include a SASE (self addressed
>stamped envelope). If outside the US, include an SAE (self addressed
>envelope) and something for postage. Some hams send a dollar bill (or
>two), others send IRCs (International Reply Coupons...available at the
>Post Office). Personally, I get mint stamps for the country and send
>an SASE even for foreign addresses...it seems to work very well...and
>saves the manager from licking stamps or finding ways to exchange
>dollars or IRCs...a problem in many countries.

I do what Greg does, i.e., buy the stamps and send SASEs to
overseas QSL managers as well as stateside ones. Here is some advice
however: *DON'T* send "green stamps" (i.e., dollar bills) to foreign
hams unless you are *certain* that it is *not illegal* for him/her to
exchange foreign currency. In some countries *possession* of foreign
currency is illegal, so you may not be doing the foreign ham a favor
by sending him money.

Here's a useful checklist which confirms what Greg said and adds
a couple of items:

1) Try and find out if the station has a QSL manager *before*
QSLing direct, even if his address is in the Callbook.

2) For stateside QSL managers, send a SASE and $1.00 with yoiur
QSL. Sometimes they will return the buck, but why not givce
them a monetary pat on the back for providing a useful service?

3) For overseas QSL managers and direct QSLing to the other station,
send a SASE with correct postage in the destination country's
(manager or station, as appropriate) stamps.

4) If stamps cannot be obtained, send the correct number of IRCs as
indicated in the Callbook for the country in question (manager
or station, as appropriate). Remember, however, that while IRCs

are probably not a problem for a foreign QSL manager, a station
may be locted a *long* way from a post office where the ham can
exchange them for stamps, so IRCs can be a pain in the butt.
Always use stamps if you can, and *always* send an envelope
whichever you use.

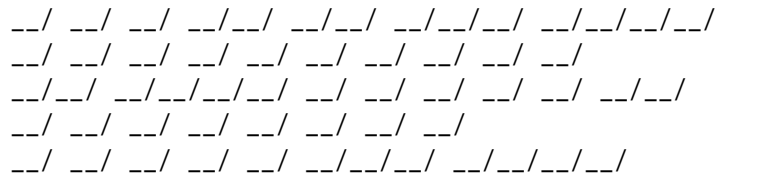
5) *DO NOT* put ham callsigns on addresses sent overseas! In some
countries, post office worker know what callsigns are and will
open the mail and steal the stamps, IRCs, money, etc., and trash
the QSL card. Use *ONLY* the name and address of the recipient,
and *ONLY* your name and address *EVEN ON THE RETURN ENVELOPE*.
NO CALLSIGNS!

6) As a last resort, or if you want to save money and aren't particularly
anxious for a speedy return (read: You don't mind waiting up to
several *years* for the QSL), or if you can't find the station's
address or a QSL manager, use the QSL Bureau(s). *CAUTION*: This
will *NOT* work if the station was a DXpedition or temporary operation
uring a contest. Usually, they have fairly unique calligns which
differ from those normally issued in the country in question, so
try *really hard* to find a routing.

7) For routings, there is lots of stuff available on BBSs, or buy
the GO LIST, and CQ Magazine does a credible job of listing them,
and you'll find some in the ARRL DX bulletins. But be warned,
sometimes it takes some digging through several sources to find
a particular route (but then, *that's* part of the fun of DXing!)

73,

Paul, K4MSG



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

2480. Re: What does "QSL via CBK mean?"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 15:29:49 UTC
From: dara@physics.att.com
Message-ID: <D4o0Dp.CGG@nntpa.cb.att.com>
Source record: 251579

David F. Jenkins (dfjenki@ibm.net) wrote:
: Saturday I talked to a Surinam ham on 5 watts from Central Texas - what a
: thrill! He said to "qsl vea [sic] CBK but buro was ok." I see a qsl manager
: address in the callbook, but I was wondering what the "CBK meant? In typing
: this, I think I may see the answer - is he saying that the address in the
: callbook is OK?

: TIA

: David F. Jenkins
: 713/880-9500
: KK5KX (ex-KC5JRR)

Dave: you've just about guessed it. I presume it was a cw contact
(fb!) and he meant to say qsl via cba (call book address).
73 Shel WA2UBK

2481. Re: Returned mail: Service unavailable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 15:37:07 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4o0pv.KEw@news.hawaii.edu>
Source record: 251580

In article <9502200854.AA04561@mail1.sjc.in.sel.sony.com>
MAILER-DAEMON@mail1.sjc.IN.SEl.sony.COM (Mail Delivery Subsystem) writes:
>------- =_aaaaaaaaaa
>Content-Type: text/plain; charset="us-ascii"
>Content-Description: Session Transcript
>
>While talking to mail1.gw.in.sel.sony.com:
>>>> DATA
><<< 554 <alstadj@ccmail.sgo.sony.co>... 550 Host unknown (No such domain (authoritative answer))
>554 <alstadj@ccmail.sgo.sony.co>... Service unavailable
>
>------- =_aaaaaaaaaa

aaaaaaaaaarrrrrrrrrrgggggggggg

>Problems you can't solve otherwise to brian@ucsd.edu.

Has anyone had success in contacting the this person?

2482. Ham Show Station List

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 15:43:33 UTC
From: lenwink@indirect.com
Message-ID: <D4o10M.K9@indirect.com>
Source record: 251581

NEW AS OF 2-14-95:
Ham Radio & More Station List:
The following list can change often....

Arizona: KFNN, 1510am, Phoenix
Conneticut: WATR, 1320am, Hartford
Florida: WFFG, 1300am, Miami, Florida Keys
Illinois: WKTA, 1330am, Chicago
WBGZ, 1570am, Alton
Indiana: WPDJ, 1300am, Huntington/Ft. Wayne
Kentucky: WMTA, 1380am, Central City
Massach: BOSTON CABLE CHANNEL 38B, BOSTON
WKPE, 1170am, Orleans
WNBH, 1340am, New Bedord, Providence
Michigan: WMKT, 1270am, Traverse City, Cadillac
Missouri: WBGZ, 1570am, St. Louis
KSLQ, 1350am, Washington
N. Carolina:WEEB, 990am, Fayetteville
WCRY, 1460am, Raleigh/Durham
WGAI, 560am, Norfolk, Portsmith
WSKY, 1230am, Greenville, Spartanburg
Nebraska: KICS, 1550am, Hastings/Lincoln
Oklahoma: KTMC, 1400am, Tulsa, Mcalester
Oregon: KBNP, 1410am, Portland
Penn: WJMW, 550am, Scranton, Wilkes Barre
Tenn: WRWB, 740am, Knoxville
Utah: K26DI,Channel 26, TV, Castledale
KYKK, 630am, Salt Lake City
Vermont: WSYB, 1380am, Rutland

Ham Radio & More is on the Talk America Network. It is aired live every Sunday at 6:00pm EST, originating from Phoenix, Arizona. It can be heard via TVRO satellite on Spacenet 3, Transponder 9, 6.8 audio. Our toll free listener call-in line is 1-800-298-TALK. The originating station number is 1-602-241-1510 for more information. Any radio station can air the show FREE OF CHARGE.

Also, be sure to check out our WWW Home Page. It has information on upcoming shows, reviews of past shows, and even theme music. It is updated courtesy of the Boston Amateur Radio Club.
Access it at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

73, Len, KB7LPW

2483. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 16:05:41 UTC
From: zlau@arrl.org
Message-ID: <1995Feb27.160541.14803@arrl.org>
Source record: 251582

PatrickMY (patrickmy@aol.com) wrote:
: How reliable is HF? I live on the East Coast of the U. S. and I have a
: friend in the Philippines. Will we be able to chat with each other over
: the airwaves anytime we please? I know that 20 meters is the way to go,
: but will it go that far?

HF is notoriously unreliable. Even big shortwave broadcasters,
run by governments with lots of land and money, cannot consistently
produce readable signals over that distance. You might buy/borrow
a shortwave radio and see for yourself how reliable signals are.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

2484. What good is code ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 16:57:39 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9502271056.ZM28369@SALCIUS2>
Source record: 251583

Hey no-code techs! (No value judgement implied here...)

Connect to your local DX Packet Cluster and see what proportion of the DX is in the CW bands, usually in the Extra portion of the CW bands. I'd say that about 2/3 of the DX is on CW.

I work DX using a low-cost vertical that my neighbors don't complain about. To have the same success rate on SSB I would need a 60 foot tower, a triband beam, and a big inverted vee, plus a building permit and a larger lot.

CW is not glamorous, and it may not be the most efficient mode, but it does have some redeeming qualities:

1. The antennas don't have to be very big to get satisfactory results on CW.
2. You don't need to re-wire your house to power a 2 kW linear amplifier.
3. There are LOTS of DX stations out there on CW.
4. Many of the DX CW operators can send NAME, QTH, RST even though they can't SPEAK English at all.
5. There's not as much intentional QRM on CW.
6. The CW bands don't seem nearly as crowded as the SSB bands once you get decent IF filters.
7. You get a higher QSL return rate from CW operators than from SSB operators.

The easiest way for U.S. hams to get DXCC is to get an Extra license and use CW. You can also ragchew with the DX without getting clobbered by DX-chasers.

I think the no-code tech license has been a tremendous boost to ham radio. Maybe the average age of U.S. hams is finally below 60 !!! There's lots of cool things you can do with a tech license besides sending packet messages and carrying an HT around. For instance you can work lots of DX on Oscar-13, which is more polite and uncrowded than the HF bands. Or you can do ATV, EME, tropo, meteor scatter, 10 GHz mountaintopping, etc.

I'm an Extra class ham, and I think techs should have more HF privileges. But there would still be lots of stations working exotic DX on CW even if there was a no-code Extra license.

73 de Wayne Estes WD5FFH (Mundelein, Illinois) wayne@csg.mot.com

2485. Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 17:05:21 UTC
From: darrick@ncc.com
Message-ID: <3it0oi$b7f@news.onramp.net>
Source record: 251584
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

I live about 25 miles from my job, out in the country. At work, we have a 128Kbps ISDN line coming in to our TCP/IP network. I spoke with my boss and he had no problem letting me connect to the net from home on a 24 hour a day basis. The problem is, where I live the phone company doesn't supply ISDN. I don't want a slow 14.4kbps link (I'm too used to the nice, fast connection at work :-)), so a regular phone line is out (plus, the phone company charges me extra just for a regular phone line!). Well...

Can I set up a WA4DSY 56kbps modem on both ends, and set up a 24 hour a day, 7 day a week internet connection for myself? This is mainly for personal reasons, although that doesn't mean I won't check on things at work from home (I'm a network coordinator at work), or download some files for work at home on the weekends, but probably 95% of everything done on that link would be for my personal enjoyment. I was thinking of using the 10gHz band for this link.

Does the FCC allow this type of transmission? Can I do it, but with restrictions? If so, what are they? If there are no restrictions, please tell me. If this is a FAQ, please excuse me. Email me if this is of no interest to others in this newsgroup. *** Followup to rec.radio.amateur.misc. ***

Thanks in advance.

Darin Arrick, KB5KHR (Advanced)

2486. Re: What good is code ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 17:33:54 UTC
From: wyn@ornl.gov
Message-ID: <wyn.280.2F520D02@ornl.gov>
Source record: 251585

In article <9502271056.ZM28369@SALCIUS2> Wayne_Estes@csg.mot.com (Wayne_Estes) writes:

>1. The antennas don't have to be very big to get satisfactory results on CW.
^^^

==========

2487. Re: "10-10 numbers" ????

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 18:18:16 UTC
From: dara@physics.att.com
Message-ID: <D4o86G.H2H@nntpa.cb.att.com>
Source record: 251586

Waldemar Kebsch (kebsch@pdb.sni.de) wrote:
: Hi,

: yesterday, the 10m band was open, I have heard a HAM from South Africa (ZS..)
: calling cq and "looking for 10-10 numbers". Because he was very weak for me
: and I am only running 100W and a groundplane, I had no change to response
: to his call and to get an answere from himself. :-(

: Is here a kindly soul who may explain it to me? My idea is, it should have
: to do with a special 10m band diplome ?????

: Have fun ..
: 73 de DK3VN
: Waldemar
: --
: Waldemar Kebsch, c/o Siemens | DK3VN (QRV on 40/20/15/10 since 9/94)

I believe it began during the mid sixties with a club in southern
California. The intent was to promote use of the 10 meter band
during a time when there was fear that it would be lost in the
same way 11 meters was lost (CB used to be amateur 11 meters).
You have to make contact with 10 members on 10 meters and you can
join the club. It goes on from there as a perpetual contest to
collect member numbers and get "awards". There are chapters
all around the US and I presume in other countries. I was active
and participated in 10-10 nets for a short while.
73 Shel WA2UBK

2488. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 18:30:50 UTC
From: sbaldwin@community.net
Message-ID: <3it5oq$7mm@odin.community.net>
Source record: 251587

Bill Horger (cjds@ix.netcom.com) wrote:
: In <mvpD4H54D.L3I@netcom.com> mvp@netcom.com (Mike Van Pelt) writes:

: >
: >A couple of years ago, I heard that using ham radio to an autopatch to
: >(for instance) order a pizza had just been made legal, by the FCC
: >relaxing the rules. You still can't carry out *your* business on the

I still feel it's wrong to do, even if the FCC relaxed the ruling.
I really feel what I see here is an eventual deregulation by the FCC
of the Amateur Radio Service. Perhaps they won't deregulate it because
of the global effect it would have, but it's just looking like it will.

The only advantage I can see, in ordering a pizza (where the old ruling
was only for fire camps or disaster relief) via autopatch, is if all the
phone lines went down, and the only lines up ARE autopatch.

Anyway, just a thought, but I got my license back in 1989 and I just
like the old way better.

73's

.....
Please Email any personal replies requiring my reading. Tnx

Scott Baldwin- N6UUH Fairfield, California

2489. Re: MFJ 10 band antenna (good/bad)

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 18:43:25 UTC
From: reichert@rtsg.mot.com
Message-ID: <3it6gd$ob1@delphinium.cig.mot.com>
Source record: 251588
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I too wanted to get the MFJ-1798 but only a few were made
and evidentily they had
problems. MFJ keeps saying the next ship date is 6 weeks
away, no matter when you call them. This started Feb. od
1994.

Looks like a Super Vapor Vertical to me!

--
\|/
^ ^
(O O)
___.ooO__U__Ooo.___
Hmmmm...Could Be!
==
| KD9JQ ex KA7IXS,WA8NBD 708-632-6669 Work |
| Charles H. Reichert 708-358-3827 HOME |
| 955 Concord Ln. |
| Hoffman Ests., IL. 60195 reichert@cig.mot.com |
==

2490. Re: FT-530 mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 18:51:05 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3it6up$noq@floyd.santarosa.edu>
Source record: 251589

Yes I would also like to see a written description of this mod. POST it soon please... Thanks

John

Dennis R. Rice (drr@dana.ucc.nau.edu) wrote:
: John Thompson (jthompso@nermal.santarosa.edu) wrote:
: : I am going to buy a FT-530 soon an I want to be able to modify it. I have
: : heard in the new ones all that is necessay is to cut a green wire above the
: : battery pack to get extended RX/TX. I had some old mod sheets which say
: : jumper 13 needs to be desoldered. Anybody know which one of these is true?
: : Email me or post here, Thanks

: I've never heard of this "green wire" mod. Does anyone have a write-up
: of the complete mod? I'm especially interested in this since I cannot
: identify jumpers in my radio, but there is a green wire joining two
: adjacent solder contacts. My radio is only a couple months old, serial
: number starts with 4C.

: --
: --
: ____
: Dennis Rice drr@dana.ucc.nau.edu
: NAU Flagstaff KC7FQD
: Northern Arizona Young Life NAU Amatuer Radio Club

: "I shall never believe that God plays dice with the world."

: Albert Einstein
: ____

2491. Re: Am i invisible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 18:51:59 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3it70f$noq@floyd.santarosa.edu>
Source record: 251590

I saw this... seems to work..
John

bob.elliott@shivasys.com wrote:

: Am I invisible? I have posted several messages (all replys) but they
: NEVER appear on the net. Sure as heck they appear sometime later with
: someone elses name on them. Not word for word but very close. Am I
: losing my mind?

: -Bob
: bob.elliott@shivasys.com

: * SLMR 2.1a * Knock firm but softly. I like soft firm knockers!

2492. Re: Wanted- RDF gear

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 18:57:44 UTC
From: tomb@lsid.hp.com
Message-ID: <D4oA08.GpH@hpcvsnz.cv.hp.com>
Source record: 251591

Greg (gpacho1@gl.umbc.edu) wrote:
: I'd like to find an inexpensive 2 meter doppler set-up.
: can anyone help me out?

Build one. About $30 of parts, more or less, depending on how
full your junk box is and how good you are at adapting other parts
to the design. See May (or was it March??) 1978 QST. I can provide
a photocopy for a SASE plus a couple stamps to cover photocopy costs,
if you have trouble locating it.

Cheers,
Tom

2493. Novice questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 19:09:55 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Feb27.130955.972@driftwood.cray.com>
Source record: 251592

Originator: jbadger@poplar110

For some time now I've enjoyed listening on an old sony sw receiver I have and on my scanner (mostly 2m/70cm). I've finally decided to go for my novice and tech licenses (yes, I plan to learn code AND use it). I've got some first radio questions for the experienced hams out there.

Bill Welsh W6DDB said in CQ (Mar. 95), "Tranceivers are primarily designed to provide mobile voice communications; they are not primarily designed to provide code (A1A radiotelegraphy) communication capability." I can understand why he says this after reading his explanation of VOX controls when using CW but He goes on to say that most transceivers are never mounted in a vehicle.

Well, I'm confused! What is a beginner to do if he's interested in DX on both CW and voice?

1. It looks like the most affordable (new) pre-fab equipment is 2m and dual-band HT's but 2m seems rather limited to me. Isn't 2m mostly local, short-range comm thru local repeaters? (I have heard locals trying DX when conditions permit, mostly late at night)

2. Would it be wise to start out with a full coverage rig (160-10 meter, new or used) or something simpler. I'm willing and capable of trying my hand at building some of my equipment but don't know what the investment in test equipment would be(?).

3. What about VHF/UHV operation with transverters? Are these still used?

4. What about 6 meter operation? I've noticed that several manufacturers are offering 160-10+6m equipment lately.

5. What about o/p power? Does lower freqs neccessarily mean higher power requirements?

Thanks in advance! (My next stop is the local radio shop and ham club.)

Jon

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

2494. Your Filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 19:13:58 UTC
From: NEEDHAME@ZIAVMS.ENMU.EDU
Message-ID: <950227121358.666d@ZIAVMS.ENMU.EDU>
Source record: 251593

SMTP%"Info-Hams@UCSD.EDU"
Date: Sun, 26 Feb 95 07:49:46 EST
From: fisherb@ccsnet.com
Subject: Your filth

#2 26-FEB-1995 22:08:18.03
MAIL

IN>No thanks - I'd rather live on the street where I can
defend myself than
IN>under a roof where my liberty is taken from me.
IN>--
IN>David Tiller | Network Administrator |
ICBM: 33d 42' 43.75"

}Spoken like a true ham (the ultimate wimp who N E E D S
a gun to be a
}man).

What in the world does this have to do with amateur
radio? Unless you are trying to use amateur radio as a
forum to promote your anti-gun bias.

____
(Burt Fisher South Dennis (Cape Cod), Mass.
)
(
)
(FISHERB@A1.mec.mass.edu
)
(FISHER@meol.mass.edu
)
(XUAB85a@prodigy.com
)
(Amateur Radio Call K1OIK
)
(K1OIK@KQ1K.ma
)
(____)

From the above, I *think* you're trying to say you're a
ham. Hmm... Does this mean that YOU need a gun to be a
man? Of course, I also see that you're in education in
the state that gave us the Kennedy family. BTW,
Kennedy's car has killed more people than my gun.

SLMR 2.1a ~ Non sequitur. Your facts are uncoordinated.

You meant this for someone else, but I think it applies to
you.

2495. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 19:19:22 UTC
From: gbelton@rs6.tcs.tulane.edu
Message-ID: <3it8jq$drg@rs10.tcs.tulane.edu>
Source record: 251594

Robert D. Calkins (wa7nuu@halcyon.com) wrote:
: I would REALLY like to see that letter. Amateur Radio Supply in
: Seattle was fined six or eight thousand dollars for merely OFFERING
: to TELL a customer how to modify an amateur radio for out of band
: operation.

: Could we have some difference here between how different FCC offices
: interpret the law?

No, Bob, I think what we have here is something else. There is a big
difference between an *individual* having a non-type accepted radio in
his possession, and a *commercial operation* providing customers with
non-type-accepted radios (even indirectly).

As a ham, my equipment doesn't have to be type accepted and the FCC isn't
going to come checking (unless I use it out-of-band). But as soon as I
start selling radios to other people, I become subject to an entirely
different set of rules.

--
"In the old days, being crazy meant something. I don't speak
Nowdays, EVERYBODY'S crazy." for Tulane.
-- Charles Manson

2496. Callsign Analyzer

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 19:33:44 UTC
From: jon@uci.uci.com
Message-ID: <3it9eo$5hs@uci.uci.com>
Source record: 251595

An experimental mail reflector which identifies callsigns within a message can be accessed by sending mail to callsign@uci.com. Your message will be returned with the country of each callsign append right after the callsign.

For example, if the message:

A32AAA DE PY3AAA K

is sent to callsign@uci.com, this message will be returned:

A32AAA[Tonga] DE PY3AAA[Rio Gran de do Sul Brazil] K

Grid locator squares are also identified and translated to latitude and longitude.

I would appreciate input in these areas:

1) The analyzer may not be up to date wrt the changes in Eastern Europe, and recent changes in general.

2) Whether the oblast information for the former USSR is still accurate. I would like to hear from someone who is knowledgable in this area.

3) Location or other information that is reflected in a country's callsigns. So far I have this information for Argentina, Brazil, Mexico and Sweden. Canada is an obvious candidate; I just haven't done it. Any others?

The source code is available via gopher at gopher.uci.com under the "Software Sources" directory with the name "call_analyzer.tar <Bin>"

--
Jon.Harder@uci.com, ng0e

2497. Re: "10-10 numbers" ????

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 20:13:18 UTC
From: cmoore@sedona.intel.com
Message-ID: <3itbou$5f1@chnews.intel.com>
Source record: 251596

In article <3ismck$m70@nanette.pdb.sni.de>,
Waldemar Kebsch <kebsch.pad@sni.de> wrote:
>
>Is here a kindly soul who may explain it to me? My idea is, it should have
>to do with a special 10m band diplome ?????

Hi Waldemar, make 10 contacts on 10 meters with 10-10 club members and
you can become a member with your own 10-10 number. Mine is 65752 so
you can see there are tens of thousands of members.

--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

2498. Re: Opinions wanted on Yaesu FT-530 ht

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 20:45:59 UTC
From: 9643bargholz@vms.csd.mu.edu
Message-ID: <0098C9D9.4CE65669@vms.csd.mu.edu>
Source record: 251597

Re: FT530. I concur with the following post:

>Ron,
> I've had an FT530 since July 93. I'm very pleased with it. It's easy to use, comes with a well designed
>manual (a rarity in amateur radio!) and is backed up by excellent support by Yaesu.
> Rick
>

I have had my FT530 for almost 6 mos. "Graduated" from an ICOM W21AT. I love my ICOM, but the keypad is way too tiny. Yaesu-ese is understandable - you don't have to be a rocket scientist to understand it! Quite popular here in 9-land.

| | There is nothing nobler or more
J. R. Bargholz | | admirable than when two people who
Marquette University | ^. .^ | see eye to eye keep house as man and
9643BARGHOLZ@VMS.CSD.MU.EDU | == * == | wife, confounding their enemies and
ARS: N9VSV | ~ | delighting their friends.
| | ~Homer

>

2499. Cease Fire into Peact Treaty

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 20:56:41 UTC
From: davev@atkc.COM
Message-ID: <9502272056.AA28439@venus.atkc.com>
Source record: 251598

In the last week, we have had a cease fire in rec.radio.amateur.misc. While there has been sporadic flamings, by and large the cease fire has held, and I think the vast majority of us have immensely enjoyed it.

We have the opportunity to turn this lull in the firing into a permanent peace if we resolve now to do so.

The process is very simple. We change rec.radio.amateur.misc to have only four acceptable types of postings:

1) Requests by individuals for information on amateur radio related topics.

2) Answers to requests for information.

3) General announcements of information for the amateur radio public. (Example: the Royal Society of Great Britain's postings)

4) Followups which give corrections to informational posted.

The key word in all of these types of postings is information. Not flame baits. Not personal attacks.

Unacceptable posts would include

* Attacks on .signature quotes

* Attacks on politics unrelated to govermental action directly affecting amateur radio.

* Attacks on any license class

* Attacks on any method of examination

* Attacks on any emission type.

* Anything that declares that a section of the amateur radio community which is obeying the laws of their governing bureau (for example the U.S.'s F.C.C.) is wrong or not a full member of that community or old fashioned or out of step with the times, etc.

All violations, even if they espouse opinions that you believe, should not be considered as acceptable. All enforcement should be by confidential e-mail message to the offending party, or by ignoring them if they do not profit from gentle corrections. Postings which highlight offenses will only lead to further offenses.

How about it? All of you that like signals instead of noise, please say "Aye."
==========
This message does not constitute any official or unofficial statement or
policy of American Turnkey or any other organization, corporation or
institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 x-207 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

2500. Re: FM repeaters for QRPers?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 21:00:36 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3itehk$4cd@yrkpa.kias.com>
Source record: 251599

Zack Lau (KH6CP) (zlau@arrl.org) wrote:
: Has anyone designed an FM repeater designed to discourage
: the running of excessive power that actually works?

: Apparently, AO-27, which only operates on weekends, has the
: same problem AO-21 did. Before the satellite became popular
: you could make a contact with an dual HT and whip antennas.
: Today, you need to run an amp with a big beam to get through
: the interference.

: Not that SSB/CW satellite operators aren't immune--Phase 3D
: will have a notch filter remove signals running too much
: power. This shouldn't disturb others elsewhere in the
: passband.

: Question is--is there a similar technical fix for FM
: repeaters?
: --
: Zack Lau KH6CP/1 2 way QRP WAS
: 8 States on 10 GHz
:The only way that I know of to do that is run lotsa satellite receivers and a low power transmitter. We've got one in Shrewsbury, PA and it works well. 50% of the users run HTs witrh mobile whips. There is hope for QRP

-= 73 =- John K3NXU

Imar@yrkpa.kias.com
D
nternet: zlau@arrl.org 10 grids on 2304 MHz

2501. Re: Online Service Killing Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 21:00:48 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <3itei0$kn1@orion.aoc.nrao.edu>
Source record: 251600

Mike Simpkins <HyperMike@aol.com> made a number of comments about ham radio, contending that online services are killing the amateur radio service. I could not disagree more.

From the lack of a callsign in his signature and from the fact that I cannot find him in the online callserver, I presume it is a safe assumption that he is not a licensed amateur. For that reason, I would suggest that much of what he says may stem from ignorance of what the amateur radio service is all about, rather than from malice. Therefore, a reasoned response, rather than reactive flaming, is called for. In addition, others similarly unfamiliar with amateur radio also may hold such views, so it is useful to answer his points.

First, Mr. Simpkins strayed from his theme to make some generalized accusations about elitism, exclusivity and bigotry among amateurs. The worst of his accusations is that of racism. I find this completely without justification. In nearly four years on the air, in hundreds and possibly thousands of QSOs on all bands from 160 meters to 70 cm, I never have heard another ham make a racist remark. Now, certainly, there are areas of 75 meters and possibly of 20 meters where one could find some bigoted rantings, but those people are a very small percentage of amateurs and not representative of the amateur community. Most of us avoid those frequencies and let that small minority talk to themselves. The service as a whole should not be judged on the basis of a small, unrepresentative minority. One could look at nearly any hobby or activity and find a few bad apples.

Though I'm sure some do, I don't personally know any hams who chew tobacco.

Mr. Simpkins contends that amateur radio "has made few concessions for accessibility issues with those who are either deaf or those with speech impediments." This is completely false. Even a completely deaf person can pass a Morse Code test. Higher-speed code tests can be waived by doctor's certificate. Accommodations include blinking lights or tactile stimulators to allow the deaf person to pass the test. On the air, the deaf and speech impaired can use a wide variety of modes, including packet, AMTOR, PACTOR, RTTY, and amateur television. These modes can be used on HF, VHF, UHF and amateur microwave bands, and offer a rewarding, lifetime hobby for their practitioners.

Now, to the basic theme of Mr. Simpkins' post -- that online services render amateur radio obsolete. This contention overlooks

the principal difference between such services and amateur radio. When using an online service or the Internet, you are a consumer; when using amateur radio, you are a participant.

A week or so ago, I worked stations in Europe, South America, Africa and China. I was using a 5-watt transmitter and a wire antenna. That was enjoyable, rewarding and satisfying. Now, I could have sent e-mail to most of those countries, looked at Web pages from many of them, or picked up the telephone and talked to someone in each of them. As any ham knows, that just wouldn't be the same thing. As long as people find it exciting to do such things with equipment in their own homes, without the benefit of untold thousands of technicians maintaining their network links, amateur radio will have a place as a rewarding pastime.

If Mr. Simpkins or anyone else cannot understand the difference between amateur radio and use of commercial communication services, they should find a local ham and ask to sit in while the ham makes some contacts, perhaps on HF, VHF weak-signal, or via amateur satellites. I'm sure that few people will go away from such an experience without knowing the difference.

Though many hams did indeed memorize their way to a license, they at least learned something. Even amateur "appliance operators" probably know more about their radio and how it works than the vast majority of home computer users know about their machine.

Another role amateur radio has to play is in education. It provides the crucial element of hands-on experience for young and old alike who want to explore the world of science and technology. I work in an environment filled with scientists and engineers -- and many of them will happily tell you they were first inspired toward their careers by amateur radio. Most people who pursue careers in science and engineering will agree that what gets young people excited about these fields is not reading or listening to lectures, but actually getting your hands on some equipment and making it work. Amateur radio is an excellent way to encourage budding technical professionals.

Amateur radio not only helps young people enter technical careers, but it also serves as a vital interface between people in technical careers and those in non-technical careers. Since the world is an increasingly-technical place, anything we can do to improve the technical literacy of the workforce is good for the nation. In our local licensing classes, we've consistently drawn people with no technical background at all who develop a curiosity about not only radio but other technical subjects. In this way, ham radio has expanded their intellectual horizons and possibly made them better workers, managers and voters.

I'm glad that Mr. Simpkins at least acknowledges that ham radio still has a role to play in emergencies. Though online services

can sometimes contribute to communications in an emergency, amateur radio will be a valuable resource in emergencies for many years to come. Its value comes from the fact that hams who prepare themselves for emergency service are a completely self-sufficient communications resource. Commercial services still largely rely on a surviving infrastructure; hams plan to work without infrastructure.

The evidence contradicts the assertion that amateur radio's numbers are dwindling. With the no-code license, the service is growing at a healthy rate, and those who enter by this route are participating in public-service events, serving in their local clubs, and upgrading their licenses in large numbers. As the use of new digital modes and the numbers of amateur satellites increase, the scope of amateur participation and experimentation increase. New manufacturers offering ham gear, new ham publications, new ham stores and swelling local radio clubs are hardly the sign of a dying hobby.

Finally, try to say that amateur radio is obsolete to a classroom full of schoolkids who just talked to an astronaut aboard the Space Shuttle on 2 meters.

Dave Finley, N1IRZ

2502. Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 21:36:04 UTC
From: delaney@j51.com
Message-ID: <3itgk4$4am@tzlink.j51.com>
Source record: 251601

I'm a Tech. (been for 3 years) And during that time I've tried to "learn" morse code. I have a learning disability that make hearing the code strings very hard. I can actully learn the code and if I see it is not a problem, but I can't distingush the strings of code. I know that a sending test can be substuted for the standerd recieving test. I think that would not be a problem for me. What do I need to do to get the change to a sending test at a VE session. Do I just need to take a letter from doctor to them, or do I send it to the FCC, or what? I would love to be able to decode the code as I hear it, but I can't. Is there also a testing mod that it can be reduced to more spacing between each letter? The problem I have is that I can hear the code, but by the time I become aware of what I heard, I've already missed the next character or two. (Like if someone says something to me, I say "what?" and then a sec or two later realise what they said to me) I think it might be Attention Deficit Disorder. I have no trouble with the written exams (I passed the tech 54/55), and I could eaSlly goto the extra class, it's just the code that stops me, and it is really fustrating to not be able to do it.
ANY help would be extreamlly appricated.
73s de Matt N2MDB

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2503. Re: FT-530 mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 22:30:01 UTC
From: kgk@nwu.edu
Message-ID: <kgk-2702951630010001@kgkmac.repoc.nwu.edu>
Source record: 251602

In article <3iqoop$3t4@floyd.santarosa.edu>, jthompso@nermal.santarosa.edu (John Thompson) wrote:

> I am going to buy a FT-530 soon an I want to be able to modify it. I have
> heard in the new ones all that is necessay is to cut a green wire above the
> battery pack to get extended RX/TX. I had some old mod sheets which say
> jumper 13 needs to be desoldered. Anybody know which one of these is true?
> Email me or post here, Thanks
>

Yes that's the Green wire. If you took apart the radio as per the mod instructions, you will see the green wire connects to the jumpers the original mod tells you to unsolder. All you need to do is to cut the geen wire (I cut 1/4" from the center and put heat shrink over the ends) and put heat shrink or as someone suggested to me a drop of glue over the ends.

You may also be able to access the wire by only removing the bottom plate (where the battery contacts are) and getting to the wire from there. I took apart the whole radio as per the old mod. You also need to reset the radio as per the mod after completion.

If your not sure of what mod I am refering to, It's the one from the oakland ftp site. I just substitiuted the green wire cutting part instead of unsoldering the jumper. I guess Yeasu go tired of repairing botched circuit boards and put in the wire.

Remember to cut the correct green wire, my radio had a couple, but only one in the area of the mode and the wire is streatched out and unsoldered from one end would be about 3" long.

Regards

Ken

-- _--
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__] ___/__ |
Prosthetics Research Laboratory |__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 1st Lyons Composite Squadron - Red Fox 407

2504. Re: K1MAN "hamgate"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 22:48:49 UTC
From: lthfbjk@northstar.k12.ak.us
Message-ID: <lthfbjk-2702951248490001@137.229.10.225>
Source record: 251603

In article <2a6.6858.545@acenet.com>, brian.carling@acenet.com (Brian Carling) wrote:

> I thought you guys would like to see this since KO4TA has posted some
> controversial messages about K1MAN lately. Here is Glenn's response.
>
Text deleted.

I am far away from the controversy, but am curious about it. The reply by K1MAN ignored the most pressing question that I have:

How can anyone "claim" a frequency?

If I were to be on the frequency used by K1MAN ten minutes before he began his talk show, wouldhe alow me to continue my contact or would he expect me to get off the air. It is my understanding he would expect me to get off, and if that is true, I would side with those who disagree with him. Perhaps you could clarify for me.

--
Bud Kuenzli, North Pole Alaska

2505. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 23:28:54 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4oMK6.61t@news.hawaii.edu>
Source record: 251604

patrickmy@aol.com (PatrickMY) writes:

> And if you wonder why I have no experience, it is because I am limited
>by my no-code
>Technician license, the highest rank a technically educated but Morse
>illiterate ham can acquire.

You should thank us for providing a non-coded license for you!

Seriously, 1 to 2 weeks of 15-minute daily study will get you easily up
to 5wpm so you can get HF privileges. Then you can conduct your own
propagation experiments.

>The question I face is whether or not it is worth the time and
>effort to learn a
>cumbersome, antiquated, inefficient, time-wasting, Stone Age mode of
>expression in a world that has entered the Information Age.

Depends upon how badly you want to get on HF. Watch 15 minutes less
TV each evening for two weeks to get your code speed to 5wpm and
a whole new world of radio will await you.

Antiquated mode? I'm beginning to think that these folks who keep chanting
this do not have access to an HF receiver. They just keep mimicing what
others on here (also apparently without an HF rcvr) also chant.

> It is, of course, a question
>of personal
>preferences, but I'm beginning to think that the privilege awarded by
>passing the code test,
>which would be to talk to other hams who can operate on HF, may not be
>worth it--

15 minutes less TV daily for 2 weeks to gain worldwide communications
may not be worth it? You must value your TV-watching more than wanting
to get on HF! Okay, then just practice the code during commercials.
Certainly you don't think more highly of commercials than learning the
code, right? Right??

>But on the other hand, you must be a master of logic, and I, a dim-witted
>buffoon,

No, I would go that far; but maybe your priorities need adjustment.

>Arrogance, ignorance and intolerance are behind almost every evil known to
>man.

The most evil in our society are the criminals killing innocents in the
streets - which catagory above do they fit into?

> History abounds with wars, atrocities, and other human
>catastrophes that are
>testament to this. The Spanish Inquisition, which branded Galileo Galilei
>a heretic for his
>findings on gravity, was created by the same arrogance, ignorance and
>intolerance that
>dominates the wars over the no-code issue.

I think you might have wondered out of the ballpark comparing the
code debate to wars, atrocities, and catastrophes!

Now go to work on that code!

Jeff NH6IL

2506. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 23:37:46 UTC
From: kato@qnet.com
Message-ID: <3itnoa$os7@mandolin.qnet.com>
Source record: 251605

Nice personal attack... written like a true wimpy ham.

In article <30961TKTKOOADOCMTSH@ccsnet.com>, fisherb@ccsnet.com says...
>
>
>IN>No thanks - I'd rather live on the street where I can defend myself
than
>IN>under a roof where my liberty is taken from me.
>IN>--
>IN>David Tiller | Network Administrator | ICBM: 33d 42'
43.75"
>
>
>Spoken like a true ham (the ultimate wimp who N E E D S a gun to be a
>man).
>
> _____
> (Burt Fisher South Dennis (Cape Cod), Mass.)
> ( )
> (FISHERB@A1.mec.mass.edu)
> (FISHER@meol.mass.edu)
> (XUAB85a@prodigy.com)
> (Amateur Radio Call K1OIK)
> (K1OIK@KQ1K.ma)
> (_____)
>
>---
> • SLMR 2.1a • Non sequitur. Your facts are uncoordinated.
>
>
>--
>**
>* Message Sent From: CCS WORLD Cape Cod's Internet Address *
>* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
>* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *
>

2507. Re: 13th Gen aliax Generation X

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 23:42:04 UTC
From: kato@qnet.com
Message-ID: <3ito0c$os7@mandolin.qnet.com>
Source record: 251606

Nice martyr angle.
ke6anm perry

In article <199502261616.LAA00410@penny.n2wx.ampr.org>, hg@n2wx.mpcs.COM says...
>
>sorgatz@avatar.tti.com (Erik K.Sorgatz) wrote:
>>
>> Your second question is easy; Generation X is the title the newsmedia
>> maddogs
>> have hung on the Post-BabyBoomer group. They are special in
>> many respects, only the least significant of which is the fact that their
>> chances to be gainfully employed are totally overshadowed by the lack of
>> any
>> interest by Industry in hiring most of them. Apparently the educational
>> has
>> failed to properly meet their needs. They can barely string a coherent
>> sentence
>> together, and their spelling is atrocious!
>
>Actually the post-boomers are afflicted with an employment ladder occcupied
>by sanctimonious boomers, industry offering few employment opportunities
>other than flipping burgers, and an economy saddled with oldster's extracting
>transfer payments out of the youths' tiny paychecks to pay for yet another
>round on the links.
>
>The rot about incoherence and spelling is the customary slander typical of
>those holding contempt for youth. Even if one assumes for argument's sake
>the Xers appear incoherent and can't spell, who is to blame? Why those same
>self serving folks who mismanaged the schools they sent their children too.
>Shame.
>
>One positive note: The Xers will save this country. Too bad they'll suffer

>through stones and arrows the entire time.
>
>But we stray from amateur radio...
>
>Howie N2WX
>Hanging on the bleeding edge of the 13th gen

2508. Re: Station ID question

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-27 23:54:33 UTC
From: drt@world.std.com
Message-ID: <D4onqx.3CA@world.std.com>
Source record: 251607

Bill Sohl Budd Lake (billsohl@earth.planet.net) wrote:
: Paul Knupke (CS) (knupke@babbage.csee.usf.edu) wrote:
: : : : Q. What callsign shall or may be used by operators of a Club-licensed
: : : : amateur radio station?

: : : The very question locks you into an answer! Anyone operating a club
: : : *station* must use the club *station callsign*. Period. But that's
: : : not really your question ...

: I think that is totally false. As long as I am a licensed ham, I can
: operate any "station" using my own ham callsign...including a club
: station. I can operate at a friend's home or anywhere in the USA
: as K2UNK using the friend's home station, an HT or whatever.

: Indeed, today's current FCC licenses no longer specify any station
: license at all.

The FCC no longer specifies any station *location* at all. The
station license is specified in spades - by the callsign entered on
it.

What you say is quite true, as far as it goes, but you may be missing
my point. I think we've long since entered semantics. Let me
clarify. Every amateur station (as well as every amateur control
operator) must be licensed. If you are using someone's station, you
are the control operator, but the other person is the station licensee
- that being the case, you have to use the callsign on his station
license, not yours. If, rather than using his station, you simply
borrow his equipment, you are both the control operator and the
station licensee, so you use your callsign. Which it is alters such
things as who gets the QSL, who gets the FCC citation, and so on.
Whether you borrow his equipment or use his station depends *entirely
upon him*. It's his call (so to speak!), not yours. Borrowing
equipment is very common, and quite legal, but if he says he doesn't
want you to use your callsign, for whatever reason, you have to use
his and not yours - after all, it's his radio. He can do that.

Technically, if you're using someone else's station, you by definition
cannot be using your callsign, because every station must identify
with its own assigned call. If you use your call, it's really your
station, even if it's someone else's radio.

-drt
--

|David R. Tucker KG2S drt@world.std.com|

2509. IPS Daily Report - 27 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:01:16 UTC
From: rwc@ips.oz.au
Message-ID: <3itp4c$8tr@flare.syd.ips.oz.au>
Source record: 251608
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 27/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 27 FEBRUARY AND FORECAST FOR 28 FEBRUARY - 02 MARCH

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 88/32

GOES satellite data for 26 Feb
Daily Proton Fluence >1 MeV: 3.5E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 3.9E+06 (normal)
X-ray background: A4.8
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
28 Feb 01 Mar 02 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 28 Feb: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled with active levels
12-15 UT and 18-24 UT.

Estimated Indices : A K Observed A Index 26 Feb
Learmonth 19 3333 4344
Fredericksburg 20 11
Planetary 23 12

Observed Kp for 26 Feb: 1343 3323
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
28 Feb 20 Mostly unsettled to active with isolated minor
storm levels possible.
01 Mar 15 Unsettled
02 Mar 10 Quiet to unsettled

COMMENT: IPS Geomagnetic Warning No 5 will be issued shortly.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
27 Feb fair-normal fair-normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
28 Feb fair-normal fair-normal poor-fair
01 Mar fair-normal fair-normal fair-normal
02 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
27 Feb 10 Near predicted monthly values with sporadic E
observed 07-08 UT, 13 UT and 21 UT.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
28 Feb -15 Near predicted monthly values to 30%
depressed. Sporadic E and spread F
may affect night circuits in particular.
01 Mar 15 Near predicted monthly values
02 Mar 25 Near predicted monthly values
COMMENT: IPS HF Communications Warning No 8 will be issued
shortly. MUFs at Townsville were depressed 20-30% 00-09 UT,
then near predicted monthly values. Sporadic E observed
01-03 UT and 18-19 UT. Hobart MUFs were near predicted monthly
values with spread F observed 09-18 UT.
--
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

2510. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:13:03 UTC
From: richwood@commspec.com
Message-ID: <7771-262076002@commspec.com>
Source record: 251609

IS> I know a lot of engineers that got their no-code techs to build
IS>things, I think a required CW test would prevent many of them from getting
IS>the no-code in the first place.

Shawn,
CW serves a greater purpose. It gives a garbage collector an
opportunity to feel superior to a physicist.

Rich
KF2JO

2511. used isoloop-where to find?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:13:03 UTC
From: richwood@commspec.com
Message-ID: <7771-262073201@commspec.com>
Source record: 251610

IB>I am looking for a used Iso-loop and have not seen any at local hamfests.
IB>Any suggestions on where to find one? 73 de AA2TF!

I have one for sale. Never used. Still in the original box. I'm in New
York.

Rich
richwood@commspec.com

2512. * * Best of Net * Wayne G

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:14:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7111.545@acenet.com>
Source record: 251611

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DS>Tune into 3975 kHz tonight and hear Wayne Green tell it like it ought to be.

DS>Wayne will be the special guest of the BEST OF 75 NET on 3975 kHz. at 1930
DS>Eastern. That is tonight, Sunday Night. Topics will include such things
DS>as incentive licensing and it's effect on amateur radio. The ARRL and what
DS>can be done to change it. The latest gnat droppings. See you there.

Hey DOn DOn - a pity that your m essage arrived here a day late!
Otherwise I would have loved to listen in and see what the ol'
curmudgeon had to say! I used to read 73 a lot back in the mid
1970s when he was holding forth at his feistiest!

```
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|\| (o)(o) |/|
---.OOOo----oo----oOOO.---
| |
| Brian Carling |
| Radio AF4K |
| Gaithersburg, MD |
| |
| brian.carling@acenet.com |
| |
|_____________Oooo._____|
.oooO ( )
( ) ) /
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\_)
```

• SLMR 2.1a • He who dies with the most toys has his reward in full.

2513. PC Boards Needed For Homebrew Project

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:16:27 UTC
From: magliaco@pilot.njin.net
Message-ID: <3itq0r$sbd@pilot.njin.net>
Source record: 251612

I developed a neat ham radio related project last year using perforated circuit board construction techniques. Although the project works fine for me, there are others who would like to duplicate the project. I may want to make kits available due to the interest in this project.

Are there any (low-cost) ways of having PC boards made up these days? I used an old version of OrCAD to prepare schematics for the project. In fact, it's drawn as four separate drawings. My version of OrCAD doesn't generate PC boards. :-(

By the way, we're looking at a circuit with 12 chips, most are 14 pin DIPs, one 16, and one 8, about 90 1/4-watt resistors, and about 20 small caps. The circuit works in the AF range, so the board material and parts placement isn't very critical.

Any hints?

Thanks in advance.

73, de John, KD2BD

--
John A. Magliacane, KD2BD * /\/\ * Voice : 1-908-224-2948
Advanced Technology Center |/\/\/\| Packet : KD2BD @ KS4HR.NJ.USA.NA
Brookdale Community College |\/\/\/| Internet: magliaco@pilot.njin.net
Lincroft, NJ 07738 * \/\/ * Morse : -.- -.. ..--- -... -..

2514. RE: NEED ADVISE ON REPARI

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:28:12 UTC
From: goodwin@kaiwan009.kaiwan.com
Message-ID: <3itqms$j0s@kaiwan009.kaiwan.com>
Source record: 251613

gbaron>Path:
gbaron>kaiwan.kaiwan.com!wetware!nntp-hub.barrnet.net!olivea!charnel.ecst.csuchico.edu!nic
-nac.CSU.net!usc!howland.reston.ans.net!news.sprintlink.net!news.isl.net!tariq@sparc.isl.n
et
gbaron>From: gbaron@sparc.isl.net (Gilbert Baron)
gbaron>Newsgroups: rec.radio.amateur.misc
gbaron>Subject: Re: Need advise on reparing old crystal set
gbaron>Date: 25 Feb 1995 13:02:36 GMT
gbaron>Organization: W0MN
gbaron>Lines: 14
gbaron>Message-ID: <3in9pc$eb@news.isl.net>
gbaron>References: <3igrot$aia@fun.Direct.CA>
gbaron>NNTP-Posting-Host: sparc.isl.net
gbaron>Mime-Version: 1.0
gbaron>X-Newsreader: WinVN 0.93.14
gbaron>Xref: kaiwan.kaiwan.com rec.radio.amateur.misc:75881

gbaron>In article <3igrot$aia@fun.Direct.CA>, leonard@Direct.CA says...
>
>I just picked up a old crydtal set. But the detector is broken, the wisker has
>

gbaron>It may be difficult to find a new detector. If you want it to look the
gbaron>same take it out of the circuit and replace it with a silicon diode and
gbaron>then repair it to look well physically even if electrically it does not
gbaron>work. The detector is nothing more than a diode in effect.

Antique Electronic Supply (602-820-5411) carrys "cat's whiskers", three for
$1.30. They also carry mounted galena crystals for $2.00, as well as two
complete crystal detectors, at $6.95 and $15.00.

73 de Larry, KC6WOG

 MR/2 2.03 NR We secretly replaced the dilithium with Folgers Crystals.

2515. Re: Jeff Angus and Hitler quotes in rec.radio.amat

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:33:50 UTC
From: douglas213@aol.com
Message-ID: <3itr1e$f5i@newsbf02.news.aol.com>
Source record: 251614

Subject: Re: Jeff Angus and Hitler quotes in rec.radio.amat
From: georgec@pic.net (ME)
Date: 26 Feb 1995 17:55:42 GMT
Message-ID: <3iqfau$d3g@gandalf.pic.net>

>>Why is Nazi war memorabilia so often sold at gun shows? Well here is what
>>I believe: I think that the nazi stuff sells so well at gun shows because
>>the beeganwhacters are trying to divert our attention from the abductions
>>and the tweet-tweet signal disrupting communications. Better to look up at
>>the enemy instead of dead people. Yom.

SORGATZ Writes:

2516. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 00:34:12 UTC
From: douglas213@aol.com
Message-ID: <3itr24$f65@newsbf02.news.aol.com>
Source record: 251615

Erik K. Sorgatz writes:

Subject: Re: Mods
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Wed, 8 Feb 1995 01:07:30 GMT
Message-ID: <1995Feb8.010730.16409@ttinews.tti.com>

In article <3gu307$l71@newsbf02.news.aol.com> swrd@aol.com (Swrd) writes:
>Looking for CB Modifications,
>
>Thanks
> JP

Take your rig, and a 12 lb hammer...smash a 4" hole thru the case..makes
a dandy ashtray or decorative planter!

Stay on the assigned 40 channels...if you know whats good for you! I mean
it!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+-----------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405
+-----------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
MANAGEMENT!)

****
****
****
Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Mon, 6 Feb 1995 18:44:31 GMT
Message-ID: <1995Feb6.184431.25572@ttinews.tti.com>

In article <3gmkk6hhv1@mhade.production.compuserve.com> Carl Robbins
<75230.2407@CompuServe.COM> writes:
>
> Okay... Since these are "Type accepted" who does the Type
>accepting? USA? France? USSR???? Gee, and here I thought
>we had entered into a free trade society.
>

A certificate of Type Acceptance is granted to a piece of equipment, by
the
FCC and only for a particular service. Hence, linear amplifiers designated

as legal for Amateur use, may not legally be used on CB. Even though they are "cleaner" in the sense of their spectral emission and their harmonic content - or lack thereof.

Radio transmitters too are granted a certificate of Type Acceptance, hence
those Rangers, RCI-29xx's, Galaxy's, etcetra. Are not legal CB rigs because
they do not conform to the rules regarding the design and features that a legal radio must have. (40 channels and no provision for user-expansion, am or ssb modes only, no fm or cw...etcetra.)

> I would never ask ANYONE to leave this forum. Having
>too much fun with them. :-) I will say, if NO ONE used amps, it
>would be better for all of us, but since that is not the case,
>I'd like to be heard at some point....
>

Very well. I am asking the people who advocate power and illegal radios to

leave..or change the group's charter, or build a new newsgroup. That's where
I'm coming from; play by the rules. CB amps nominally sound bad, splatter, cause adjacent channel interference and tvi. There is very little reason to
have one. If you cant be heard with 4 watts am or 12 watts PEP ssb mode, you
must have some other problem with your installation...or you are operating in
some kind of Urban CB Jungle...with a lot of high-powered, overmodulated and
broadbanded stations all transmitting over oneanother...the typical Alligator
Station!

Receive pre-amps do more good...

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
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****
****
****

Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Tue, 7 Feb 1995 18:30:15 GMT

Message-ID: <1995Feb7.183015.9834@ttinews.tti.com>

In article <3FEB199507180049@wild.ucis.vill.edu> s7000a@wild.ucis.vill.edu (SANDBAGGER) writes:
>
>While most hams are probably legally operating, I'd be willing to bet that
>there are many who have a few illegally modified rigs on the side to do
>a little descrete "communicating", where they shouldn't be. Heck I know
>a bunch of them , and they didn't all come from the CB ranks.
>

First off, there is no such thing as an "illegally modified rig" when the

service in Amateur Radio. We can do ANYTHING we LIKE when it comes to the frequency coverage, totally legal. That pretty much burns your ass dosent it Dave?

Go re-read part 97...there's a reason Amateurs are given this latitude in the service of their country. There's also a little matter of having signed
for a license that keeps most hams away from illegal activities, the FCC knows just exactly where we are, and who we are - unlike the 11m crowd.

Then go re-read part 95, and the rest of the Communications Act of 1938 Amnd.
you'll discover that transmitter modifications in MOST radio services are deemed the province of licensed service personnel - only the Amateur Service
is allowed to fiddle and experiment; it's a part of our charter. Face it, CB
is a radio-user's community...kinda like making toast or running the washer!

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+-----------------------------+
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Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Tue, 7 Feb 1995 18:44:22 GMT
Message-ID: <1995Feb7.184422.10144@ttinews.tti.com>

In article <3FEB199507253726@wild.ucis.vill.edu> s7000a@wild.ucis.vill.edu (SANDBAGGER) writes:
>
>Hams are allowed and encouraged to modify and tinker, BUT NOT IF IT IS TO
>TRANSMIT ON A SERVICE THAT THEY ARE NOT AUTHORIZED! There is nothing legal
>about modifying a rig to transmit outside of the ham bands. Most VHF bands
>that are adjacent to the ham bands require type accepted equipment to be used
>there. So even if you were a licensed user of a frequency in the VHF or UHF
>business bands, you could NOT legally modify your ham rig to run there.
>
>One of the most requested pieces of information, I see on the ham sections,
and
>on my packet PBBS are requests for frequency mods. WHY? Are there THAT many
>hams in CAP? I don't think so. Hams are no more "golden" than CBers. There
>are good and bad in either service.
>
>
>
>Dave
>

Get a life, SoreAss, the reason to modify (for instance) an HF transmitter for full
coverage transmit, is to permit the transmitter to be used as a RF signal generator! Something *you* wouldn't understand the real usefulness of unless
you regularly service radio gear!

As for transmitting on frequencies not autorized by Part 97, hams are also
forbidden to do so, but they are not forbidden to modify their equipment to
do so; the crime dosent exist until they actually key up on-the-air! For CBers
ANY MODIFICATIONS made to the transmitter render the equipment unfit for service because it is now NON TYPE-ACCEPTED! Get this thru your heads people!

The mere possession of non type-accepted equipment by a CBer is a crime, the
FCC views the ownership of such things as an RCi-2950 or a linear amp as being
evidence of use. Call the FCC in Gettysburg and ask them! A Field Engineer can
confiscate your non type-accepted equipment under the laws contained in

Part
95 and you have no recourse whatsoever! Face it, on 11m you're a user, an
appliance operator, just like the users of Marine Band radios, just like
the
average cellular telephone user.

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
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****
Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Mon, 6 Feb 1995 18:44:31 GMT
Message-ID: <1995Feb6.184431.25572@ttinews.tti.com>

In article <3gmkk6hhv1@mhade.production.compuserve.com> Carl Robbins
<75230.2407@CompuServe.COM> writes:
>
> Okay... Since these are "Type accepted" who does the Type
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Receive pre-amps do more good...

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****
****
****
Subject: Re: Echo Mic's and other noise makers-Why?
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Tue, 7 Feb 1995 18:19:59 GMT
Message-ID: <1995Feb7.181959.9545@ttinews.tti.com>

You're a sick little puppy! Why not consider a career in door-to-door
sales?
You Jerk!!

****
****
****
Subject: Re: Mods
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Wed, 8 Feb 1995 01:07:30 GMT
Message-ID: <1995Feb8.010730.16409@ttinews.tti.com>

In article <3gu307$l71@newsbf02.news.aol.com> swrd@aol.com (Swrd) writes:
>Looking for CB Modifications,
>

>Thanks
> JP

Take your rig, and a 12 lb hammer...smash a 4" hole thru the case..makes
a dandy ashtray or decorative planter!

Stay on the assigned 40 channels...if you know whats good for you! I mean
it!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
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(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
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****
****
****
****
Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 27 Jan 1995 19:43:55 GMT
Message-ID: <1995Jan27.194355.29884@ttinews.tti.com>

>Mr. Sorgatz, please stop picking on me! You are a big CitiCorp Executive
and
I am just a service >station attendant.
>I really like CB Radio and I'm just trying to talk to others with an
interest in CB. Maybe you would be >happier> in the Ham Forum.

>Sincerely, Brad Douglas

-- -- --

Excuse me, but some of us here are lawabiding citizens and the very notion
of tolerating the perpetration of a FELONY smacks of irresponsibility! If
you want to go on record here as being in favor of allowing someone to do
a felony, right out in the open - then I would suggest that you are *not*
a lawabiding citizen...perhaps you are a criminal, or perhaps you are a
criminal-behaviour tolerant individual.

In any case, I seriously doubt that aol would like to discover that one
of their customers was abusing his or her access to the Internet by being
in essence, a criminal co-conspirator, and that is exactly what the laws
regarding such behaviour describe.

Additionally I'd like to point out that the name of this group is

'rec.radio.cb'

And the charter includes many things, but not one of them has anything to

do with illegal activities. For those sorts of things, you should be
reading
'rec.radio.pirate'. Also..do yourself -and the group- a favor, read the
FAQ.
Linear amps are a discussed no-no. Plain and simple, Honey - You're out of
line here! You ignorant gas-pumping scum!!!!!!!!!!!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+-----------------------------+
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****
****
****
****
Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Mon, 30 Jan 1995 21:32:48 GMT
Message-ID: <1995Jan30.213248.21500@ttinews.tti.com>

In article <3g4aum$9qn$1@mhade.production.compuserve.com> Carl Robbins
<75230.2407@CompuServe.COM> writes:
>Who's the jerk here????? I guess your just a "cell phone
>scanning" Ham radio operating helluva guy!
>
>Gee, since this network goes WAY BEYOND the USA, I'm sure he has
>them for sale for "export only".
>
No. Linear Amps capable of operating in the 25-28 MHZ region, even if
they
are designed for export sales, must carry a type-acceptance cert or they
are
declared to be contraban.

Henry Radio Inc makes amps that will do 1, 2, 3, 4, 5 or 8 KWatts out on
these
frequencies...but they ARE type-accepted and cannot be sold in the US.
There
is
a special audit that takes place on these sorts of manufacturing outlets
on a
yearly basis.

The junk that Mr. David Paul was offering was the typical
transistor-trash
that passes for a linear amp on the CB band...and BTW, I dont think you
guys
can make a real case for asking someone to leave this newsgroup, just

because
they happen to have an Amateur Radio License in addition to being and
having-
been a CBer...matter of fact is that some of us have been doing CB since
some
of you younger-folk were having 'Mom" for 3 meals a day! I went through
the
Impression; you didn't!!!!!

So respect yer Elders...ya hear, snotnose!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
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****
****
****
Subject: Re: Linear amps available
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
Date: Fri, 3 Feb 1995 02:54:18 GMT
Message-ID: <1995Feb3.025418.23085@ttinews.tti.com>

In article <uNGBliubGUYA066yn@access.digex.net> domonkos@access.digex.net
(Andy Domonkos) writes:
>>
>Yeah, law abiding right, then why are so many hams always looking at
modifying
>their rigs to go out band? Why is the FCC hunting you guys that mess
>with all the fast food VHF/UHF systems? They're not CB'ers with
>linears and modified rigs, that certain. Look at the modification
postings
>in the rec.amateur groups. And don't give me that 'MARS' crap. No one
>in my local EOC center even modified his gear, the county gives us the
>equipment we need for public service emergency comms.
>
>What most hams are practicing is a 'do as I say and not as I do'
attitude.
>
>If you don't like what you see here in the CB newsgroup, unsubscribe!
>Don't lurk waiting to pounce on anyone looking for info/advice.
>Either way, I'll make good use of my kill file to filter all your crap
out
>anyway.
>
>

Uhm Andy, hams are allowed to modify their gear, build and modify transmitters
in any combination of frequencies BECAUSE learning the science of radio and
experimenting is a part of the Amateur Service's charter! We're actually
encouraged to do so. CB is a utility/user service, and such tinkerings
are not a part of it. As for me unsubscribing, nope, I'm calling to task
everyone of the freebanders, bootleggers, linear sellers, linear and non-
type approved users and I'm saying, POINT BLANK: Get out of here! This is a
newsgroup chartered to discuss legal CB ops, rigs and etcetra. NOT the illegal
stuff! And if those aforementioned disagree, hey, not my problem!

Either change the charter, create an alt group for the illegal stuff or
just quit bitching when a law-abiding CBer, such as myself, pounces on the
people that are going beyond the charter. Plain and simple. The FAQ is here
once a month and that's part of our charter too!

The lame ass wannabee's can go charter their own radio group! Call it:

'alt.radio.wannabees' or: 'alt.radio.criminals' or just
alt.dumb.ass.cb'ers' or maybe 'stupid.gas-pumping.CBer's

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
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Date: Tue, 7 Feb 1995 18:44:22 GMT
Message-ID: <1995Feb7.184422.10144@ttinews.tti.com>

In article <3FEB199507253726@wild.ucis.vill.edu> s7000a@wild.ucis.vill.edu (SANDBAGGER) writes:
>
>Hams are allowed and encouraged to modify and tinker, BUT NOT IF IT IS TO
>TRANSMIT ON A SERVICE THAT THEY ARE NOT AUTHORIZED! There is nothing legal
>about modifying a rig to transmit outside of the ham bands. Most VHF bands
>that are adjacent to the ham bands require type accepted equipment to be used

>there. So even if you were a licensed user of a frequency in the VHF or
UHF
>business bands, you could NOT legally modify your ham rig to run there.
>
>One of the most requested pieces of information, I see on the ham
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and
>on my packet PBBS are requests for frequency mods. WHY? Are there THAT
many
>hams in CAP? I don't think so. Hams are no more "golden" than CBers.
There
>are good and bad in either service.
>
>
>
>Dave
>

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coverage transmit, is to permit the transmitter to be used as a RF signal
generator! Something *you* wouldn't understand the real usefulness of
unless
you regularly service radio gear!

As for transmitting on frequencies not autorized by Part 97, hams are
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ANY MODIFICATIONS made to the transmitter render the equipment unfit for
service because it is now NON TYPE-ACCEPTED! Get this thru your heads
people!

The mere possession of non type-accepted equipment by a CBer is a crime,
the
FCC views the ownership of such things as an RCi-2950 or a linear amp as
being
evidence of use. Call the FCC in Gettysburg and ask them! A Field Engineer
can
confiscate your non type-accepted equipment under the laws contained in
Part
95 and you have no recourse whatsoever! Face it, on 11m you're a user, an
appliance operator, just like the users of Marine Band radios, just like
the
average cellular telephone user.

Get a life! Get out of the CB forum! You're probably not even a Ham!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
+-----------------------------+

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73's Heh, Heh.

2517. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 01:03:26 UTC
From: little@iamu.chi.dec.com
Message-ID: <3itsou$i06@nntpd2.cxo.dec.com>
Source record: 251616
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3it0oi$b7f@news.onramp.net>, darrick@ncc.com (Darin Arrick) writes:
|>I live about 25 miles from my job, out in the country. At work, we have a
|>128Kbps ISDN line coming in to our TCP/IP network. I spoke with my boss and
|>he had no problem letting me connect to the net from home on a 24 hour a day
|>basis. The problem is, where I live the phone company doesn't supply ISDN.
|>I don't want a slow 14.4kbps link (I'm too used to the nice, fast connection
|>at work :-)), so a regular phone line is out (plus, the phone company charges
|>me extra just for a regular phone line!). Well...
|>
|> Can I set up a WA4DSY 56kbps modem on both ends, and set up a 24 hour a day,
|>7 day a week internet connection for myself? This is mainly for personal
|>reasons, although that doesn't mean I won't check on things at work from home
|>(I'm a network coordinator at work), or download some files for work at home
|>on the weekends, but probably 95% of everything done on that link would be
|>for my personal enjoyment. I was thinking of using the 10gHz band for this link.

I would say that if the things you are doing for work are part of your
ordinary job and not directly related to an emergency threatening the
life or safety of person or property that you'd have a pecuniary interest
in the communications. In other words, the communication link is allowing
you to perform work over the amateur bands. That would be illegal. So
in your above scenario, you'd be legal 95% of the time. ;-)

It would be similar to a pizza place setting up an order line on 2 meters.
The FCC has already said specifically that such transmissions are
illegal.

|> Does the FCC allow this type of transmission? Can I do it, but with
|>restrictions? If so, what are they? If there are no restrictions, please tell
|>me. If this is a FAQ, please excuse me. Email me if this is of no interest to
|>others in this newsgroup. *** Followup to rec.radio.amateur.misc. ***

The restrictions are on content, not method. You can easily set up the kind
of link you described in the band you desired. But you can't conduct work
over that link.

73,
Todd Just another armchair lawyer. My advice was worth every cent you
N9MWB paid for it.

2518. AA1ME

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 01:37:53 UTC
From: Charles.R.Hohenstein.1@nd.edu
Message-ID: <Charles.R.Hohenstein.1-2702952037530001@mac18.debartolo.lab.nd.edu>
Source record: 251617

Does anyone have an address for AA1ME? I have already tried the QRZ database via WWW, not to mention the 1995 Callbook, but apparently the call is too new to be listed.

I am also looking for:

kg4an (no address found)
w4ma (no address found)
kt7aaa (no address found)
ki7c (no address found)
ke4gy (mail returned from: 15518 BALDSWELLE DR, TOMBALL, TX 77375)
kd4pvm (mail returned from: RT 1 BOX 299, HOPE MILLS, NC 28348)
n4wnl (mail returned from: 713 PATRICIA LN., OXFORD, AL 36203)
n7uvh (mail returned from: POB 786, POST FALLS, ID 83854)

Does the League ever release address information from the QST mailing list? It would be a valuable service, especially in the case of hams who have neglected to update their addresses with the FCC--perhaps the League could even send a reminder to the ham in question, along with a form 610.

N9SQE

2519. <<<<MY NEW CALL>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 01:41:58 UTC
From: dfleming@earth.execpc.com
Message-ID: <3itv16$1oe@homer.alpha.net>
Source record: 251618

Honest opinions only please:

I just got my call today via the FCC 800 number. Do you think its a keeper?

N3UOD

It seems like an easy call to remember.

2520. swan270B manual

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:05:30 UTC
From: dinosaur@crl.com
Message-ID: <3iu0da$fal@crl4.crl.com>
Source record: 251619

I have an old SWAN 270B Cygnet. I'm looking for a manual and schematic.
Can anyone help?
John KD6URS

2521. Re: True CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:12:24 UTC
From: vanduyne@NorthNet.org
Message-ID: <rmaKlehQK0US078yn@northnet.org>
Source record: 251620

In article <D4MnID.H94@news.hawaii.edu>, Jeff NH6IL wrote:

> Hi again Andy,
> Boy, you're really going to drag this out, aren't you? You must really
> lead a boring life.

No on both counts, actually. I shant be dragging it out, and my life is rather busy and full. And by the way, you seem to have just as much time available at the keys as I answering. Why aren't you on the radio, or outdoors? It's very cold (up to 13F) and snowy here, so I might have some sort of excuse for sitting inside and rapping the keys, but Hawaii must be nicer than here...

> You should use your time more wisely by studying for your upgrade.

I won't be upgrading anymore. On the same note, when are you taking your next test?

> How does one ``do some continuous wave''?

One needs a surfboard- I thought you Hawaiians knew that.

But seriously (is that the message form? funny answer, followed by serious reply)- you will note that I was quoting other people, not myself... That seems to be the form of the question- "Will you be around later to do some CW?" Honest- I didn't make it up. I figure out they mean code, and we end up beeping at one another. I most often do code in CW, although a couple of us are trying to get some code practice going for the techs on FM, and are playing with a couple designs for a little club construction project for the beeper(s). Several birds dead with one projectile.

--... ...-- -.. . -. ..--- .--. ... .-..

(Look, Ma... CW!)

....

.-.-. ...-.-

==========
Playing Guitar, Running The Radio, Staring Down The Computer,
Teaching Music... Is there any other way?
Andy VanDuyne aka n2psl aka vanduyne@northnet.org
==========

2522. swan270B manual

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:16:22 UTC
From: dinosaur@crl.com
Message-ID: <3iu11m$c8s@crl6.crl.com>
Source record: 251621

Does anyone have a manual and schematic for a SWAN 270B Cygnet?
John KD6URS

2523. swan270B manual

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:20:37 UTC
From: dinosaur@crl.com
Message-ID: <3iu19l$ccl@crl6.crl.com>
Source record: 251622

[No readable article body recovered]

2524. Re: What does "QSL via CBK mean?"

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:46:39 UTC
From: Mark.Hinkleman@bbs.c4systm.com
Message-ID: <1995Feb27.214639.21341@C4Systm.COM>
Source record: 251623

Hello Dave.... qsl via cba.. means qsl via the callbook address .
cul Mark.. NU8Z
--
Mark Hinkleman, user of the UniBoard System @ c4systm.com
E-Mail: Mark.Hinkleman@bbs.c4systm.com

C4 Yourself BBS Voice: (517) 423-3454 Fax/BBS: (517) 423-3667
C4 Systems, Inc. 6585 Hack Road, RR#1, Clinton, Michigan, USA 49236-9530

2525. Re: Ham Radio: Killed by its own.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:48:28 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4ovst.9G5@news.hawaii.edu>
Source record: 251624

srugg@aol.com (SRugg) writes:

>Let's face it, without the new no-code, there would be a lot fewer hams
>around and not just No-Code Tech's.

Would this be so bad? Does quantity insure quality? Back in 1979
we were *given* 3 new HF bands at the World Administrative Radio Conference.
No one was taking any frequencies away even though our growth rate
was not what it is today. Someone over on .policy feared that without
the present rate of growth ``...we wouldn't have Icom, Yaesu, and
Kenwood making such nice radios for us.'' So what? What does he think
we used prior to those three companies coming into being? Many of
us were building our own radios. (Oh my gosh! I said the B-word!)

I'm too tired to think of a conclusion to this post...

Jeff NH6IL

2526. Re: Am i invisible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 02:57:16 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4ow7G.9L3@news.hawaii.edu>
Source record: 251625

In article <9502262229.0VLBD00@shivasys.com> bob.elliott@shivasys.com writes:
>
>Am I invisible? I have posted several messages (all replys) but they
>NEVER appear on the net. Sure as heck they appear sometime later with
>someone elses name on them. Not word for word but very close. Am I
>losing my mind?

Hi Bob,
When replying check to see if the previous poster put something in the
``Follow-To:'' line. I've been trying to remember to append
rec.radio.amateur.policy to the code debate articles to get
them off of .misc. Sometimes someone on .policy sends them
back over here after some editing (possibly some of your remarks
get edited off).

Jeff NH6IL

2527. Re: Give No-Code some Credit

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 04:16:01 UTC
From: calhoun@tahoma.cwu.edu
Message-ID: <3iu821$ahg@tahoma.cwu.edu>
Source record: 251626

I'm another No-Code who is now interested in getting his Code license.
HAM does seem to be an old-mans club (not referring to age, but to
eligibility) that is hard for a newcomer to break into. In my area that
HAMs are helpful so I'm lucky. Now if I could just get a better rig!
dave
---

richwood@commspec.com wrote:

: IJ>Let us give NO-code some credit.

: John,
: I think you'll find most Hams will judge an operator on his or her
: actions, not on some arbitrary license classification. As most of us
: know from 14,313, jerks come in all license classes.

: Enjoy your license and, as long as you obey the rules, you have no
: reason to apologize or explain to anyone.

: Rich
: KF2JO

--

Dave Calhoun | Audiophile nut | HAM LIC.
Central Washington University | Landcruiser nut | KC7HPT
Email: Calhoun@tahoma.cwu.edu | Satellite nut | "KC7HPT CLEAR"
Email: DTPDAVE@AOL.COM | Camping nut |

2528. QSL address UX5MZ needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 04:27:28 UTC
From: cjohnson@gabriel.resudox.net
Message-ID: <3iu8ng$nhu@genesis.resudox.net>
Source record: 251627

Help needed for an address for UX5MZ, name Igor, QTH Lugansk, Ukraine. This is my first QSO in the Ukraine, and I would like to send a card direct. The 95 Callbook does not have him listed. In fact, I have been very dissapointed with how old the listing in the book are. For Canada, they are more that a year out of date.

Is there anyone who has an alternate source for address lookup? If so, could you look this one up and send me his address via an email. Thanks in advance.

Courtenay Johnson, VA3CSJ

2529. Re: Super Morse 4.10

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 04:31:28 UTC
From: calhoun@tahoma.cwu.edu
Message-ID: <3iu8v0$ar1@tahoma.cwu.edu>
Source record: 251528

Any known Macitosh programs that are comparable? The only mac programs I
can find are the type that simply feed a text file to me in morse.
dave

William Newkirk (wnewkirk@bb.iu.net) wrote:
: In article <8A35158.04B3001BA5.uuout@moondog.com>,
: DONALD DAVIS <donald.davis@moondog.com> wrote:
: >JT>I would like to upgrade. Have heard that there are computer programs
: >JT>available to "teach" code. Any recommendations? Are any
: >JT>available by ftp? Commercial sources?
: >
: >JT, try looking for a program called Super Morse. It's on the QRZ CD
: >released in August 1994. Version 4.10 It's what I used to upgrade from
: >No-code to my 5wpm and am now using to get up to 13wpm
: >
: commercial sources -- both GEnie and Compuserve have supermorse 4.15
: on board (Radio RT on GEnie, HamNet Forum on CIS) along with Morse
: Academy 5.2B....drop me some e-mail if you can't lock on to a copy
: and i'll send what i have. (the mailer here uses mime (base 64) to
: encode stuff..decoders at cmu.edu...)

: 73

: --

: Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
: Melbourne, FL duty now for the future of amateur radio

--

Dave Calhoun | Audiophile nut | HAM LIC.
Central Washington University | Landcruiser nut | KC7HPT
Email: Calhoun@tahoma.cwu.edu | Satellite nut | "KC7HPT CLEAR"
Email: DTPDAVE@AOL.COM | Camping nut |

2530. Mods for Alinco DJ580

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 04:34:00 UTC
From: john.palinkas@pcohio.com
Message-ID: <24.30184.2803@pcohio.com>
Source record: 251529

```
This message was originally addressed to ALL
and a carbon copy was sent to you.
---------------------------------------
I am wondering if anyone can tell me what modifications are available
for the Alinco DJ-580T. I had someone tell me that it can be modified to
receive some of the 800mhz band? If anyone can be of help here please
let me know what is available for the Alinco in the way of mods. Thanks.

---
```

 OLX 1.53 john.palinkas@pcohio.com


```
---------------------------------------------------------------
PC-Ohio PCBoard pcohio.com Data: 216-381-3320
The Best BBS in America Cleveland, OH
---------------------------------------------------------------
```

2531. Re: Morse Code Tutors for Windows?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 04:36:00 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4p0s0.5vr@zeno.fit.edu>
Source record: 251530

it's tough to write something that's time critical for windows.

that's probably why you don't see much of that sort of thing...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2532. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 04:48:35 UTC
From: cmoore@sedona.intel.com
Message-ID: <3iu9v3$qg0@chnews.intel.com>
Source record: 251531

In article <3itgk4$4am@tzlink.j51.com>,
Richard Delaney <delaney@j51.com> wrote:

>change to a sending test at a VE session. Do I just need to take a letter
>from doctor to them, or do I send it to the FCC, or what? I would love to

Hi Richard, a friend of mine upgraded from Novice to either General or
Advanced (I forget which) by getting a doctor's letter and finding a
VE who would give him the CW waiver. Your problem sounds similar to
his. He has a genius level IQ, a commercial radio license, and has
forgotten more than I will ever know about radio. It's a shame that
he was barred from the HF bands for 20 years because of a disability.
It's people like you and he who made me change my mind about CW testing.

Note that you must pass the 5wpm receiving test before getting a waiver.
Go figure that one. A deaf person must pass 5wpm before getting a waiver.
I, and some other VE's, allow visual copy for the 5wpm test. I even
rigged a vibrator to one deaf guy's ear so he could meet the letter of
the treaty, "copying CW by ear". :-)

Please direct any followup to rec.radio.amateur.policy
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

2533. Re: Am i invisible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 05:01:54 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3iuao2$qe5@coranto.ucs.mun.ca>
Source record: 251532

bob.elliott@shivasys.com wrote:

: Am I invisible? I have posted several messages (all replys) but they
: NEVER appear on the net. Sure as heck they appear sometime later with
: someone elses name on them. Not word for word but very close. Am I
: losing my mind?

: -Bob
: bob.elliott@shivasys.com

Maybe :)

I think the way it works is that your reply or followup gets appended onto the thread of the original message, thereby not being "from" you fully but partially. This message should serve as an example as it will have you as the author but an article appended from me.

At least that's my view :) I could be wrong.

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

==========

2534. Re: Need advise on reparing old crystal set

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 05:50:29 UTC
From: billhar@spaceworks.com
Message-ID: <D4p485.Eu3@spaceworks.com>
Source record: 251534

Antique Electronic Supply sells glena crystals and cat whiskers. Address is: 6221 S. Maple Ave., Tempe, AZ 85283 phone (602) 820-5411.

Bill - K5MIL

2535. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 06:30:48 UTC
From: billhar@spaceworks.com
Message-ID: <D4p63C.FD6@spaceworks.com>
Source record: 251535
Body handling: HTML body converted to readable text

It astounds me at how the FCC could be so willing to jump in the middle of this ham dealer for such a thing, and completely close it's eyes to the thousands of cb shops who sell "cb" radios that have been modified to operate outside the legal 40 cb channels and at illegal power levels. You can hear this idots all the way from 26.0 mhz up into the 10 meter band. If this ham dealer can be fined for merely offering the information, how do these cb dealers continually get away with it?

Bill - K5MIL

2536. Re: Cease Fire into Peact Treaty

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 06:57:34 UTC
From: rwilkins@ccnet.com
Message-ID: <3iuhgu$jo0@ccnet3.ccnet.com>
Source record: 251536

Dave van De Kerk (davev@atkc.COM) recently wrote
in <9502272056.AA28439@venus.atkc.com>:

: In the last week, we have had a cease fire in rec.radio.amateur.misc.
: While there has been sporadic flamings, by and large the cease fire
: has held, and I think the vast majority of us have immensely enjoyed
: it.

: We have the opportunity to turn this lull in the firing into a permanent
: peace if we resolve now to do so.

: The process is very simple. We change rec.radio.amateur.misc to have
: only four acceptable types of postings:

For those who are offended by some of the more colorful postings here in
rec.radio.amateur.misc I reccomend that you unsubscribe and get your
information from a moderated group such as rec.radio.amateur.info

The rest of us do not need a net censor to tell us what and how to phrase
our posts. If one really wants to be a net cop maybe you should learn the
ropes on alt.config or even clean up the local '435' 2meter repeater.

Lets leave these groups open to all discussion....where is the Charter?
It was around here sometime ago...

Just as there are good battles on our amateur radio nets and repeaters,
there should be the same types of discussions here in our news groups.
While I may disagree with some of our net personalities, I still enjoy
their discussions and amusing anecdotes.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

2537. Looking for info on Ft-51R and comparable

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 07:52:37 UTC
From: sdevine@camelot.bradley.edu
Message-ID: <3iuko5$3tb@camelot.bradley.edu>
Source record: 251537

I want to get into the hobby of Ham radio, and though I should probably start at a lower price range, I have my eye on the Yaesu 51R. Also, the Th-79A from Kenwood. There was a short battle here on the net and it looked like most people liked the 51R. I would like to know if there aare any reviews of this radio in a magazine or publication or if there are other radios that are recommended? Would the Ft-11 be a better radio if 2m was the only thing you'd use it on? What sort of mods are available for the 51R?

--
Scott Devine ---- sdevine@bradley.edu or aq061@po.cwru.edu
>>>>>------------------>
If you can't debug it, deplug it.

2538. test

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 11:37:19 UTC
From: adevlin@lynx.dac.neu.edu
Message-ID: <3iv1tf$mn8@chaos.dac.neu.edu>
Source record: 251538

[No readable article body recovered]

2539. Re: <<<<MY NEW CALL>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 12:21:16 UTC
From: tja@netcom.com
Message-ID: <tjaD4pMBG.GCp@netcom.com>
Source record: 251539

Dan Fleming (dfleming@earth.execpc.com) wrote:
-> Honest opinions only please:

-> I just got my call today via the FCC 800 number. Do you think its a keeper?

-> N3UOD

May as well keep it, you may end up eith something much, much worse.

CONGRATS !

Tom - WB1L

--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

2540. Re: CALLBOOK SITE ON WWW?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 12:40:11 UTC
From: kebsch@pdb.sni.de
Message-ID: <3iv5jb$snh@nanette.pdb.sni.de>
Source record: 251540

In <John.Meysenburg-2202951157390001@137.79.6.116> John.Meysenburg@jpl.nasa.gov (John Meysenburg) writes:

>Hello folks,

>Does anyone know the URL site for the Callbooks? I was given a site address
>to oboe.aix.calpoly... but it doesn't seem to be locateable.
>Appreciate the help. Please post to this thread (don't have my email set
>up yet).
>Thanks
>JHM

http://www.mit.edu:8001/callsign
or http://www.qrz.com/callbook.html

Good luck

73 de DK3VN
Waldemar
--
Waldemar Kebsch, c/o Siemens | DK3VN (QRV on 40/20/15/10 since 9/94)
Nixdorf Informationssysteme AG | The last courtesy of a QSO is a QSL!
33106 Paderborn, Federal Republic | Big antennas, high in the sky, are
of Germany, kebsch.pad@sni.de | better than small ones, low!!

2541. E-Mail Callsign Checks

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 12:50:00 UTC
From: Bryan.Wilcox%next@twisternet.com
Message-ID: <e0e_9502281813@twisternet.com>
Source record: 251442

Hey does anybody out there know the E-mail address to look up callsigns? I think it was in a QST a couple months ago but I can't seem to find mine! If anyone knows could ya please post it. thanx

Bryan - N0YUZ

2542. Re: International Callsign Database

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 13:59:14 UTC
From: stakenborg@hyph.azr.NL
Message-ID: <MAILQUEUE-101.950228145653.256@fs1-kfih.azr.nl>
Source record: 251541

As far as I know there is NONE.
There are only callbook servers for USA.

If you are looking for a QSL service try this:

http://promet12.cineca.it/htlzh/qsl.html

73's Joop PA3ABA

2543. RFI on 28Mhz from RS phone answerer

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 14:09:12 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3ivaq8$u3v@gort.oit.umass.edu>
Source record: 251542

I recently acquired a Radio Shack model 43-741 telephone answering machine, and found it causes a strong set of signals centered on about 28.160 Mhz that make it hard to hear anything in the upper half of the 10 meter Novice c.w. band. The signal seems to be radiated by both the d.c. power line (it is powered by a wall transformer) and the phone line. Putting ferrite cores on these lines helps a bit, but the signal is still pretty strong.

I wonder if anyone out there has experienced this and figured out a fix, or gotten any satisfaction from Radio Shack on getting it repaired. This is very much a consumer device (no circuit in the users manual); I have tried to look at the circuit board to figure out where a few bypass capacitors might help, but I couldn't make any improvement.

--
Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

2544. QRP mailing list

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 14:51:57 UTC
From: sjhawk2@srv.PacBell.COM
Message-ID: <3ivdad$dcq@gw.PacBell.COM>
Source record: 251543

I used to subscribe to the QRP mailing list. I want to
rescribe and I cannot find the correct address to send the
subscribe request to. I thought it was Majordomo@think.com
but I tried and the lists command does not show the
QRP list. Does anyone know. Thanks Steve WV6U

2545. Re: Spark vs. C.W. - Historical notes

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 14:54:42 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.793983282@melpar>
Source record: 251544

To David Tiller:

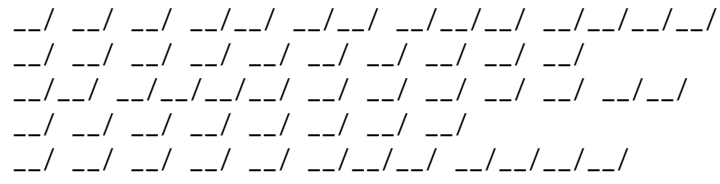
"Damped" waves are, indeed, spark. I dug through my old books
last night and, sadly, my 1922 "Radio Amateur's Handbook" by
A. Frederick Collins (not the ARRL Handbook, BTW) has a *terrible*
description of the theory of spark transmission. However, my 1922
"Stndard Handbook for Electrical Engineers" has quite a good section
on Radiotelegraphy and the "Wireless Telephone," as it is referred to.

Here is an excerpt from paragrph 287, page 1756:

"287. Advantages of undamped oscillations. Oscillations produced from the
electric spark form damped wave trains with intervals between in which
no energy is given off. If, instead of supplying energy merely at the
beginning of the wave train, a constant source of supply can be obtained,
the ocillationswill continue indefinitely and with equal amplitude. The
use of such undamped oscillations in radio communication has a number of
advantages; first, if energy is divided among a great number of waves of
equal amplitude, instead of being concentrated ina few wave trains, the
maximum voltages required for a given amount of power are very much less
than in the case of damped waves, and consequently the insultaion of the
apparatusis much less difficult, and much larger amounts of energy can be
sent out from moderate sized antennas. Second, undamped oscillations
allow a greater sharpness of tuning and enable a looseness of coupling to
be used at the receiving station between the antenna and secondary which
greatly reduces the danger of interference and disturbance from
atmospheric discharges."

The text then goes on to discuss the generation of undamped waves
by use of arc transmission (such as the Poulsen arc). Vacuum-tube
generation of undamped waves is mentioned but not described as to
circuit theory, whereas arc transmission is described in some detail;
(remember that this was probably written in 1920 or 1921 in order to
appear in the 1922 edition).

73 DE K4MSG



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

2546. Re: QRP mailing list

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 14:58:49 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4ptM1.58I@news.hawaii.edu>
Source record: 251545

In article <3ivdad$dcq@gw.PacBell.COM> sjhawk2@srv.PacBell.COM (Stephen Hawkins) writes:
>I used to subscribe to the QRP mailing list. I want to
>rescribe and I cannot find the correct address to send the
>subscribe request to. I thought it was Majordomo@think.com
>but I tried and the lists command does not show the
>QRP list. Does anyone know. Thanks Steve WV6U
>

Hi Steve,
Bruce gave the list to N1IST. To (un)subscribe send an
email to listserv@netcom.com and only write:

(un)subscribe qrp-l

and to post an article to the entire group use qrp-l@netcom.com.

Expect about 20 email articles per day.

Jeff NH6IL

2547. Re: <<<<MY NEW CALL>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 15:04:09 UTC
From: rodell@netcom.com
Message-ID: <rodellD4ptux.K2z@netcom.com>
Source record: 251546

Of course.

It's like your name, it will be 'you'. It will be part of your
vocabulary in a few weeks.

I could have traded for shorter, my initials, new #'s, etc., but I've had
this one for 21 years, and it works.

r.

--
_/_/_/

2548. Re: Oaklahoma Comm Center???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 15:36:10 UTC
From: affrunti@orion.oac.uci.edu
Message-ID: <affrunti.793985770@orion.oac.uci.edu>
Source record: 251547

I have purchased several radios and accessories from Oklahoma
Comm Center in the last few months. I have been very happy with
the prices and service. They do what they say they are going to do.
Also, their prices usually include shipping. Check out their prices
on Astron power supplies. They were about $20 cheaper than AES.

73, Bob, AA9MI

2549. Re: Cease Fire into Peact Treaty

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 16:07:24 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Feb28110724@cassandra.bbn.com>
Source record: 251548

In article <3iuhgu$jo0@ccnet3.ccnet.com> rwilkins@ccnet.com (Bob Wilkins n6fri) writes:
For those who are offended by some of the more colorful postings here in
rec.radio.amateur.misc I reccomend that you unsubscribe and get your
information from a moderated group such as rec.radio.amateur.info

The rest of us do not need a net censor to tell us what and how to phrase
our posts. If one really wants to be a net cop maybe you should learn the
ropes on alt.config or even clean up the local '435' 2meter repeater.

While what you say is true, a lot of the topics mentioned by the
original poster should be moved to r.r.a.policy, since that's what the
group was created for.

/JBL
=
Nets: levin@bbn.com | "A religion that must depend upon the state to do
Pots: (617)873-3463 | what it cannot do is not worthy of existence."
ARS: KD1ON | -- Robert H. Meneilly

2550. Re: Another view?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 16:31:13 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4pxw2.71n@news.hawaii.edu>
Source record: 251516

<11142RILRQFWFNNVOBH@ccsnet.com> fisherb@ccsnet.com writes:

>Here is a different view.
>Subject: Online Service Killing Ham Radio
>
>I wrote to John just the day before explaining a contention of mine that
>Ham Radio is an antiquated hobby that has been outdone, to a large
>extent, by the advent of online services such as Delphi, CompuServe and
>America Online.

I just had a 20M QSO with a ham located on Pitcairn Island in the
South Pacific (both of us using homebuilt transmitters). I don't believe
he knows (or cares) what Internet is. The fellow doesn't even have a telephone.

I know of no other communications medium in which one can piece together
the equipment himself and go on to communicate half way around the world
for free!).

I'd say your contention is short-sighted, if not just plain false.

Jeff NH6IL

2551. Re: QRP mailing list

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 16:32:06 UTC
From: n1ist@netcom.com
Message-ID: <n1istD4pxxI.FJ9@netcom.com>
Source record: 251549

In article <3ivdad$dcq@gw.PacBell.COM> sjhawk2@srv.PacBell.COM (Stephen Hawkins) writes:
-I used to subscribe to the QRP mailing list.

To subscribe to qrp-l, send a message to listserv@netcom.com with the body

subscribe qrp-l

(or unsusbcribe qrp-l to get off).

/mike
n1ist@netcom.com
Maintainer, BARC lists
--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

2552. Re: QRP mailing list

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 17:04:06 UTC
From: wyn@ornl.gov
Message-ID: <wyn.283.2F535786@ornl.gov>
Source record: 251550

In article <3ivdad$dcq@gw.PacBell.COM> sjhawk2@srv.PacBell.COM
(Stephen Hawkins) writes:

>I used to subscribe to the QRP mailing list. I want to
>rescribe and I cannot find the correct address to send the
>subscribe request to. I thought it was Majordomo@think.com
>but I tried and the lists command does not show the
>QRP list. Does anyone know. Thanks Steve WV6U

subscribe to listserv@netcom.com
<no suject and following one line in body of message>

subscribe qrp-l

73,
C. C. (Clay) Wynn, N4AOX
registered agent of Amateur Radio Nitwittery Investigations (A.R.N.I.)
==========
= ...- .. ...- .- - . .-.. . --. .-. .- .--. .... -.-- =
==========

2553. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 17:16:56 UTC
From: drayegon@enterprise.america.com
Message-ID: <NEWTNews.2811.793995687.drayegon@drayegon.america.com>
Source record: 251575
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

> reasons, although that doesn't mean I won't check on things at work from home
> (I'm a network coordinator at work), or download some files for work at home
> on the weekends, but probably 95% of everything done on that link would be
> for my personal enjoyment. I was thinking of using the 10gHz band for this link.
>
> Does the FCC allow this type of transmission?
>
> Darin Arrick, KB5KHR (Advanced)
>
>
You can do it 95% of the time.

No you may not use it to contact your work files.
there are limits on what you can ftp also.

Basically this is not allowed.I am currently running a net gate.
also sat gate
It just doesn't work for this type of situation.

you just think your running 56 k
actually with bad packets and retries it is less than 14.4 more like 4800

try it you will see.
73 Ray
AD4RR
>

2554. Dayton Cols 5.11 link down

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 17:40:50 UTC
From: rbeavers@infinet.com
Message-ID: <3ivn72$80n@horus.infinet.com>
Source record: 251551

This is the only way I know to get a message to the control op.
of the 145.11 machine. If you read this and know him / her please relay .
The Cols. link is down ....
We I really miss not hearing you guys at night !!!!!
If the reset button here need pushed I'll push it !!!
It the pits with out you all on SAT. nights.

Thanks
Randy

--

_____
Randy Beavers	
Cols. Oh. USA	
rbeavers@infinet.com	Saved Band Width
75000.1703@compuserve.com	
rbeavers@freenet.columbus.oh.us	
_____	_____

2555. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 17:56:34 UTC
From: sbaldwin@community.net
Message-ID: <3ivo4i$jqf@odin.community.net>
Source record: 251481

Bruce Miller (brucem@eskimo.com) wrote:
: I'm doing a bit of research on the use of out-of-band frequencies
: by amateur radio operators for emergencies. Presumably, under the law
: an amateur radio operator is authorized to originate or respond on a
: frequency (any frequency) in dire emergency. I'd like know if the FCC
: really upholds that concept. If you have details,
: I'd appreciate those details: circumstances, results, and consequences
: (from FCC or other authorities).

: Ok to respond directly to me via email: brucem@eskimo.com

I'm studying for my General License right now, and the book from
Gordon West mentioned that, in an emergency, we may use ANY FREQUENCY
to summon aid. However, it also said that POLICE CHANNELS are taboo.
73!

Scott

2556. Re: Yippee! 4 days!...Ugh.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 17:56:36 UTC
From: kurt@cs.tamu.edu
Message-ID: <3ivo4k$26p@news.tamu.edu>
Source record: 251570

In article <793281564snz@waltd.demon.co.uk>, walt@waltd.demon.co.uk (Walt Davidson) writes:
>
> Ha ha! Well a friend of mine was issued with HIS new callsign 33 years
> ago. It was, and still is, "G3POX"! He did not ask for it to be changed,
> and in fact says he wouldn't change it if you _paid_ him. He claims,
> quite rightly, that at least no-one ever forgets his callsign!!
>
My father used to be W5ULN. When he went for his two-letter call, he ended up with W5VD. Now, THAT's a GREAT call!!!!

--
Kurt Freiberger, wb5bbw kurt@cs.tamu.edu 409/847-8607 fax:409/847-8578
Dept. of Computer Science, Texas A&M University DoD #264: BMW R80/7 pilot
"Since when is "Public Safety" the root password to the Constitution?"
*** Not an official document of Texas A&M University ***

2557. Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 17:59:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <495_9503012222@woodybbs.com>
Source record: 251552

MV>A couple of years ago, I heard that using ham radio to an autopatch to
>(for instance) order a pizza had just been made legal, by the FCC
>relaxing the rules. You still can't carry out *your* business on the
>radio, of course (by, for instance, using the patch to call in to work
>saying you're stuck in traffic and will be late) but if you have no
>financial stake in it, it's OK.

MV>However, a couple of weeks ago, I was at a ham meeting where everyone
>insisted that calling for a pizza was *NOT* OK.

MV>Who's "clue challenged"? Them, or me?

As far as the FCC's concerned, you CAN now use an autopatch to call in
for your own pizza, but you can't do it if you work for the pizza shop
and are calling orders in.

However, it's up to the trustee of the repeater as to what types of
operation he/she permits on the machine. Therefore, if the trustee
decides that ordeing your pizza via the autopatch is off limits, then
you're pretty much bound to that decision. The trustee IS responsible
for the operation of the repeater, and he/she takes the 'hit' if there
is a problem.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2558. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 18:03:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <496_9503012222@woodybbs.com>
Source record: 251553

GS>Judith Rogow (jrogow@ridgecrest.ca.us) wrote:
>> When I got mine, my OM said "TTH, Huh? Truly Terrific Ham"
>> Even if I get Extra one of these days, I'll *always* keep N7TTH!

GS>I am Number 8 Private Parking Zone(n8ppz) I have a friend who got
>N8PUU(that really stinks)

My very favorite.. so far.. was for a local dentist,

WB0 Tooth Paste Pusher

Too bad he's now allowed it to expire.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2559. Ham Anntena

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 18:57:59 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3ivrnn$c1o@floyd.santarosa.edu>
Source record: 251533

Hi all,

I am considering purchasing the Radio Shack multi perpose anntenna (the one that says it is for ham as well as cb).. Anybody know if this is a decent anntenna...? Please let me know how these things perform.

Thanks

John Thompson
jthompso@nermal.santarosa.edu

2560. Re: Oaklahoma Comm Center???

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 19:02:50 UTC
From: w5kne@mcimail.com
Message-ID: <3ivp5c$5fc@superb.csc.ti.com>
Source record: 251573

In article <3iqnpr$3t4@floyd.santarosa.edu>, <jthompso@nermal.santarosa.edu>
writes:

> I am seriously considering buying a FT-530 from the OK Comm Center... Can
> anybody tell me if they are a reliable dealer or any personal experiences
> dealing with them? If anybody knows anything about them please let me know.
> E-mail me or post here.
>
> Thanks
>
> John Thompson
> jthompso@nermal.santarosa.edu

----------Response--------

John: I have purchased equipment from OK Comm Center and have
had no problems.
73,

Bob Winn, W5KNE
w5kne@mcimail.com

2561. GB2RS News 26th February 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 19:10:35 UTC
From: dave@llondel.demon.co.uk
Message-ID: <794023835snx@llondel.demon.co.uk>
Source record: 251480
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

{ Better late than never I suppose :-(}
Good morning. It's Sunday the 26th of February and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

First, the headlines:

Amateur radio links up with a major educational and scientific project this week.

And there will be no early release of 'G' vehicle registration marks to radio amateurs.

The British Geological Survey in Nottingham and the Merseyside Maritime Museum, Liverpool, will be hosts to special event stations GB0JAS, GB2JAS and GB6JAS starting this week. The event is part of the 'JASON Project - (Expedition Island Earth)', an annual scientific expedition involving Dr Bob Ballard, who discovered the Titanic wreck, and a team of scientists and students. The team is now exploring the volcanic islands of Hawaii, and NASA technology will be used to look back at Earth from outer space. Daily satellite broadcasts will bring the project live to centres in the USA, Canada, Bermuda and the UK, where schools, colleges and the public will be able to see science in action.

The special event stations are setting up skeds with research vessels, remote research stations and other JASON Project stations. GB2JAS in Liverpool will start operations tomorrow, Monday the 27th of February and will be active weekday evenings and all day on Saturdays until the 11th of March. At Nottingham, GB0JAS will operate from the 5th to the 11th of March on HF, while GB6JAS will use the 6-metre, 2-metre and 70-centimetre bands. A special aim of the JASON special event stations is to encourage a greater interest in the UK Novice Licence scheme and there will be Novices operating the stations from time to time.

Anyone wanting skeds, or who is able to help, should contact Jim Anderson, G0TDK, 104 Mab Lane, West Derby, Liverpool L12 6RL, or Alan Clayton, G7HZZ, in Nottingham on 0115 921 2857 (evenings).

The Kuwait National and Liberation Days are being celebrated this weekend, and Kuwaiti stations may add the suffix stroke NLD after their callsigns until the end of the month. The Kuwait Amateur Radio Society is offering an award to amateurs who contact three Kuwaiti stations during this period. The K.A.R.S. club station, 9K2RA/NLD, will be active and counts as two contacts. The award is also available on a heard basis for SWLs.

Over the last eighteen months, the RSGB has had four meetings with officials of the Sale of Marks division of the Driver and Vehicle Licensing Agency in Swansea and London, in an attempt to set up the much-discussed scheme to offer radio amateurs an opportunity to purchase a vehicle registration mark corresponding to their callsign.

The Society has recently received a letter from DVLA in which they inform us that they have now concluded their study into the feasibility of a specific and exclusive early release of the 'G' prefix marks to radio amateurs. Unfortunately, for the moment they have decided that such a scheme is not justified. Their reasons for deciding not to proceed now are firstly that to issue the 'G' prefix marks early and exclusively to radio amateurs would require an Act of Parliament, and they have been advised that the Secretary of State for Transport would not, at present, consider presenting such an Act. Secondly, they make the point that their scheme was originally set up by the Department of Transport with the express objective of generating the maximum possible revenue from the sale of such marks. The potential represented by the release next, for example, of the 'B' prefix marks is of the order of 24 million qualifying vehicles, whereas the 'G' prefixes would offer them a potential maximum market of well under half that number. On commercial, as well as legal grounds, therefore, they feel unable at this time to countenance any release of the 'G' prefix marks - even a general release.

They confirm that they remain fully aware of radio amateurs' desire to acquire such marks, as well as of the need to protect amateurs from exploitation by unscrupulous dealers in such marks. They conclude their letter by confirming that, as and when they are ready to consider the release of the 'G' prefix marks, they will be in touch with the Society again to discuss how best the legitimate interests of radio amateurs may be served.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From St Maarten (PJ), K7CI and W7MAP will be active from Wednesday the 1st of March until the 8th of March. Activity will be on all bands, taking in the ARRL SSB contest. Outside the contest activity will be mainly CW.

From Ascension Island, Jim Neiger, N6TJ, is active as ZD8Z from now until Friday the 10th of March, also taking in the ARRL SSB contest. Jim will also operate on 160-metres and his QSL information is via VE3HO.

And from Barbados, W0SA will be active as 8P9NX until Thursday the 2nd of March on CW and RTTY. QSL to his home call.

Next the Rally News:

The Barry Mobile Rally is taking place today, Sunday the 26th February, at the Barry Leisure Centre, off Holton Road, Barry. Doors open at 10.30 am.

Also today, the Taw and Torridge Rally is taking place at Bideford Hall, The Pill, adjacent to Victoria Park, Bideford, North Devon. Doors open at 10.30 am.

Next Saturday, the 4th of March, the Aberystwyth and District Amateur Radio Society will be holding their rally at Aberaeron School, Aberaeron, in Dyfed. Details may be obtained from Katy, GW0SFO on 01545 580675.

On Saturday the 11th and Sunday the 12th of March the RSGB London Amateur Radio and Computer Show will take place at Lee Valley Leisure Centre, Picketts Lock Lane, Edmonton, in north London. The event features trade stands, an RSGB bookstall, lectures, special interest groups and a bring and buy. RSGB Morse tests will be available on demand, but don't forget to take two passport-size photographs along if you wish to take your test at the Show. There will be talk-in stations on 2-metres and 70-centimetres, and doors open at 10.00 am with priority admission for the disabled. Further information may be obtained from Steve White, G3ZVW, on 0181 882 5125 and a full Show guide will be published in the March edition of Radio Communication, which is due to be posted to members this week.

Finally, a reminder that the Mid Cheshire Amateur Radio Society has had to cancel its rally, which was planned for Bank Holiday Monday, the 8th of May.

Now for the HF contest news:

Contests taking place this weekend include the REF French SSB contest, which finishes at 1800 UTC this evening, and the Belgian UBA CW contest which finishes at 1300 UTC.

Next weekend, the 4th and 5th of March, the ARRL DX SSB Contest takes place on all HF bands, excluding the WARC bands. The times are 0001 on the Saturday to 2359 on the Sunday. Contact only USA and Canadian stations and send RST followed by your power. Brief rules for all these contests were published in the February RadCom.

Next some VHF contest news:

Today, Sunday the 26th, is another event in the 70MHz Cumulative Contest between 1000 and 1200 UTC. The rules can be found in the January RadCom.

Also today is another event in the Winter Microwaves Cumulative contest, between 0900 and 2100 UTC on all bands from 2.3 GHz up. The rules are in the November 1994 RadCom.

Next weekend, the 4th and 5th of March, the 144 and 432 MHz contest takes place. This is a 24-hour event starting at 1400 UTC on Saturday. The rules can be found in the February RadCom.

Now some HF beacon news:

The experimental South African beacon, ZS6PW, has now finished transmissions on 21.150 MHz. Operation continues on 28.186 MHz.

The Finnish 10-metre beacon, OH2TEN, which was out of service at the end of last year, is again operational on 28.252 MHz and has been heard strongly during sporadic-E openings.

And now the solar factual data:

The period from the 13th to the 19th of February saw solar activity at very low levels; sunspot indices increased and the geomagnetic field declined from active levels to quiet levels. The sunspot indices increased every day from 26 on the 13th to 69 by the 19th, with the mean for the period at 48. Solar flux levels also showed an increase from 82 units on the 14th to 95 units on the 19th. The average for the period was 87 units. On the 14th the only solar flare of the period to be reported was an insignificant B1.6/SF. The electron fluence remained at moderate levels throughout. The x-ray flux varied little day to day and remained about A6 units but increased sharply up to B1.2 units on the 19th. The average for the period was A6.9 units. The 90-day solar flux average on the 19th was 3 units.

Geomagnetic activity started the period at active levels and was up to Ap 29 units on the 13th, activity returned to quiet levels by the 15th and was down to only Ap 4 units on the 19th. The average for the period was Ap 13 units. The state had been 'mag quiet' from the 15th. The aa indices as supplied by the British Geological Survey for the period from the 7th to the 13th of February were at mostly 'sub storm' levels, except for the 9th and the 10th, when levels were quiet and were down to only 5 nanoTeslas on the 10th. The most disturbed day was the 13th at 54.8 nanoTeslas, the average for the period was 30.2 nanoTeslas, about K3.

I'll repeat the figures: Spots - 48, Flux - 87, Ap index - 13, x-ray flux - A6.9.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers as reported by Meudon for the period from the 10th to the 16th of February averaged 7.0MHz. Due to a pre-auroral enhancement on the 13th at 13.00 hours 8.8MHz was recorded, but by 14.00 hours levels had declined to 6.4MHz as geomagnetic levels increased, 102 nanoTeslas, about K5, was recorded at Hartland at 15.00 hours. The darkness hour lows declined from 3.0MHz on the 10th to 1.8MHz by the 13th. Spread F was also reported several nights and lasted for 11 hours on the 14th; the average was 2.4MHz. The daytime highs took place between 10.00 and 16.00 hours, with the darkness hour lows around 06.00 hours.

And lastly the solar forecast.

This week the more active side of the sun is expected to be looking our way, solar activity may increase to low levels with flare activity expected. Geomagnetic levels are expected to be mostly active to sub storm for most of the week due to a recurring coronal hole, and hopefully returning to quiet levels for next weekend. Ionospheric MUFs in the south are expected to be about 18MHz and 15MHz in the north, but

should increase later in the week. The darkness hour lows are expected to be about 7MHz and spread F is expected some early mornings.

And that's the end of the solar information.

And now a note for your diary:

The World Association of Christian Radio Amateurs and Listeners will be holding its 1995 conference at the Highbury Hotel at Weston-Super-Mare over the weekend of Friday the 29th of September to Sunday the 1st of October. A full programme of events has been organised including the WACRAL AGM and operation of the club station, G3NJB. Details of packages including full-board accommodation may be obtained from Dr Geoff Petersen, G4EZU, whose address is correct in the latest Call Book.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Tango and G7 Victor Oscar series, and Novice calls in the 2 0 Alfa Juliet and 2 1 Delta Uniform series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

2562. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 19:29:04 UTC
From: danb@acme.csusb.edu
Message-ID: <3ivti0$ggt@news.csus.edu>
Source record: 251485

Robert D. Calkins (wa7nuu@halcyon.com) wrote:

: Unfortunately, some hams think that gives them carte blanche to modify
: their radios for out-of-band operation. That's both illegal and bad
: practice.

Illegal? How? According to what section of part 97? Actually
operating out-of-band, except in an emergency, is illegal, but I haven't
seen any part of the rules that governs modifying amateur equipment in
this way.

Generally, under American law, anything that isn't specifically
prohibited is legal. Where is this practice prohibited?

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

2563. Re: Where can I find latest version of Geoclock??

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 19:40:53 UTC
From: Ken Haagenson <haagenso@haagenson.ultranet.com>
Message-ID: <3ivu85$5ov@caesar.ultra.net>
Source record: 251482

> > N1AUP
>
>
This is a nifty program - I found version 5.3 at: ftp.qrz.com/files/misc
look for geoclk53.zip

73, Ken, N1UAP

2564. March 10 meteor shower skeds wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 20:14:06 UTC
From: YPAK35A@prodigy.com
Message-ID: <3j006e$m74@usenetw1.news.prodigy.com>
Source record: 251491

I am taking skeds for the March 10, 1995 meteor shower. Can run on 6 or 2 during this one. I am in Ms. in em51jq. Please e-mail me, please include a landline # with the best time to contact you. If you need a grid, contact me, I have a good list of stations that you might wish to run with in other grids. Questions about ms welcome. 73, WB5KYK, Larry

2565. Re: The legacy of the no-c

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 21:26:15 UTC
From: k0hb@hamlink.mn.org
Message-ID: <794009040.AA00580@hamlink.mn.org>
Source record: 251333

PP>>I was led to believe (in the 60's when I was first licensed) that
PP>>there was one circumstance that could lead to getting a Tech
PP>>license via the FCC examiner: if you were being tested for General,
PP>>and failed to pass the code because you did not have 65 letters in
PP>>a row right, but _did_ have 25 in a row, the examiner could give
PP>>you credit for the 5 wpm requirement for Tech. Then, you could take
PP>>the written, and if you passed, you would get a Tech license. I

That's correct. Prior to 1981 (that date may be slightly off) the
Technician written exam was exactly the same as the General written
exam. In effect, the Tech was a 5-WPM General. If you later passed
your 13-WPM you were upgraded to General.

73, de Hans, K0HB

2566. Re: Shareware logging prog

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 21:33:08 UTC
From: k0hb@hamlink.mn.org
Message-ID: <794009040.AA00581@hamlink.mn.org>
Source record: 251331

My choice would be Hyperlog or EQF with a slight edge to Hyperlog.
It runs even on an old "XT" class machine, and has a monochrome
display option. Does all the usual, plus interfaces to all popular
radios (Yaesu, Ten-Tec, Icom, Yaesu). Also on line DXCluster
filtering, call lookup to SAM, BuckMaster, QRZ. Imports from
DB, CT, NA, DXLog, etc., etc., etc. Available on most BBS, CI$, etc,
as shareware, with 800-number registration if you like it. Author
has L/L BBS to download upgrades, etc.

2567. IPS Daily Report - 28 February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 23:39:56 UTC
From: rwc@ips.oz.au
Message-ID: <3j0c8c$scc@flare.syd.ips.oz.au>
Source record: 251515
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 28/2330Z FEBRUARY 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 28 FEBRUARY AND FORECAST FOR 01 MARCH - 03 MARCH

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 91/36

GOES satellite data for 27 Feb
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 2.4E+04
Daily Electron Fluence >2 MeV: 6.1E+06 (normal)
X-ray background: A9.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
01 Mar 02 Mar 03 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 01 Mar: 90/34
COMMENT: Region 7846 (S16 E33) has mixed magnetic polarities in the
small trailer portion of the group.

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled with active levels 09-12 UT
and minor storm levels 18-21 UT.

Estimated Indices : A K Observed A Index 27 Feb
Learmonth 20 3334 3353
Fredericksburg 20 20
Planetary 20 21

Observed Kp for 27 Feb: 2335 4343
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
01 Mar 18 Mostly unsettled with isolated active periods
possible
02 Mar 12 Quiet to unsettled
03 Mar 10 Quiet to unsettled
COMMENT: IPS Geomagnetic Warning 5 was issued on 27 February and is

current for interval 28 February to 2 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
28 Feb normal fair-normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
01 Mar fair-normal fair poor-fair
02 Mar fair-normal fair-normal fair
03 Mar normal fair-normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T-index MUFs at Sydney
28 Feb 38 Near predicted monthly values with 30-40%
enhancements 10-13 UT. Sporadic E observed
05-09 UT and 16-19 UT, and obscured the F
region 16-18 UT.

Predicted Monthly T-index for February: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T-index MUFs
01 Mar 5 Near predicted monthly values to 20% depressed.
sporadic E and spread F may affect circuits at
times.
02 Mar 25 Near predicted monthly values
03 Mar 30 Near predicted monthly values to 20% enhanced.
COMMENT: IPS HF Communications Warning 8 was issued on 27 February
and is current for interval 28 February to 2 March. MUFs at
Townsville were 20-30% enhanced 00-06 UT and 10-14 UT and near
predicted monthly values at other times. Hobart MUFs were 15-30%
depressed 00-07 UT and 13-16 UT and near predicted monthly values at
other times. Spread F was observed 12-15 UT and sporadic E obscured
the F region 18-20 UT.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2568. douglas213, Is any one else tired of this person attacking everyone.

Newsgroup: rec.radio.amateur.misc
Date: 1995-02-28 23:44:48 UTC
From: kato@qnet.com
Message-ID: <3j0chh$5l0@mandolin.qnet.com>
Source record: 251503

Howdy, is just me or is anyone else a little tired of this ham personally attacking anyting that moves, and throws in a collection of juvinile insults while he is at it.
I personally have blocked all posting as of today with his name, Email me if you want to know how to do this....
73 de perry
by the way, the name to watch out for is douglas213.

In article <3itr24$f65@newsbf02.news.aol.com>, douglas213@aol.com says...
>
>Erik K. Sorgatz writes:
>
>Subject: Re: Mods
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Wed, 8 Feb 1995 01:07:30 GMT
>Message-ID: <1995Feb8.010730.16409@ttinews.tti.com>
>
>In article <3gu307$l71@newsbf02.news.aol.com> swrd@aol.com (Swrd)
writes:
>>Looking for CB Modifications,
>>
>>Thanks
>> JP
>
>
> Take your rig, and a 12 lb hammer...smash a 4" hole thru the
case..makes
>a dandy ashtray or decorative planter!
>
> Stay on the assigned 40 channels...if you know whats good for you! I
mean
>it!
>
>
>-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
>+------------------------------+
>TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
>cascades!*
>3100 Ocean Park Blvd. Santa Monica, CA 90405
>+------------------------------+
>(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
>MANAGEMENT!)
>
>

>
>**
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***
>***
>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Mon, 6 Feb 1995 18:44:31 GMT
>Message-ID: <1995Feb6.184431.25572@ttinews.tti.com>
>
>In article <3gmkk6hhv1@mhade.production.compuserve.com> Carl Robbins
><75230.2407@CompuServe.COM> writes:
>>
>> Okay... Since these are "Type accepted" who does the Type
>>accepting? USA? France? USSR???? Gee, and here I thought
>>we had entered into a free trade society.
>>
>
> A certificate of Type Acceptance is granted to a piece of equipment, by
>the
>FCC and only for a particular service. Hence, linear amplifiers
designated
>as legal for Amateur use, may not legally be used on CB. Even though
they
>are "cleaner" in the sense of their spectral emission and their harmonic
>content - or lack thereof.
>
> Radio transmitters too are granted a certificate of Type Acceptance,
>hence
>those Rangers, RCI-29xx's, Galaxy's, etcetra. Are not legal CB rigs
>because
>they do not conform to the rules regarding the design and features that
a
>legal radio must have. (40 channels and no provision for user-expansion,
>am or ssb modes only, no fm or cw...etcetra.)
>
>> I would never ask ANYONE to leave this forum. Having
>>too much fun with them. :-) I will say, if NO ONE used amps, it
>>would be better for all of us, but since that is not the case,
>>I'd like to be heard at some point....
>>
>
>Very well. I am asking the people who advocate power and illegal radios
to
>
>leave..or change the group's charter, or build a new newsgroup. That's
>where
>I'm coming from; play by the rules. CB amps nominally sound bad,
splatter,

>cause adjacent channel interference and tvi. There is very little reason
>to
>have one. If you cant be heard with 4 watts am or 12 watts PEP ssb mode,
>you
>must have some other problem with your installation...or you are
operating
>in
>some kind of Urban CB Jungle...with a lot of high-powered, overmodulated
>and
>broadbanded stations all transmitting over oneanother...the typical
>Alligator
>Station!
>
>Receive pre-amps do more good...
>
>
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>
>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Tue, 7 Feb 1995 18:30:15 GMT
>Message-ID: <1995Feb7.183015.9834@ttinews.tti.com>
>
>In article <3FEB199507180049@wild.ucis.vill.edu>
s7000a@wild.ucis.vill.edu
>(SANDBAGGER) writes:
>>
>>While most hams are probably legally operating, I'd be willing to bet
>that
>>there are many who have a few illegally modified rigs on the side to do
>>a little descrete "communicating", where they shouldn't be. Heck I know
>>a bunch of them , and they didn't all come from the CB ranks.
>>
>

>
> First off, there is no such thing as an "illegally modified rig" when
the
>
>service in Amateur Radio. We can do ANYTHING we LIKE when it comes to
the
>frequency coverage, totally legal. That pretty much burns your ass
dosent
>it Dave?
>
> Go re-read part 97...there's a reason Amateurs are given this latitude
in
>the service of their country. There's also a little matter of having
>signed
>for a license that keeps most hams away from illegal activities, the FCC
>knows just exactly where we are, and who we are - unlike the 11m crowd.
>
> Then go re-read part 95, and the rest of the Communications Act of 1938
>Amnd.
>you'll discover that transmitter modifications in MOST radio services
are
>deemed the province of licensed service personnel - only the Amateur
>Service
>is allowed to fiddle and experiment; it's a part of our charter. Face
it,
>CB
>is a radio-user's community...kinda like making toast or running the
>washer!
>
>73!
>
>
>-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
>+------------------------------+
>TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
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>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Tue, 7 Feb 1995 18:44:22 GMT

>Message-ID: <1995Feb7.184422.10144@ttinews.tti.com>
>
>In article <3FEB199507253726@wild.ucis.vill.edu>
s7000a@wild.ucis.vill.edu
>(SANDBAGGER) writes:
>>
>>Hams are allowed and encouraged to modify and tinker, BUT NOT IF IT IS
TO
>>TRANSMIT ON A SERVICE THAT THEY ARE NOT AUTHORIZED! There is nothing
>legal
>>about modifying a rig to transmit outside of the ham bands. Most VHF
>bands
>>that are adjacent to the ham bands require type accepted equipment to
be
>used
>>there. So even if you were a licensed user of a frequency in the VHF or
>UHF
>>business bands, you could NOT legally modify your ham rig to run there.
>>
>>One of the most requested pieces of information, I see on the ham
>sections,
>and
>>on my packet PBBS are requests for frequency mods. WHY? Are there THAT
>many
>>hams in CAP? I don't think so. Hams are no more "golden" than CBers.
>There
>>are good and bad in either service.
>>
>>
>>
>>Dave
>>
>
> Get a life, SoreAss, the reason to modify (for instance) an HF
>transmitter for full
>coverage transmit, is to permit the transmitter to be used as a RF
signal
>generator! Something *you* wouldn't understand the real usefulness of
>unless
>you regularly service radio gear!
>
> As for transmitting on frequencies not autorized by Part 97, hams are
>also
>forbidden to do so, but they are not forbidden to modify their equipment
>to
>do so; the crime dosent exist until they actually key up on-the-air! For
>CBers
>ANY MODIFICATIONS made to the transmitter render the equipment unfit for
>service because it is now NON TYPE-ACCEPTED! Get this thru your heads
>people!

>
> The mere possession of non type-accepted equipment by a CBer is a
crime,
>the
>FCC views the ownership of such things as an RCi-2950 or a linear amp as
>being
>evidence of use. Call the FCC in Gettysburg and ask them! A Field
Engineer
>can
>confiscate your non type-accepted equipment under the laws contained in
>Part
>95 and you have no recourse whatsoever! Face it, on 11m you're a user,
an
>appliance operator, just like the users of Marine Band radios, just like
>the
>average cellular telephone user.
>
>73!
>
>
>-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
>+------------------------------+
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>MANAGEMENT!)
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>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Mon, 6 Feb 1995 18:44:31 GMT
>Message-ID: <1995Feb6.184431.25572@ttinews.tti.com>
>
>In article <3gmkk6hhv1@mhade.production.compuserve.com> Carl Robbins
><75230.2407@CompuServe.COM> writes:
>>
>> Okay... Since these are "Type accepted" who does the Type
>>accepting? USA? France? USSR???? Gee, and here I thought
>>we had entered into a free trade society.
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>>I'd like to be heard at some point....
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>Very well. I am asking the people who advocate power and illegal radios
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>leave..or change the group's charter, or build a new newsgroup. That's
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>I'm coming from; play by the rules. CB amps nominally sound bad,
splatter,
>cause adjacent channel interference and tvi. There is very little reason
>to
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>must have some other problem with your installation...or you are
operating
>in
>some kind of Urban CB Jungle...with a lot of high-powered, overmodulated
>and
>broadbanded stations all transmitting over oneanother...the typical
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>Subject: Re: Echo Mic's and other noise makers-Why?
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Tue, 7 Feb 1995 18:19:59 GMT
>Message-ID: <1995Feb7.181959.9545@ttinews.tti.com>
>
>You're a sick little puppy! Why not consider a career in door-to-door
>sales?
>You Jerk!!
>
>
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>**
>Subject: Re: Mods
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Wed, 8 Feb 1995 01:07:30 GMT
>Message-ID: <1995Feb8.010730.16409@ttinews.tti.com>
>
>In article <3gu307$l71@newsbf02.news.aol.com> swrd@aol.com (Swrd)
writes:
>>Looking for CB Modifications,
>>
>>Thanks
>> JP
>
>
> Take your rig, and a 12 lb hammer...smash a 4" hole thru the
case..makes
>a dandy ashtray or decorative planter!
>
> Stay on the assigned 40 channels...if you know whats good for you! I
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>**************
>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Fri, 27 Jan 1995 19:43:55 GMT
>Message-ID: <1995Jan27.194355.29884@ttinews.tti.com>
>
>
>>Mr. Sorgatz, please stop picking on me! You are a big CitiCorp
Executive
>and
>I am just a service >station attendant.
>>I really like CB Radio and I'm just trying to talk to others with an
>interest in CB. Maybe you would be >happier> in the Ham Forum.
>
>>Sincerely, Brad Douglas
>
>-- -- --
>
>Excuse me, but some of us here are lawabiding citizens and the very
notion
>of tolerating the perpetration of a FELONY smacks of irresponsibility!
If
>you want to go on record here as being in favor of allowing someone to
do
>a felony, right out in the open - then I would suggest that you are
not
>a lawabiding citizen...perhaps you are a criminal, or perhaps you are a
>criminal-behaviour tolerant individual.
>
> In any case, I seriously doubt that aol would like to discover that one
>of their customers was abusing his or her access to the Internet by
being
>in essence, a criminal co-conspirator, and that is exactly what the laws

>regarding such behaviour describe.
>
> Additionally I'd like to point out that the name of this group is
>
> 'rec.radio.cb'
>
> And the charter includes many things, but not one of them has anything
to
>
>do with illegal activities. For those sorts of things, you should be
>reading
>'rec.radio.pirate'. Also..do yourself -and the group- a favor, read the
>FAQ.
>Linear amps are a discussed no-no. Plain and simple, Honey - You're out
of
>line here! You ignorant gas-pumping scum!!!!!!!!!!!
>
>
>-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
>+------------------------------+
>TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
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>***************
>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Mon, 30 Jan 1995 21:32:48 GMT
>Message-ID: <1995Jan30.213248.21500@ttinews.tti.com>
>
>In article <3g4aum$9qn$1@mhade.production.compuserve.com> Carl Robbins
><75230.2407@CompuServe.COM> writes:
>>Who's the jerk here????? I guess your just a "cell phone
>>scanning" Ham radio operating helluva guy!
>>
>>Gee, since this network goes WAY BEYOND the USA, I'm sure he has
>>them for sale for "export only".
>>

> No. Linear Amps capable of operating in the 25-28 MHZ region, even if
>they
>are designed for export sales, must carry a type-acceptance cert or they
>are
>declared to be contraban.
>
> Henry Radio Inc makes amps that will do 1, 2, 3, 4, 5 or 8 KWatts out
on
>these
>frequencies...but they ARE type-accepted and cannot be sold in the US.
>There
>is
>a special audit that takes place on these sorts of manufacturing outlets
>on a
>yearly basis.
>
> The junk that Mr. David Paul was offering was the typical
>transistor-trash
>that passes for a linear amp on the CB band...and BTW, I dont think you
>guys
>can make a real case for asking someone to leave this newsgroup, just
>because
>they happen to have an Amateur Radio License in addition to being and
>having-
>been a CBer...matter of fact is that some of us have been doing CB since
>some
>of you younger-folk were having 'Mom" for 3 meals a day! I went through
>the
>Impression; you didn't!!!!!
>
> So respect yer Elders...ya hear, snotnose!
>
>
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>
>
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>Subject: Re: Linear amps available
>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Fri, 3 Feb 1995 02:54:18 GMT
>Message-ID: <1995Feb3.025418.23085@ttinews.tti.com>
>
>In article <uNGBliubGUYA066yn@access.digex.net>
domonkos@access.digex.net
>(Andy Domonkos) writes:
>>>
>>Yeah, law abiding right, then why are so many hams always looking at
>modifying
>>their rigs to go out band? Why is the FCC hunting you guys that mess
>>with all the fast food VHF/UHF systems? They're not CB'ers with
>>linears and modified rigs, that certain. Look at the modification
>postings
>>in the rec.amateur groups. And don't give me that 'MARS' crap. No one
>>in my local EOC center even modified his gear, the county gives us the
>>equipment we need for public service emergency comms.
>>
>>What most hams are practicing is a 'do as I say and not as I do'
>attitude.
>>
>>If you don't like what you see here in the CB newsgroup, unsubscribe!
>>Don't lurk waiting to pounce on anyone looking for info/advice.
>>Either way, I'll make good use of my kill file to filter all your crap
>out
>>anyway.
>>
>>
>
> Uhm Andy, hams are allowed to modify their gear, build and modify
>transmitters
>in any combination of frequencies BECAUSE learning the science of radio
>and
>experimenting is a part of the Amateur Service's charter! We're actually
>*encouraged* to do so. CB is a utility/user service, and such tinkerings
>are not a part of it. As for me unsubscribing, nope, I'm calling to task
>everyone of the freebanders, bootleggers, linear sellers, linear and
non-
>type approved users and I'm saying, POINT BLANK: Get out of here! This
is
>a
>newsgroup chartered to discuss legal CB ops, rigs and etcetra. NOT the
>illegal
>stuff! And if those aforementioned disagree, hey, not my problem!
>
> Either change the charter, create an alt group for the illegal stuff or

>just quit bitching when a law-abiding CBer, such as myself, pounces on
the
>people that are going beyond the charter. Plain and simple. The FAQ is
>here
>once a month and that's part of our charter too!
>
> The lame ass wannabee's can go charter their own radio group! Call it:
>
> 'alt.radio.wannabees' or: 'alt.radio.criminals' or just
>alt.dumb.ass.cb'ers' or maybe 'stupid.gas-pumping.CBer's
>
>
>
>
>-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
>+------------------------------+
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>From: sorgatz@avatar.tti.com (Erik K.Sorgatz)
>Date: Tue, 7 Feb 1995 18:44:22 GMT
>Message-ID: <1995Feb7.184422.10144@ttinews.tti.com>
>
>In article <3FEB199507253726@wild.ucis.vill.edu>
s7000a@wild.ucis.vill.edu
>(SANDBAGGER) writes:
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>>Hams are allowed and encouraged to modify and tinker, BUT NOT IF IT IS
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be
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>>there. So even if you were a licensed user of a frequency in the VHF or
>UHF
>>business bands, you could NOT legally modify your ham rig to run there.
>>
>>One of the most requested pieces of information, I see on the ham
>sections,
>and
>>on my packet PBBS are requests for frequency mods. WHY? Are there THAT
>many
>>hams in CAP? I don't think so. Hams are no more "golden" than CBers.
>There
>>are good and bad in either service.
>>
>>
>>
>>Dave
>>
>
> Get a life, the reason to modify (for instance) an HF transmitter for
>full
>coverage transmit, is to permit the transmitter to be used as a RF
signal
>generator! Something *you* wouldn't understand the real usefulness of
>unless
>you regularly service radio gear!
>
> As for transmitting on frequencies not autorized by Part 97, hams are
>also
>forbidden to do so, but they are not forbidden to modify their equipment
>to
>do so; the crime dosent exist until they actually key up on-the-air! For
>CBers
>ANY MODIFICATIONS made to the transmitter render the equipment unfit for
>service because it is now NON TYPE-ACCEPTED! Get this thru your heads
>people!
>
> The mere possession of non type-accepted equipment by a CBer is a
crime,
>the
>FCC views the ownership of such things as an RCi-2950 or a linear amp as
>being
>evidence of use. Call the FCC in Gettysburg and ask them! A Field
Engineer
>can
>confiscate your non type-accepted equipment under the laws contained in
>Part
>95 and you have no recourse whatsoever! Face it, on 11m you're a user,
an
>appliance operator, just like the users of Marine Band radios, just like
>the

>average cellular telephone user.
>
>Get a life! Get out of the CB forum! You're probably not even a Ham!
>
>
>-Avatar-> (aka: Erik K. Sorgatz) KB6LUY
>+------------------------------+
>TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam &
>cascades!*
>3100 Ocean Park Blvd. Santa Monica, CA 90405
>+------------------------------+
>(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS
>MANAGEMENT!)
>
>
>73's Heh, Heh.
>
>
>
>
>
>
>
>
>
>
>
>

2569. TNC, what is a good buy?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 00:26:59 UTC
From: danielm949@aol.com
Message-ID: <3j0f0j$1h0@newsbf02.news.aol.com>
Source record: 251511

What is a good TNC to buy that covers all the modes?

danielm949@aol.com

2570. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 00:39:58 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4qKIM.FxI@news.hawaii.edu>
Source record: 251341

douglas213@aol.com (Douglas213) writes:

>Your gizzard is blue.

Is this the newsgroup equivalent to kurchunking a repeater?

2571. <<< L.I. Tower Case Update - Good News ? >>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 00:42:11 UTC
From: hmn@i-2000.com
Message-ID: <3j0ft3$d46@i-2000.com>
Source record: 251517

Has the Town of Hempstead on Long Island seen the Light?
As many of you are aware, Mark Nadel, NK2T has been fighting a long drawn out battle for the past two years with The Town of Hempstead on Long Island NY. After spending almost $25,000 in legal expenses and going through two zoning board hearings and the State Supreme Court of NY, there may be some good coming from this experience.

As of this moment, there has not been a decision on the January 28, 1995 re-hearing, however some new developments are on the horizon.

On Tuesday, February 28, 1995, The Town Board has shown some interest in possibly changing their 30 ft height limitation for amateur radio antenna towers. The Town's legal department has requested model antenna ordinances from Chris Imlay, General Council for the American Radio Relay League (ARRL). Nadel's attorney, Peter Mineo has also agreed to meet with the Town to help put together an acceptable ordinance, HOWEVER, in order for us to do this, additional money is required to help finance this case. As we said earlier, $25,000 has been spent and with an
outstanding bill of $6,000 Things are not looking too good financially.

We need you to helkp dig into your pockets, whether it's one dollar or 100 dollars. Every Dollar is important. With almost 650,000 ham out their a dollar from half of them would contribute to the winning of this case.

If you remember the original objection to Nadel's radio tower was due to an radio frequency interference complaint. Don't let local towns take on the jurisdiction of the FCC.

Again PLEASE be generous,

Send your contributions to:

R.A.D.I.O.
c/o PO Box 343
Williston Park, NY 11596

For updated information on this precident setting case call the R.A.D.I.O. information line at 516-735-2500 24 hrs/day

Thank you.

2572. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 01:10:43 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3j0hij$vt@ecom3.ecn.bgu.edu>
Source record: 251513

Bob Calkins is an so ignorant of FCC regulations, it makes me wonder how he got the title "communications Officer".

I think everyone has heard about the California ham who was cited for using his modified ham radio to report an emergency. SO WHAT! He was obviously cited by state or local authorities. He wasn't cited by the Feds. State and local laws may very well prohibit possession of a radio which can transmit on police frequencies. I'm not aware of any such laws, but I know that the state of Illinois doesn't have one, nore does the county I live in. I'm not sure if the city I live in has such a law, but it could, and then I would be capable of being cited for possession.

I haven't seen the particulars on the California ham, but I bet he was cited for possession. Local authorities may have charged him with 'illegal' use, but they don't have the jurisdiction. Mr. Calkins will disagree, but the state of California could not legally take action against anyone for illegally transmitting on police frequencies. For that matter, NOBODY but a designated FCC official (federal marshal?) has the authority to confiscate ANY radio equipment, unless said equipment violates possession laws in the area in which you live. The best part is, if the radio equipment is an AMATEUR SERVICE TRANSCEIVER, local authorities can't confiscate it regardless of their little laws.
(as per [47 U.S.C. 310 paragraph (d)])
This doesn't mean they are aware of FCC regulations. They may confiscate it anyway, but who ever said police never make mistakes.

The FCC will tell you "Enforcement of FCC regulations is the sole province of the FCC". I'm sure many people have been cited, and probably jailed by the state they live in for improper use of radio equipment. This doesn't mean it would have held up in federal court. When in this situation, most people would have first soiled their pants, and then accepted the judges decision without question. Most public defenders and attorneys have zero knowledge of FCC regulations. (notice I said 'most')

As far as the legality of the modification,
[47 U.S.C. 302 paragraph (b)] states
"No person shall manufacture, import, sell, offer for sale, or ship devices or home electronic equipment and systems, or use devices, which fail to comply with regulations promulgated pursuant to this section."

(I think by definition, Manufacture applies to how many are created for sale per year.)

Notice it doesn't say anything about modification, or possession.

47 C.F.R. $15.21 reads
"The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could viod the user's authority to operate the equipment"

This was written because most intentional radiators are type accepted. A microwave, for instance, is type accepted. If I try to do a 'Tim the Toolman Taylor' and make it more powerful, I will instantly void the type acceptance, and therefor make it illegal for me to cook dinner.

Amateur equipment is not type accepted, so modify to your hearts content.

As I stated before, I wrote a letter to the Wireless Telecommunications Bureau of the FCC. (Washington DC) Here is an exact quote of their response. Two people out there by now have received a photocopy and can verify its contents.

"This is in response to your recent letter requesting information about amateur radio service equipment. You ask if the Commission's Rules permit an amateur service licensee to possess an amateur service two meter transceiver that has been modified to receive and transmit on channels in the frequency segment 140.0-160.0 MHz. As a specific example, you refer to your Yaesu model FT23R transceiver which has been modified as described above.

The receiver in the Yaesu FT23R has been type accepted by the Commission. The transmitter, however, does not come under the Commission's type certification program. Therefore, modifying the transmitter does not violate the Commission's Rules. Transmitting on a frequency, however, requires the station operator to have an authorization for the radio service assigned that frequency. Generally, transmitting equipment also must be type accepted by the commission for that radio service. Use of a transceiver that has not been type accepted for the Police Radio Service to transmit on a Police Radio Service frequency, for example, would violate Section 90.203 of the Commission's Rules, 47 C.F.R. $ 90.203, and may constitute unlicensed operation of a Police Radio Service station. "

Signed by Robert H. McNamara
Acting Chief, Private Radio Division
Wireless Telecommunications Bureau

I don't know what else needs to be said on this issue.
Modification of amateur equipment is LEGAL. Plain pure and simple.

Possession of modified amateur equipment is legal as far as the FCC is concerned, but local/state opinions may differ.

Bob wrote of the Amateur Supply Store which was fined for offering information on how to modify equipment. Again, SO WHAT! There may be laws concerning a business offering such information. I doubt it, rather, I bet the business was either offering modified radios for sale, or allowing non-amateurs do modifications, or something like that. I suppose it could be that OFFERING information like that could be construed as a violation of [47 U.S.C 302].
What was the exact charge?

Dave Schweinitz made a VERY good point about possession = intent. The individual officer has to do the best he can at the time. I don't feel bad that I personally had radio equipment confiscated. I do, however, feel much anger for the police department involved now that it has been PROVEN that my possession of that radio is legal, and it has been PROVEN that no illegal activity took place involving my radio. The police department involved still refuses to voluntarily return the radio, which makes me think Bob Calkins used to work for them. They aren't concerned with the law as much as they are with saving face.

The only problem I see with Mr. Schweinitz comments is that although intent may be the issue, it is not for the little people to decide. Again, as I stated before, Radio equipment falls under FEDERAL JURISDICTION.

Dave is also correct about it being legal to possess ANY radio. According to the best 'off the top of the head' response I could get over the phone with the FCC, the ONLY radio which is illegal for a person to possess is one which can scan cellular telephone frequencies, which was manufactured after January 1, 1995.

The biggest problem with this whole thing is that people want to look for something in the regulations which permit it.
WRONG ANSWER. You have to look for something which prohibits it. Once you realize there are no regulations prohibiting it, we can infer it must be legal.

People like Bob really bug the crap out of me. Just because you are a cop, you don't get to play GOD. Something isn't illegal just because you are a cop and you say so. I had tons of people tell me my radio was illegal, and it should be destroyed. These people may be hams, but they must not be practicing. The scary thing is Bob does have some authority because of his badge, and look at how he is using it. I'll bet he owns a ham radio and uses it on Police Service frequencies, which is illegal, even for a cop.

The question "is it legal to TX on police band in an emergency?" is a bit more vague. Technically speaking, the wording in the CFR indicates it not legal, even in an emergency.

[47 C.F.R. $97.403] reads "No provisions of these rules prevents the use by an amateur station of any means of radiocommunications at its disposal to provide essential communication needs in connection with immediate safety of human life and immediate protection of property when normal communication systems are not available."

Okay, but [47 C.F.R. $97.3] defines an amateur station as "A station in an amateur radio service consisting of the apparatus necessary for carrying on radiocommunications."

Therefor, you can use any means of radiocommunications, as long as it is in the amateur radio service.

But, who out there thinks anyone would ever get into trouble for saving a life by transmitting on police channels. The intent of the FCC wasn't to prohibit amateurs from using police frequencies in an emergency. Actually, I doubt too many people realize exactly how this is worded. Regardless of the technicalitys, the FCC is't going to get too worked up about use of police channels in an emergency.

Don't get me wrong, I sympathize with departments which get interference from citizens with radios like ours. But for the most part, I truely believe the ham community is doing more good for the world than harm. Who is always there in an emergency? Who is always striving to improve foreign communications/relations. Not COPS.

Cops should be more concerned with the fact that ANYONE can legally buy ham radios. Anyone can get an amateur to modify a radio for them. Therefore, anyone can legally possess (in most cases) an amateur radio which can TX on police frequencies.

I doubt anyone can find errors in any of this, but if I goof, please let me know. I strive to support any claim I make with proof, and if I make a mistake, I would like my correction be made with proof as well.

Thanks all,
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

2573. Re: FCC Telephone Number

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 01:13:08 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3j0hn4$16d@ecom3.ecn.bgu.edu>
Source record: 251514

```
Welcome to the club. There isn't one.
You are probably trying to call Washington?
About amateur radio?
If so, call (202)-418-0680
```

2574. QRP mailing list

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 03:40:00 UTC
From: wirenet!n4nr@vulcan.com
Message-ID: <8A46514.00180002F4.uuout@vulcan.com>
Source record: 251441

```
-> I used to subscribe to the QRP mailing list. I want to
-> rescribe and I cannot find the correct address to send the
-> subscribe request to. I thought it was Majordomo@think.com
-> but I tried and the lists command does not show the
-> QRP list. Does anyone know. Thanks Steve WV6U

To subscribe, send e-mail to listserv@netcom.com with

subscribe qrp-l

in the body of the message (not header)

73 - Dennis N4NR
KO-23, KO-25, UO-22
n4nr@amsat.org
```

2575. Need Conn. Vlntrs for Special Olympics

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 04:35:29 UTC
From: kd1yvjim@aol.com
Message-ID: <3j0tih$613@newsbf02.news.aol.com>
Source record: 251554

CONNECTICUT VOLUNTEERS NEEDED FOR SPECIAL OLYMPICS
NAMES NEEDED BY 15 MAR 95

From June 28 through July 9 this year, the Special Olympics are coming to Connecticut. Amateur radio operators have undertaken to sponsor, install and man a group of booths to accept messages from the atheletes and public, to their familes and friends at home. These messages will be handled via amateur radio as third-party traffic. All work will be done on a voluntary basis.

There will be much work to do weeks and months beforehand, in coordination and setup; staff required to man the booths at the various venues; and disassembly and return of materials afterwards. All of this will be performed by volunteers.

If you are available to volunteer for duties before, during or following the Special Olympics, please contact either Michelle, N1PNT or me giving your name, address, callsign, day and evening phone numbers, and any special skills you might have to help in this endeavor.

You may packet, Internet, Fidonet or telephone.
AX.25 - KD1YV@K1UOL.CT.USA.NOAM or N1PNT@K1UOL.CT.USA.NOAM
Internet (America On-Line) - KD1YVJim @ aol.com or N1PNT@aol.com
Fidonet (receive only) - jim.ritterbusch@f1015.n141.z1.fidonet.org
Phone evenings (203) 790 7041 -
leave amessage with one of the Hamily

Thanks for your support and 73
Jim Ritterbusch
KD1YV

2576. Anybody know about FT-411???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 05:21:13 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3j1089$20c@floyd.santarosa.edu>
Source record: 251332

I am considering buying a four and a half year old ft-411 handheld for $190.
I want to know if anybody out there has this radio and how they like it? Is
this a decent price? Any input will be appreciated....

E-mail me or post here.. Thanks...

JOhn
jthompso@nermal.santarosa.edu

2577. Motorola Beltclip Mod for FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 07:01:44 UTC
From: sgyee@ramp.com
Message-ID: <3j164o$4av@taz.ramp.com>
Source record: 251449

[Article crossposted from rec.radio.amateur.equipment]
[Author was Steve Yee]
[Posted on 27 Feb 1995 07:45:05 GMT]

There was a brief mention about the use of a Motorola Belt Clip with
a Yaesu FT-530 Dual Band HT. Does anyone have details about
which belt clip is used ? Or is this a black hole mod mentioned
just to kill bandwidth ???

Thanks, and 73's

Steve

---
sgyee@phx.ramp.com	Become a member of the largest
71431.2137@compuserve.com	street gang in America.....
Amateur Radio Callsign: KC7ALZ	- THE COPS !! -

| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |

2578. Re: Oaklahoma Comm Center???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 08:38:32 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.485.0008A4AA@WichitaKS.HMPD.COM>
Source record: 251565

In article <3ivp5c$5fc@superb.csc.ti.com> w5kne@mcimail.com writes:
>From: w5kne@mcimail.com
>Subject: Re: Oaklahoma Comm Center???
>In article <3iqnpr$3t4@floyd.santarosa.edu>, <jthompso@nermal.santarosa.edu>
>writes:
> >> I am seriously considering buying a FT-530 from the OK Comm Center...
>----------------------------Response--------
>John: I have purchased equipment from OK Comm Center and have had no
problems.>73,

That just means out of the box the gear was ok and has nothing to do with how good their service is which is the real question.

2579. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 12:50:39 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <794062239snz@microvst.demon.co.uk>
Source record: 251555

In article <3ivo4i$jqf@odin.community.net> sbaldwin@community.net writes:

> I'm studying for my General License right now, and the book from
> Gordon West mentioned that, in an emergency, we may use ANY FREQUENCY
> to summon aid. However, it also said that POLICE CHANNELS are taboo.

Well that's just dandy! Clearly, if you get into trouble with this advice,
Gordon will come by and bail you out :-)

There seems to be a confusion between what Part 97 permits and what it
does not forbid. It would be a serious mistake to act with the assumption
that what Part 97 does not forbid is thereby permitted without limit.

Apart from FCC communications emergencies, RACES and the President's War
Powers, this is how the FCC guides us:

97.403 Safety of life and protection of property. - No provision
of these rules prevents the use by an amateur station of any means of
radiocommunication at its disposal to provide essential communication
needs in connection with the immediate safety of human life and immediate
protection of property when normal communication systems are not
available.

Remember that part 97 does not prevent anyone from saving lives or property.
That is not the same thing as saying that part 97 PERMITS anyone from
exceeding the permission of their license grant. If you get into trouble,
you will receive a complaint under some other federal or local code and it
will not be as a breach of Part 97.

No one ever said life was meant to be too easy!

Good luck with your General test.

73.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2580. 1750 METER BAND

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:12:04 UTC
From: S965544@UMSLVMA.UMSL.EDU
Message-ID: <173547354.S965544@UMSLVMA.UMSL.EDU>
Source record: 251556

I'm thinking of building an FM tranciever for the 160-190 KH experimental band. I'm looking for anyone who has any experience with voice modulation (AM or FM) on these frequencies. I an aware of all of the problems and limitations that are associated with this type of project, but would like to hear from anyone who has actually tried it. Please respond directly to:

Bill Johnson <s965544@umslvma.umsl.edu>

2581. Amateur Radio: Elmers List Info and Administrivia

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:12:47 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/admin-1-794067164@gonix.com>
Source record: 251557
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/admin
Revision: 1.11 02/25/95 08:18:42
Changes: Minor changes
Posting-Frequency: posted on the 1st of each month

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via Usenet. Any other uses, please E-mail for permission.

[Special note: My E-mail addresses have changed, reflecting a move to Greater Omaha Public Access Unix, which was motivated by a desire to seek a stable site for the Elmers List for some time to come. See my signature below for the new addresses. My old E-mail addresses, at the University of Nebraska at Omaha, will probably work for the foreseeable future, but are not guaranteed.]

In order to standardize the Internet resource notation used in this Directory, I've decided to adopt Uniform Resource Locator (URL) format throughout. In addition to being a straightforward, human-readable, format for specifying File Transfer Protocol (FTP) archives, Gopher and World-Wide Web (WWW) servers, and Usenet newsgroups, it is also amenable to formatting as hypertext links in Hypertext Markup Language (HTML). For example, users viewing this document at the Ohio State World-Wide Web Server (see "How may I obtain the latest copy of the Elmers List?" below) will see all URL's converted to hypertext links on their WWW client. Rather than fumbling with the various conventions of FTP, Gopher, WWW, and Usenet News software, the document or directory referenced by a hypertext link is but one mouse-click (or key-click) away.

Scott Ehrlich has graciously agreed to be a WWW Elmer and provide further information about how to obtain and use WWW client software such as Lynx and Mosaic (see his entry). While I'm happy to incorporate the latest and most popular information-formatting standards into the documents that I maintain, I really can't allow myself to be dragged into the role of a WWW help-desk for all of the Internet. Please understand this when I politely refer you to other Elmers, easily-obtainable on-line documentation, or even local expertise such as resident gurus, consultants, or help-desks at your school, company, or information service provider.

I expect there to be a bit of controversy regarding my adoption of this somewhat radical new standard, especially to many users who can't or won't use WWW. Those users should be assured that I wouldn't have

adopted a standard unless it was easily human-readable by those accessing this document as straight ASCII (which is one of the main reasons why the entire Elmers list isn't HTML, MIME, MMDF, or one of many other competing, mostly non-compatible, information formats). The URL format is easily mapped into human FTP, Telnet, Gopher, and Usenet News reader commands. For example:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/README

Anonymous FTP to ftp.cs.buffalo.edu and get the file README under the /pub/ham-radio directory.

gopher://oes1.oes.ca.gov:5555/

Access the Gopher root page at oes1.oes.ca.gov via non-standard port 5555 (if the standard Gopher port of 70 was used, the ":5555" part would be replaced by ":70" or most likely not appear at all).

telnet://callsign.cs.buffalo.edu:2000/

Initiate a Telnet (remote terminal) session with callsign.cs.buffalo.edu via non-standard port 2000 (if the standard Telnet port of 23 was used, the ":2000" part would be replaced by ":23" or most likely not appear at all).

news:rec.radio.info

Access the rec.radio.info newsgroup on your Usenet newsreader from your local news server.

URL's that start with:

http:

Are only accessible via WWW client software (which is why almost all http: URL's in this directory also have corresponding ftp: or gopher: URL's).

For more information about URL formats, see:

http://www.cc.ukans.edu/lynx_help/URL_guide.html
ftp://nis.nsf.net/documents/rfc/rfc1630.txt
http://info.cern.ch/hypertext/WWW/Addressing/URL/URI_Overview.html

Disclaimer: While I have personally confirmed the accuracy of all URL's through the Lynx WWW client, any referenced documents external to this document are subject to future changes beyond my control. In addition, with networks and their administration being what it is, many services with up-to-date URL's may be temporarily unreachable. Please consult with your local gurus, consulting staff, or help-desk to confirm that it's a non-local problem, then ask the Elmer him or herself (me in the case of URL's which appear outside of individual entries). The currency and accuracy of URL's should be at least no worse than that of the Elmers entries themselves (which are each individually confirmed by me every 2 years, and updated within 1 month

on request of the Elmer).

A Brief Historical Overview:
++++++++++++++++++++++++++

If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described in the list of Frequently Asked Questions for this newsgroup.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Howard Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1947-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?
++++++++++++++++++++++++

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is a Usenet Elmer?
++++++++++++++++++++++++

With the ever-widening scope of the Internet, and the amateur radio newsgroups on Usenet, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I have started to maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area of expertise. I have set up an administrivia mailbox for this purpose (elmers-request@gonix.com, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?
++

There are currently 7 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the companion postings to this message, "Amateur Radio: Elmers Resource Directory [A-M]" and "Amateur Radio Elmers Resource Directory [N-Z]." Since the list is cross-posted to the following newsgroups:

news:rec.radio.amateur.misc
news:rec.radio.info
news:rec.answers
news:news.answers

on the 1st of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles or articles that are "threaded" to this one.

Also complain to your local news administrator (E-mail to "news" or "usenet" on your local host) if your local news server is configured to ignore Expires headers (and thus prematurely delete the articles) in worthwhile, mostly moderated, information newsgroups like those listed above.

2. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from the following sites:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elmers/

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the latest copy may be obtained from the mailing-list gateway for that newsgroup (along with many other informational articles about radio) when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway of rec.radio.info, or want a copy of the list right away, send E-mail to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index
send usenet/news.answers/radio/ham-radio/elmers/list/a-m
send usenet/news.answers/radio/ham-radio/elmers/list/n-z
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail within 24 hours (the mail-server uses batch priority to reduce system demand).

The last three services are experimental. I'm not terribly familiar with them, and cannot offer much technical support regarding their use. (I'd appreciate feedback on whether or not you find them useful, though.)

5. Internet Gopher: The latest copy of the list should be available from the following Gopher sites:

gopher://cc1.kuleuven.ac.be/
gopher://jupiter.sun.csd.unb.ca/
gopher://gopher.univ-lyon1.fr/
gopher://ftp.win.tue.nl/
gopher://gopher.win.tue.nl/

see also news:comp.infosystems.gopher

6. World-Wide Web (WWW): The latest copy of the list should be available
from the following WWW site:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/elmers/top.html

The advantage of reading the Elmers list at this site via WWW client
software is that all URL's are converted to hypertext links.

see also:

news:comp.infosystems.announce
news:comp.infosystems.www.misc
news:comp.infosystems.www.providers
news:comp.infosystems.www.users

7. Wide-Area Information Service (WAIS): The latest copy of the list
should be available from the WAIS server at:

wais://rtfm.mit.edu/usenet

see also news:comp.infosystems.wais

How may I contribute to the Elmers List?
++++++++++++++++++++++++++++++++++++++

By using this resource, you are benefitting the net by obtaining
assistance in the fastest and most efficient way possible. By
volunteering to appear on this list, you are contributing to the good
reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for
making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

2582. Amateur Radio: Elmers List Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:12:49 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/index-1-794067166@gonix.com>
Source record: 251558
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/index
Posting-Frequency: posted on the 1st of each month

Quick Search Index by Subject:

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

AMATEUR RADIO EMERGENCY SERVICE IBM PERSONAL COMPUTER (PC) AND
(ARES)/RADIO AMATEUR CIVIL CLONES
EMERGENCY SERVICE (RACES)
Angus
Battles Battles (including MS-DOS, Windows,
Chilton (EMA Radio Officer) and OS/2)
Humphries (ex-Asst. EC) Bellville
Stader (EMAS SEC) Bono (AutoExam, et al)
Cole
AMATEUR TELEPRINTER OVER RADIO Ehrlich
(AMTOR)/PACKET TELEPRINTER OVER Keller
RADIO (PACTOR)/RADIO TELETYPE (RTTY)
INTERNET SERVICES
Battles
Sayer (also decoding CHU's Bellville
ASCII time code) Ehrlich
Schleck
AMERICA ON-LINE Taylor

Stader (Host and Manager, MAIL/FTP/WWW SERVERS/ARCHIVES
Ham Radio Club Forum)
Bowen (rec.radio.amateur.*
AMERICAN RADIO RELAY LEAGUE Supplemental Archives)
(ARRL) Ehrlich (Boston ARC FTP archive
and WWW Page, ARRL WWW Page)
Battles (QST Features Editor, Goldstein (Packet Radio and TAPR
CT PIO) WWW Server)
Ehrlich (WWW Page) Harding (Ham Server)
Elmore (CO TC) Nerenberg (Contesting, DX, and
Goldstein (Volunteer Counsel - Technical Amateur Radio WWW Page)
Florida Only) Nielsen (TAPR)
Hare (Laboratory Manager)
Hill (TN TS) MAILING LISTS
Jahnke (VEC Manager)
Lau (Technical Consultant) Ackermann (TAPR Net-SIG)

Redding (Educational Advisor) BBS)
Sefranek (EMAS TA) Dodell (Land-Mobile Radio,
Stader (EMAS ASM and DEC) MARS Members)
Turner (Volunteer Counsel) Ardai (Many, see full entry)
Hill (Antique and Older
ANTENNAS Tube Equipment)
Madsen, et al (Iowa State Elmers)
Brewer (wire HF) Meredith (F6FBB Packet BBS)
Brubaker (HF) Nerenberg (DX)
Coyle (multi-band wire HF) Peckham (College Clubs)
Elmore Wier (Motorola HC11/HC16 and ICOM)
Graham, J (wire HF for
apartments) MEDIA (PUBLICATION/WRITING/
Halbert (simple designs) BROADCATING)
Hill (Mobile, including HF)
Humphries (VHF and multi-band Battles (QST)
wire arrays) Coletti, et al (Newsline)
Myers (and transmission Lau (QST/QEX)
lines) Moore (Co-Host, Ham Radio and More)
Ornitz (including computer Schleck (Usenet FAQ's)
modelling)
Rymell MEDIUM FREQUENCY (MF, 160 meters)
Salnick
Salyzyn Zurn
Sefranek (and Transmission Lines)
Silva MICROWAVE
Standerfer
Stine (wire HF) Hammill
Stockton Lau (Transverters up to
Taylor 24 Ghz)
Zurn (wire HF) van Vliet (including Power
Amplifiers, Low-Noise Amplifiers,
ANTIQUE AND OLDER EQUIPMENT and Mixers)

Bellville MILITARY AFFILIATE RADIO SYSTEM
Brewer (40's-70's) (MARS)
Hill (Mailing List)
Keys (including HF and CW) Dodell (Air Force, Mailing List)
Paperman (Manuals, Service Taylor (Air Force)
Information, and Literature)
Standerfer MOBILE
Turner (including Kenwood and
Ten-Tec) Carruth (FM and HT's)
Hare (RFI issues)
APPLE MACINTOSH COMPUTER Hill (including MF, HF)
Humphries
Bellville Keller (HF)
Ehrlich Salyzyn (HF CW)
Stader (List of Macintosh
Amateur Radio Software) NATIONAL TRAFFIC SYSTEM (NTS)

BATTERIES Elmore
Goldstein (NCS FL Net,
Hammill (Sealed Lead-Acid) Packet)
Meyers Salyzyn (Canada)
Sefranek (including Solar Zurn (Europe)
Operation)
NOVICE/TECH INSTRUCTION
BULLETIN-BOARD SYSTEMS (BBS'S)
Bellville (K-12 Educator
Gathergood (CQ Centre) and Consultant)
Leadmon (WB3FFV) Bono (AutoExam/AutoCW)
Meredith (F6FBB Packet BBS Chilton
Support) Hill (CW learning hints)
Larson
CALLSIGN DATA/NATIONAL TECHNICAL Madsen, et al
INFORMATION SERVICE (NTIS) Maia (W5YI Group Education
Division)
Carruth Myers (including basic
electronics and communications
CIVIL AIR PATROL (CAP) theory)
Redding
Moore Reeves
Standerfer Stader

COLLEGE CLUBS PACKET

Edwards Ackermann (including TCP/IP,
Madsen, et al TAPR, Net-SIG, and Kantronics
Peckham (Mailing List) D4-10 19.2kBaud Radio Modems,
Schleck Joint IP Coordinator for Ohio
Subnet)
COMMERCIAL EQUIPMENT Angus (TCP/IP, NOS, UUPC,
Tnet, and SNEWS, SCO Xenix
Bellville TCP/IP and Sendmail, IP
Dodell (Mailing List) Coordinator for CA - LA
Wier (ICOM Mailing List) County Subnet)
Battles (AX.25 and TCP/IP)
CW (MORSE CODE) Bellville (including Rose)
Cole (TCP/IP and NOS)
Bono (AutoCW) Coyle
Elmore Dodell (IP Coordinator for
Hill (learning hints) Arizona Subnet)
Keys (including CWIST HF CW Net) Goldstein (TAPR TNC-2 Firmware,
Salyzyn Packet Radio and TAPR WWW
Silva Server)
Stine Graham, J (KAMterm)
Stockton Leadmon (IP Coordinator for
Zurn (including European Maryland Subnet)
abbreviations) Madsen, et al (Iowa State Elmers)
Meredith (AZ VHF/UHF Digital
DIGITAL SIGNAL PROCESSING (DSP) Coordinator, F6FBB Packet BBS
Mailing List and Support BBS)

Bruhns Nerenberg (TCP/IP)
Edwards Nielsen (TAPR)
van Vliet (Filters, including Salyzyn (Canadian)
Integrated, Distributed, Sayer (VHF)
Lumped, and Active) Stader (TCP/IP and Macintosh)
Vail (TCP/IP, TAPR/9600)
EQUIPMENT TESTING/TROUBLESHOOTING
PART-15 BROADCASTING
Brewer (Tube Gear)
Bruhns (Low-Level/Low-Frequency Ornitz
Analog and Transmission Line
Measurements) POWER SUPPLIES
Coyle (Kenwood TS-830S and TS-940/AT
Service) Myers
Elmore (Troubleshooting) Sefranek
Hare (ARRL Laboratory Manager)
Myers PRODUCT INFO/FEEDBACK
Ornitz (Instrumentation)
Paperman (Manuals, Service Paperman (Manuals, Service
Information, and Literature) Information, and Literature)
Rymell (Electronics and Computer Wier (ICOM)
Service Work)
Salnick QRP (LOW POWER)
Salyzyn
Sefranek (including Power Supplies Halbert (HF)
and Amplifiers) Stockton
Standerfer (Test Equipment and Ardai (Mailing List)
Measurements) Zurn
Stockton
Taylor RADIO FREQUENCY INTERFERENCE (RFI)
Witte (Instrumentation)
Elmore
FREQUENTLY ASKED QUESTIONS (FAQ's) Hare (including Automotive,
Telephone, and Cable Television)
Bowen (Supplemental FTP Archives, Myers
Internet Callbook Server) Sefranek
Cheeseman (Australia) Stockton
Dodell (rec.radio.info Newsgroup) Witte
Ehrlich (World-Wide Web)
Goldstein (Packet Radio WWW Server, RECIPROCAL LICENSING/FOREIGN OPERATION
including Packet FAQ)
Hill (Antennas) Andrews (New Zealand)
Jahnke (VE Exams Scheduled) Salyzyn (Canada)
Kluft (General) Stockton (UK)
Stader (Macintosh Amateur Radio Zurn (Italy and Germany)
Software)
Turvey (United Kingdom) REPEATERS
Yee (Online Repeater Directory)
Battles
HANDICAPPED OPERATING Bellville (2m/6m/440)

Chilton
Madsen, et al Keller (220 Mhz)
Madsen, et al
HIGH FREQUENCY (HF)/ Sefranek (Building and
CONTESTING/DX Maintaining)
Witte
Battles
Brubaker SEMINARS/LECTURES
Chilton
Coyle (including Station Setup for Humphries
New Hams) Redding
Elmore (DX'ing, Contesting,
and Propagation) TELEVISION, FAST-SCAN (ATV)
Hill (Mobile)
Madsen, et al Chilton
Nerenberg (DX Mailing List) Hammill
Salnick Larson
Silva
Tidd (DXCC Databases) TELEVISION, SLOW-SCAN (SSTV)
Zurn
Langner
HOMEBREWING/DO-IT-YOURSELF
UNIX
Bruhns (including Low-Level/
Low-Frequency Analog, DSP, Angus (including SCO Xenix
Surface Mounting, and TCP/IP and Sendmail)
Transmission Lines) Carruth (System Administration,
Carruth (Digital Design, Phoenix, AZ Linux Users Group)
Software) Cole (including Linux)
Chilton Ehrlich
Edwards (including DSP) Nerenberg (especially System
Elmore (Construction Practices) Administration, Networking,
Halbert (QRP) and Electronic Mail)
Keys (Junk Box projects, National Salyzyn (including NeXTSTEP)
Electrical Code for Hams) Sayer (especially SunOS)
Kohnen (Tubes)
Lau (Transverters, VHF/UHF, VERY HIGH FREQUENCY (VHF)/
Filters, repeatable projects) ULTRA HIGH FREQUENCY (UHF)
Myers (Transmission Lines,
Analog and Digital Design) Battles (including Contesting)
Ornitz (Chemical and Toxic Material Bellville (2m/6m/440 AM/FM/SSB/
Use and Handling) Packet/QRP/Repeaters)
Rymell (Electronics and Computers, and Repeaters)
Low-Cost projects) Coyle
Salyzyn Hammill (including ATV, Weak Signal,
Sayer (Class-C Bipolar Amplifiers and DX)
and Phased-Lock-Loop Circuits) Humphries (2m FM)
Sefranek (Amplifiers, Batter/Solar Larson (Weak Signal)
Operation, Power Supplies, and Lau (CW/SSB to 222 Mhz)
Repeaters) Silva

Silva (Analog, Digital, Tubes, Witte (including Portable
Semiconductors, RF, Finding and Mountaintopping)
Parts)
Stine (Tube Amplifiers, VOLUNTEER EXAMINER (VE) PROGRAM
Receivers, and Exciters)
Stockton (including QRP) Ardai (ARRL VEC Mailing
Taylor (Tubes and Amplifiers) List
van Vliet (including Power Jahnke (ARRL VEC Manager)
Amplifiers, Low-Noise Amplifiers, Kohnen (W5YI)
and Mixers for Microwave) Maia (W5YI VEC)
Reeves
Sefranek (ARRL and W5YI)

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

2583. Amateur Radio: Elmers Resource Directory [A-M]

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:12:52 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/a-m-1-794067168@gonix.com>
Source record: 251559
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/list/a-m
Posting-Frequency: posted on the 1st of each month

More information about this list can be found in the companion posting
to this file, "Amateur Radio: Elmers List Info and Administrivia."

73, Paul, KD3FU

Amateur Radio Elmers Resource Directory (as of 03/01/95)
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- A -
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John Ackermann AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

My primary interests are in packet radio network building (particularly
higher speed stuff) and TCP/IP. I've got quite a lot of info on using
the Kantronics D4-10 19.2kB radios, as that's the hardware we've been
struggling with here.

TAPR (Tuscon Amateur Packet Radio) has formed a special interest group
to discuss issues of regional packet networking (Net-SIG). As a result,
the TAPR net-sig mailing list was born, and is now ready for operation.

This list is <not> intended to replace any of the existing packet-related
mailing lists. Its purpose is provide a medium for communications among
those interested in packet radio networking, both dealing with technical
issues and political/regulatory ones. We'll discuss things like how the
potential 219MHz band will fit into the networking picture, how to link
areas using different networking schemes, how to set network parameters,
etc. The list's charter will be posted there regularly.

The address of the list is net-sig@tapr.org and you can subscribe by sending
mail to listserv@tapr.org with the text "join netsig".

Apart from subscribing to the list, you can contact me for further details
about the Net-SIG (including upcoming conferences).

(See also Howie Goldstein and Bob Nielsen for more information about TAPR)

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP
numbers in Ohio to:
```

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

++

David Andrews ZL2SX

andrews@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
Advisory Group, which is responsible for all repeater coordination and
band-planning (LF, MF, HF, VHF, UHF, and above) in New Zealand. I would
be pleased to answer any queries with regard to reciprocal licensing or
frequency coordination that may arise.

++

Jeff Angus WA6FWI

jangus@skyld.grendel.com

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes,
And, I have successfully installed UUPC/extended 1.11k and SNEWS for those
MS-DOS afficionados out there. SCO-Unix tcp/ip and sendmail coming soon!

ampr.org IP Coordinator for California - Los Angeles County (44.016.xxx.xxx)

Hardware, software and wetware questions answered either with correct answers
or the name of someone who does know.

To contact: J. Angus PO Box 4425 Carson, CA 90749-4425 USA
Or Phone +1 310 324-6080 all day monday, 7 am - 10 am tuesday
through friday, 7 pm - 11 pm tuesday through thursday.

[Editor's note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

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Mike Ardai N1IST

n1ist@netcom.com

Maintainer of the following Boston Amateur Radio Club mailing lists:

newsline-list (Amateur Radio Newsline)
w1aw-list (ARRL Official Bulletins)
letter-list (ARRL Letter)
ky1n-list (KY1N VEC listing, Local Easterm MA VE sessions)
barc-list (Boston Amateur Radio Club mailing list)
barc-races (RACES in Eastern MA and Roy Engelhausen's CA posts)
fieldorg-l (ARRL Field organization discussions)
ham-tech (Untamed technical discussions about the hobby)
fox-list (Fox hunting (Radio direction finding))
qrp-l (QRP (low power) operating, equipment, contests, etc.)
arrl-exam-list (amateur radio license examinations scheduled in the US and
in some foreign areas.)
arrl-ve-list (ARRL VE Announcements, run by ARRL VEC Bart Jahnke)
arrl-nediv-list (Annoncements from the director of the ARRL NE division)

To join any or all of the above:

Send a message to:

majordomo@netcom.com

In the body of the message, type:

subscribe list_you_want

++
- B -
++

"""
Brian Battles, WS1O I Tel +1 203 666-1541, x222 I
QST Features Editor I Fax +1 203 665-7531 I "Stamp out sex:
ARRL HQ I Internet bbattles@arrl.org I Get married!"
Newington, CT USA I Amprnet ws1o@ws1o.ampr.org I
"""

VHF packet (AX.25 and TCP/IP)
HF SSB and RTTY
FM/repeaters
Clubs/activities
Public relations
Writing (for newsletters and ARRL publications)

My job at as QST Features Editor at ARRL HQ includes (among other
things) writing and editing general-interest feature articles for QST,
and writing the FM column, Up Front in QST and Strays.

I'm the "handling editor" (copy editor+) for other regular columns
conducted by other contributors, including Packet Perspective by Stan
Horzepa, WA1LOU; Public Service by Rick Palm, K1CE; Club Spectrum and
Section News by Steve Ewald, WV1X; How's DX? by Bill Kennamer, K5FUV;
Happenings by Jim Cain, K1TN; Contest Corral and Special Events by
Warren Stankiewicz, NF1J; Hamfest Calendar and Coming Conventions by
Gail Iannone; most of the contest rules announcements and results

articles; and I compile the Annual Index in the December issue.

I coordinate and often contribute to the New Books reviews and New Products listings scattered throughout the magazine, and often contribute to QST Product Reviews. I also wrote the "Modes" chapter in the 1995 ARRL Handbook and chapters in the ARRL Operating Manual, and I've contributed to several other publications, including W1FB's Help for New Hams (ARRL) and Ham Radio Horizons (CQ Communications).

I started working at ARRL HQ as QST Copy Editor in December 1989.

I'm 37 years old, I've been a ham since 1976 and I hold an Amateur Extra Class license. I'm a member of the ARRL, the ARRL A-1 Operator Club, Ten-Ten International Net (53313), and the Middlesex Amateur Radio Society/Connecticut Amateur Radio Emergency Service (MARS/CARES, an ARRL Special Service Club, in which I served two terms as president and a couple of years as newsletter editor). I'm also an ARRL Public Information Officer for the Connecticut Section. These days, most of my on-air time is limited to 2-meter and 440-MHz FM and 2-meter TCP/IP packet radio, although I crank up the HF rig when I can spare some time and try to join in VHF/UHF contests when I have the time and access to equipment. My favorite Amateur Radio activity is Field Day; the MARS/CARES club has a terrific time with that event every year.

I have about 10 years' experience with personal computers, including MS-DOS, Windows and IBM OS/2. I was a full-time professional commercial broadcaster for 12 years.

My latest volunteer public service project is that I'm the official Amateur Radio Liaison the the 1995 Special Olympics World Games, to be held in Connecticut. I report to Dr Chuck Bruder, N3AGA, the Special Olympics' Deputy Commissioner of Telecommunications. (This is supposed to be literally the biggest event in the US in 1995, and possibly the world! They expect 10,000-15,000 athletes, 45,000 international delegates from almost all nations, more than 500,000 spectators, about 20 hours of prime-time network TV coverage, and probably a visit from President Clinton and the First Lady...whew!)

++

Rob Bellville N1NTE

rbellville@aol.com

PO Box 515
Millbury, MA 01527-0515

Experience:
* Computer Networking Hardware Technical Engineer (Yuck!)
* Computer Education and Technology Consultant (PC/Mac HW & SW)
* K-12 Computer Educator/Instructor/Technician in a public school
+ Two-way Radio Consultant

+ NetRead(tm) author (Articles via Internet)

---
* present occupation(s)
+ on demand/when necessary

Interests:
VHF/UHF simplex
Duplex and simplex repeaters
Remote Bases
6M - AM/SSB/FM
2M - AM/SSB/FM/Packet
440 Mhz FM
Would try 1.2GHz if there was any local activity!
VHF/UHF QRP
Fixing radios old and new
Setting up a packet radio file server (ROSErver)
Internet - Usenet newsgroups, FTP, etc...
Scanners, SWL, and making CB radio useful again
PC and Mac computers - hardware and software
Communications for neighborhood crime watches
Caching radio equipment for that *special* occasion

Please feel free to contact me either by email or
US Mail. Will be happy to share the knowledge!

++

Rich Bono NM1D Internet: rbono@nectech.com
+1 508 635-6300 nm1d@aol.com

Author of the following MS-DOS ham programs:

AutoExam - Examination simulator and study aid
AutoCW - Morse Code practice program
DOSGATE - allows users to run programs on your PC remotely (AutoExam
compatible)
AutoCall - Allows use of the Buckmaster HAMCALL CDROM online callbook
with DOSGATE
AutoFax - Allows reception of weather fax using Kantronics TNC's
SeeSats - Real time satellite tracking (text only), DOSGATE compatible

Most of these programs are available via anonymous FTP from:

ftp://oak.oakland.edu/SimTel/msdos/hamradio/
ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

7 Redfield Circle
Derry, NH 03038

and enclose:

A FORMATTED high density diskette (either 1.44 MB or 1.2 MB; 3.5" or
5.25").
A Self Addressed STAMPED return diskette mailer.
A note explaining that you want a copy of AutoExam and/or AutoCW
(or one of the other programs).

I am always receptive to individuals interested in maintenance,
enhancements, and non-commercial distribution for these shareware
programs.

++

Devon Bowen KA2NRC

bowen@olsen.ch

Maintainer of the rec.radio.amateur.* Supplemental Archives available
from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

Maintainer of the Internet Ham Radio Callbook Server at:

telnet://callsign.cs.buffalo.edu:2000/

For further information about the Callbook Server, please consult the
server's help facility, the rec.radio.amateur.misc FAQ, or additional
server documentation at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_callsign

Please direct all other feedback, submissions and administrivia
regarding these services to my E-mail address above.

++

John M. Brewer WB5OAU "there's a reason the reset button
johnb@thelair.zynet.com on a PC is on the front panel."

Wire antennas, restoration, operation and parts/tubes supplies
for most 40's-70's vintage gear.

++

Alan Brubaker, K6XO
alan@dsd.es.com

HF Antenna Systems
Contest Operating
General HF Operations
Propagation

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Tom Bruhns K7ITM

tomb@lsid.hp.com

Electronic Circuits
Antennas and Transmission Lines

My electronics expertise is mostly analog, but I have some insights into DSP applications that can do better in what used to be the analog dominions. I can be of the most help with low-frequency analog stuff, particularly measurements and low-level/low-noise/low-distortion applications. I breadboard with IC's, discretes, and surface mounts (which I prefer to use now, as surface mounting requires less drilling of PCB boards once they are etched). My electrical engineering education (Ph.D.) emphasized control systems. I also have a clear understanding of transmission line measurements and behavior (a personal research interest for the last 25 years or so).

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- C -
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Rusty Carruth aka N7IKQ aka rusty@indirect.com
Broken: rusty@descomp.com
The Phoenix Linux User's group has formed! Details: me.
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting tapes (especially Callsign tapes) from the Department of Commerce National Technical Information Service (NTIS) or wanting other info on callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise, really!

My job is currently System Administrator for a large Unix site so I know a little bit about day-to-day Unix operations and Unix installation :-) I also have much experience with constructing email paths that will work rather than bounce.

I also have a fair amount of experience in hardware/software interfacing and machine control.

++

Mark Cheeseman VK2XGK

cheese@asstdc.com.au

Maintainer of the aus.radio FAQ

A copy of the FAQ may be obtained from:

ftp://grivel.une.edu.au/pub/ham-radio/aus.radio/faq/australia

Please direct all feedback, submissions and administrivia to my E-mail address above.

++

Ken Chilton
KA1TIH, Advanced Class
53 Alan Road
Marlborough, MA 01752
chilton@emc.com
Design Engineer

Amateur Qualifications:
Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47
Assistant Radio Officer for the City of Marlborough
Emergency Management Agency
NESMC Region 440 MHz frequency coordinator
Trained in Electronics Engineering, Electrical Engineering,
Computer Sciences, Computer Programming, and Management
Knowledgeable in Rules, Regs, and interpretations

Areas I am also interested:
Homebrewing
Repeater Hardware, Control, Operation
Packet (AX.25)
Net Control Operations
Electromagnetics and EMP
HF SSB and CW operating
Satellite and Shuttle operation
Amateur Television
Elmering new HAMs

++

Derrick C. Cole KC4WEJ

dcc@ssds.com

I'm a Network/Systems Analyst with a national systems integration firm.
My professional fortes are UNIX-based system administration, sendmail,
TCP/IP-based ethernet network engineering, network systems security
(including firewalls), and programming (primarily Perl and C).

I've had notable success dealing with issues surrounding PC's, DOS,
Windows and various applications/protocol stacks, including PC-NFS and
LAN Workplace.

I'm still clueless in the electrical/circuit department.

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< ^^^

< Fidonet: 1:278/712 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
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Relayer of Amateur Radio Newsline Bulletins

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Network. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline, and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Any other use is not allowed without the expressed permission of Newsline.

Editorial comment, news items and all other business should be directed to Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
E-Mail - 3241437@mcimail.com or B.PASTERNAK@genie.geis.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or
D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks - Steve Coletti (within the conference/echo) or
bigsteve@dorsai.org via Internet.
(RIME users can RO mail to ->35,
Fidonet users can Netmail to 1:278/307)
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See the entry for Scott Ehrlich for FTP archive information and receiving Newsline bulletins via E-mail.

++

William (Bill) Coyle N3OGH

wcoyle@delphi.com

AX.25: N3OGH@AA3CH.EPA.USA.NA

My primary experience is with HF communications, particularly with the Kenwood TS-830S and TS-940/AT. My preferred mode is CW, although I also use SSB. I have had experience with light service on both rigs (including the internal antenna tuner on the 940 and the tube finals on the 830). I have the service manual for the 940.

I am particularly interested in helping new hams design and set up HF stations with multi-band wire antenna arrays.

Other than HF, I am also involved in VHF and UHF, particularly 2 meters, and have recently gotten involved in packet radio (having gained some experience on the hardware end of setting up such a station).

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- D -
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David Dodell WB7TPY, AFA6GB

Internet: david@stat.com FAX: +1 602 451-6135
Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
Amateur Packet ax25: WB7TPY@WB7TPY.AZ.USA.NA

Member, USAF MARS

ampr.org IP Coordinator for Arizona subnet (44.124.xxx.xxx)

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

Owner of the Land-Mobile-Radio Mailing List

The purpose of this list is to allow discussion about commercial land-mobile radio equipment, its use and maintenance.

Owner of the Military Affiliate Radio Service (MARS) Members Mailing List.

The purpose of this list is to allow discussion about MARS (Military Affiliated Radio Service) activities. The list is open to all branches of MARS.

To subscribe to or unsubscribe from either of the above lists, please
send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either
land-mobile-radio or mars-list. An acknowledgement/welcome message
should follow very shortly.

Moderator of rec.radio.info newsgroup

Please direct all rec.radio.info submissions to
rec-radio-info@stat.com and all feedback and administrivia to
rec-radio-request@stat.com.

For more information about rec.radio.info, see:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/rec-radio-info/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/
news:rec.radio.info

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- E -
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Thomas Edwards N3HAU

tedwards@eng.umd.edu

http://w3eax.umd.edu/thomas.html

Technopagan Priest
Member, University of Maryland ARA - W3EAX

Digital Signal Processing (DSP)
Electrical and Electronics Engineering

The UMARA is running a World-Wide Web hypertext page at:

http://w3eax.umd.edu/w3eax.html

Give it a try!

++

Kim Elmore, N5OP
1103 South Gay Drive
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
n5op@wa8zia

I'm the Technical Coordinator for the Colorado Section.
Areas of expertise:
RFI/EMI
Antennas
DX'ing
Contesting
HF propagation
CW

Areas where I have enough knowledge to be dangerous:
Troubleshooting
Traffic Handling
Homebrewing and construction practices

++

Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

I've played around with Mac and PC hardware, as well as dabbling a
little with DOS, UNIX, and MacOS.

I co-maintain the Boston Amateur Radio Club anonymous FTP file archives
with Phil Temples, K9HI (k9hi@netcom.com).

A sampling of the archives include:

A virtually complete archive of all ARRL bulletins since 1992 is
available at ftp://oak.oakland.edu:/pub/hamradio/barc/w1aw-list/

A mirror of all files available from the ARRL info server is also
available: ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/

The ARRL infoserver mirror has FCC Part 97 (U.S. Amateur Radio Service
Rules and Regulations) at:
ftp://oak.oakland.edu/pub/hamradio/arrl/infoserver/rib/part97.txt

Programs mentioned in QST are in:
ftp://oak.oakland.edu/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:
ftp://oak.oakland.edu/pub/hamradio/docs/newsline/

Ham Radio and More, the radio show carried live every Sunday (6pm - 7pm
EST) on the Talk America Radio Network, now has a World Wide Web home page:

http://www.acs.oakland.edu/barc/ham-more/ham-more.html

The Boston Amateur Radio Club also has a World Wide Web Home Page:

http://www.acs.oakland.edu/barc.html

Due to the popularity of the KY1N VE listing and W1GSL's hamfest list,
I have incorporated both of these listings into the Boston Amateur Radio
Club's Web page:

http://www.acs.oakland.edu/barc/ne-happenings.html

With the cooperation of the Boston Amateur Radio Club, I have put
together a World-Wide Web page for the American Radio Relay League
(ARRL).

Since the ARRL does not yet have web capabilities of their own, this page
is being offered on the same site as the Boston Amateur Radio Club's web
page.

The address to access the page is:

http://www.acs.oakland.edu/barc/arrl.html

It has pointers to the ARRL Letter, E-mail addresses of HQ staff,
official League bulletins, and much more!

You will need Lynx, WWW, or Mosaic to view them (or you may obtain a
copy of the page via E-mail; send a message to listserv@info.cern.ch
with the word "help" in the body for more information). Ask me for
more details about this.

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- F -
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- G -
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Mike Gathergood G4KFK

mike@g4kfk.demon.co.uk

Tel +44 01753 582085
Fax +44 01753 592726

Sysop, The CQ Centre BBS

+44 01753 595468 and +44 01753 593524

Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs

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Howard Goldstein | "Civilization is the distance man | imotion@iu.net
N2WX | has placed between himself and | CIS:75006,702
InfoMotion, Inc. | his excreta" Aldiss |
http://iu.net/infomotion/hghome.html
"What doesn't kill me makes me stronger" Lisa

Wrote and maintain TAPR TNC-2 firmware (and some clones)
" " " TAPR and Packet Radio WWW Home Pages

Active on CW (NCS for Fri. Florida section net "QFN") and packet NTS
ARRL volunteer counsel (Florida _only_)

Packet Radio and TAPR are on the World-Wide-Web!

InfoMotion is proud to sponsor a series of web pages dedicated to Packet Radio. The series is accessible through the Packet Radio Home Page at this URL:

http://bb.iu.net/infomotion/pkthome.html

In addition, Infomotion is maintaining a Tuscon Amateur Packet Radio page for the time being:

http://bb.iu.net/infomotion/taprhome.html

What's here? A page of links (the Home Page), the TAPR Home Page, a page of Packet Pioneers and Contacts, a hypertext packet primer and FAQ, and more.

We seek: more packet-specific links to add and any comments and suggestions on how to make the series more useful. All ideas welcome, please send them to my E-mail address above.

(See also John Ackermann and Bob Nielsen for more information about TAPR)

++

Jim Graham

73 DE N5IAL (/4) MiSTie #49997 < Running Linux 1.0.9 >
jim@n5ial.mythical.com ICBM: 30.23N 86.32W
|| j.graham@ieee.org Packet: --OFFLINE-- (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I wrote and released as shareware.

My professional field is telecom (data communications is my key area of expertise).

I also have experience with wire HF antennas for apartments and other small spaces.

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- H -
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Dan Halbert KB1RT

halbert@world.std.com

QTH: West Newton, MA, near Boston.

Building homebrew QRP gear.
Information about QRP-NE Club.
Advice on simple antennas.

++

Brian Hammill, KD4BFJ | brianh@dante.exide.com
Software Engineer | Exide Electronics - Small Systems Group
Raleigh, NC | "Powering Your Network with Intelligent Solutions"

I am especially interested in VHF/UHF and microwave amateur bands as well as Amateur television. I am treasurer and a founding member of the newly-formed Triangle Amateur Television Association in Raleigh-Durham-Chapel Hill, NC. I am willing to share my expertise in the following areas:

ATV - Getting started, starting local activity, repeaters.
VHF/UHF - Propagation, what you need to get started, operating portable, contesting, weak signals, and DX.

Sealed Lead Acid Batteries - How to take care of them.

++

Steve Harding KA6ETB

steveh@grafex.sbay.org 408.252.0578 alternate: harding@nas.nasa.gov
For amateur radio related information, send a message to:
ham-server@grafex.sbay.org
Place HELP and GET INDEX on separate lines in the text.

HAM-server is now on a 486 with nearly 70 MB of data. Besides DOS, there are some UNIX, Mac, and OS/2 files.

Most files have been taken from the various ftp-servers world-wide. However, there are many programs that have been donated by HAM-server users.

++

Ed Hare, KA1CV | ehare@arrl.org
American Radio Relay League |
225 Main St. |
Newington, CT 06111 |
+1 203 666-1541 - voice
+1 203 665-7531 - FAX
ARRL Laboratory Engineer

Radio Frequency Interference (RFI) matters
Equipment Testing

My survey of automotive EMI problems is mostly complete. The results are in September 1994 QST, including warranty and customer service information for most automobile manufacturers (many of whom have

published installation guidelines).

I am also continuing to pursue more formal contacts and standards-making through the EMR and EMI Standards Committee of the Society of Automotive Engineers (SAE), of which I am a member.

Copies of General Motors installation guidelines are available. Saturn allegedly has a video on mobile installation, but none of the dealers seem to know about it. I have a call into one of my low friends in high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

EMI/RFI Resource List and RFI Tips package available. A business SASE with 98 cents postage is appreciated. Please specify the desired documents in your correspondence.

The FCC has released the results of a telephone interference survey just completed.

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ. Alternatively, you may obtain an electronic copy from the info server below.

If anyone is having a problem with CATVI, send a 9X12" SASE with 4 units of postage to the ARRL Technical Department Secretary. Ask for the "EMI/RFI Package" and "EMI/RFI - CATV." The CATV package includes a reprint of the article I wrote for Communications Technology -- the journal of the Society of Cable Television Engineers. Your local cable company will recognize this publication and will give credence to the words therein.

If you have any questions after you have read the material, contact me here at HQ. I can usually get back to you within a few days to offer some additional help.

Many amateur radio informational documents (including EMI/RFI files) are also available from the ARRL info server. Send E-mail to info@arrl.org with the word "HELP" in the message body.

ARRL info server files may also be accessed via anonymous FTP at:

ftp://oak.oakland.edu/pub/hamradio/arrl/

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Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

Jack GF Hill |Voice: +1 615 459-2636| Ham Call: W4PPT

P. O. Box 1685 |Modem: +1 615 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024 |Fax: +1 615 459-0038| Life Member - ARRL
root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"

Mobile Antenna Systems and Installation (Primarily HF)
- power distribution
- frame grounding
- antenna selection and construction
- mounting the rig
- useful accessories
- Keeping it Simple (avoiding task overload)

Coordinator for developing the FAQ list for the rec.radio.amateur.antenna
newsgroup. Please direct all submissions, feedback, and administrivia to
my E-mail address above. Volunteer co-editors are most welcome.

I have agreed to provide a new home for the "Boat Anchor" mail list,
with the blessings of Paul Prescott, N1AAC, who took over from Our
Esteemed Founder Jim Lockwood, KM6NK.

The new mailing list address is now
boatanchors@ThePorch.com.

Use this address for messages of general interest to the entire group
Please don't use it to subscribe, change address, etc.

The new automated list manager address is
ListProc@ThePorch.com

Use this for subscribing, unsubscribing, getting archived info,
getting the FAQ message, changing your address, etc.

The new list owner address is
ListOwn@jackatak.ThePorch.com

Use this address only when there is a problem which really
truly can't be resolved otherwise.

++

Ed Humphries Hewlett-Packard NARC Atlanta GA
N5RCK Internet edh@hpuerca.atl.hp.com

Past President, Williamson County (TX) ARC
Former Assistant Emergency Coordinator for
Williamson County ARES/RACES

2-meter FM, VHF Antennas, Mobile Installations
Organizing Amateur Radio Seminars and Programs
Multiband wire antennas, Field Day Activities
and general WeatherNet & public service enthusiast

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- I -
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- J -
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Bart J. Jahnke, KB9NM | USENET: bjahnke@arrl.org
Manager, ARRL Volunteer |
Examiner Program |
ARRL VEC Dept. | BIX: ARRL
225 Main St | MCI ID: 215-5052
Newington, CT 06111 | CompuServe: 70007,3373
Voice +1 203 666-1541 | America On-Line: ARRL HQ
FAX +1 203 665-7531 |
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* Listings of Examination Opportunities -- bi-weekly postings
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/
* Volunteer Examining procedures - ARRL VE Manual
* Support and Instruction for Volunteer Examiners - Coordinating Exams
* Member, National Conference of VECs Question Pool Committee
* Information on what's required to become an Amateur Radio licensee
* Contributing Editor - QST Magazine - Exam Info column

See the entry for Scott Ehrlich for information about receiving
ARRL VE announcements and examination schedules via E-mail.

++
- K -
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Michael S. Keller AB5EL

71620.447@compuserve.com

Areas of particular knowledge:

PC-style computers
Mobile installations (rearranging mobile HF right now)
Repeaters (after a fashion--building a 1.25m repeater)

++

R.D. Keys

Dept. of Crop Science
NCSU
Raleigh, NC 27695-7620

rdkeys@csemail.cropsci.ncsu.edu

de NA4G, "Boat Anchor Bob", an ol' cw fart .....

If I can be of assistance in older equipment, junk-boxing
your way to hamdom, the cheapskate's approach, let me
know.

22 yrs a ham, extra class, mostly cw, mostly boat anchors
and radio in the traditional sense.

{Telegraphy has been in my family for almost 100 years!}

CWISTS Friday Night Fist Function

Standard time: Friday Nights at MIDNIGHT LOCAL TIME

Standard freq: 80 meters --- 3702.5 khz for all hands.
40 meters --- 7102.5 khz alternate, for all hands
(between the heterodynes)
(someone scout out a better QRG)

Standard calling signal: CWIST IMI DE <yourcall> K (if there
are no control stations calling for
you to check in), or,
CWIST DE <yourcall> K (if there is a
control station inviting checkins)
(The alternative check in for those OTs
with salt behind the ears is a simple
DE to get the control station's ears
followed by DE <yourcall> K when the
control station acknowledges.)

Note: A simple informal net style protocol will generally be
used, unless no control station assumes control for the
evening, in which case it is an open roundtable format
discussion group.

Note: The midnight local time gathering is designed to maximize
the number of checkins spread out over the world, so less
confusion and more checkins are heard. The hope is that
someone will be aboard almost anywhere and be heard at
least locally, anywhere in the world.

Definition: A CWIST is a person with an active interest in the PRACTICE
and USE of continuous wave radiotelegraphy as directly is
applicable to amateur radio. Such PRACTICE and USE may
take the form of learning about radiotelegraphy and its
history in amateur/commercial areas, its application to radio
telecommunication, the practicing of the art and craft of
radiotelegraphy, and the refining and developing of the
technology of radiotelegraphy.

Author of NA4G's National Electrical Code for Hams

ABSTRACT

This work was presented as a talk to the Homebrew Special
Interest Group (HB-SIG) of the Raleigh Amateur Radio Society
(RARS), on 15 January, 1991 and was revised for another
presentation on 26 January, 1994.

This document contains excerpts of the National Electrical
Code (NFPA 70-1990) that, in the author's opinion, apply to
the installation of amateur radio equipment as would

commonly be found in most amateur radio stations. Direct
excerpts from the Code are contained within inset
quotations. Paraphrased excerpts from the Code are
itemized. The author's interpretation and discussion of the
Code is set full-width. The author's interpretation and
discussion of various sections of the Code is not meant to
be all-encompassing, nor the official interpretation of the
National Fire Protection Association, nor of any official
governing body having legal authority of jurisdiction over
electrical installations, but is meant to be used as a
teaching tool for amateur radio operators.

For ease of access, the group of files have been 'rolled into one'...

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/nec-1994.
tar.Z

(861,677 bytes, for Unix jocks)

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/nec-1994.
zip

(732,309 bytes, using PKZIP 2.04g for MS-DOS users)

++

Ian Kluft KD6EUI PP-ASEL
ikluft@thunder.sbay.org (home) ikluft@oes.amdahl.com (work) Santa Clara, CA

Maintainer of rec.radio.amateur.misc and rec.radio.cb FAQ lists

Available from:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/faq/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq/

and

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/cb-faq/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/cb-faq/

Please direct all FAQ submissions, feedback, and administrivia to
hamradio-faq@kluft.com or cb-faq@kluft.com.

As with any volunteer effort, new volunteers are often needed. We need
new editors to post the above FAQ's. Preferably this should be someone
who has enthusiasm for hobbyist radio, experience with UseNet, and the
ability to work with the other editors. No single person can know all
the various aspects of these diverse hobbies so the editorial review
groups are intended to make a greater combination of experience.

The FAQ's are currently posted with the AUTO-FAQ software, which is
written in Perl. So it would be a plus for volunteers to post the FAQ
to have Perl installed on their system and be able to use "cron" or "at"
so that postings can go unattended.

Anyone who wants to make their contribution to the Net as a volunteer should contact one of the above administrivia addresses.

A mailing list for rec.radio.amateur.* FAQ and Netiquette posting maintainers, as well as anyone with a sincere interest in helping keep the rec.radio.amateur.* newsgroups the friendly and useful forums they are today, is also available. To subscribe, send E-mail to rra-wg-request@amdahl.com.

++

I'll be glad to help out with tube circuits and VE testing.
(W5YI VE# 3182)

73,
Louis J. Kohnen K2ANC
Penfield, NY near Rochester

K2ANC.Wbst128@xerox.com

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- L -
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John Langner WB2OSZ
115 Stedman St. #E
Chelmsford, MA 01824-1823
+1 508 256 6907 (home - civilized times only please)
johnl@world.std.com

Slow-Scan Television

++

Alan Larson WA6AZP

larson@net.com
larson@w6yx.stanford.edu

My areas are fairly general, and I teach classes (Novice and Tech, with and without code, and upgrade sessions) at W6YX. My main audience is to the Stanford (University) community.

I am also involved with some less common modes, such as fast scan television and weak signal VHF and UHF.

++

Zack Lau KH6CP/1 Expertise: Design of SSB/CW amateur transceivers
c/o ARRL Lab : up to 222 MHz. Design of transverters
Newington CT 06111 : up to 10.5 GHz. Basic lossy filter
+1 203 666-1541 : design. Developing repeatable projects
zlau@arrl.org : using cheap, easy to get parts.

I'm now starting to look into 24 GHz SSB/CW gear using 10 Ghz as a convenient IF.

Especially looking to help anyone wanting to be a QST/QEX
author--I can't write it all myself!

++

Internet : howardl@wb3ffv.ampr.org | Howard D. Leadmon WB3FFV
UUCP : wb3ffv!howardl | Advanced Business Solutions
PHONE : +1 410 661-0447 | 4107 Martin Avenue
FAX : +1 410 661-0644 | Baltimore, MD 21236
PACKET : WB3FFV @ WB3FFV.MD.USA.NA |

HOW TO ACCESS THE WB3FFV AMATEUR RADIO INTERNET BBS !!!

I have placed a BBS system on-line that is mainly oriented towards the
Amateur Community (but there are plenty of other wares on-line). Through
user support I hope to keep the latest and greatest ham software on-line.
The BBS also offers access to nearly all of the Internet (USENET) NetNews
groups, plus access to most Internet services such as Email, FTP, TELNET,
Gopher, WWW, Callsign Lookup, Etc... Below is the information that is
needed in order to access the BBS via Telephone, Telnet, or FTP. Please
pass it around to as many ham's as possible.

System Name: WB3FFV
User Login: bbs

+1 410 661-2475 - 12/24/48/96/14.4/16.8/19.2/21.6/28.8
(V.32bis,V.32terbo,V.34,V.FC,HST,V.42bis)

+1 410 661-2648 - 1200/2400/4800/9600/14400/23000
(MNP2-5, V.32bis, V.42bis, Turbo-PEP)

TELNET/FTP - wb3ffv1.sed.csc.com

Data Settings: 8 Bits, NO Parity, 1 Stop Bit
Times: 24hrs/365days (except for routine maintenance)
Software: UniBoard UNIX BBS Software (Version 1.30b)
Misc. Info: Machine is an Pentium-90/MP running UNIX System V Release 4.2
and features more than 4 Gigabytes of on-line file storage.
Most transfer protocols are available!! (5 phone lines)

I attempt to keep the latest and greatest HAM software on-line, and
encourage all to upload anything new that they come up with, as it is
of benefit to all. Here is a sample of the software that is available
for downloading:

KA9Q TCP/IP Software for the PC (Latest OFFICIAL release + TEST Versions)
KA9Q TCP/IP for the Atari-ST, MAC, & Amiga
KA9Q TCP/IP for UNIX based systems
KA9Q TCP/IP (The NOS release) [UNIX, MS/DOS, Amiga]
KA9Q TCP/IP (Version by G1EMM, PE1CHL, PA0GRI, Etc.)
N2GTE Packet Message Switch [GTEPMS]
WA7MBL BBS for the PC
W0RLI BBS for the PC
MSYS BBS for the PC running KISS TNC's

AA4RE BBS for the PC (plus BETA versions)
F6FBB BBS for the PC
G8BPQ PC-Node (Version 4.08)
Various BBS utilities and enhancements
Several MORSE CODE Tutors
TheNet software by NORD><LINK
Modifications for many HAM Rigs and Scanners
Digital Signal Processing software (DSP)
DX and contesting programs

If you are interested in using UUCP to connect to the BBS, this can also be done as I support Anon-uucp. The login to the system is 'uucpanon', and there is NO password. The listing of avalible archives are stored in a file called 'FILES', and it is located in the /var/spool/uucppublic. To retrieve the files listing just use the following command:

uucp wb3ffv!~/FILES /usr/spool/uucppublic (ASCII Text)
-or-
uucp wb3ffv!~/FILES.Z /usr/spool/uucppublic (16-Bit Compressed)
-or-
uucp wb3ffv!~/FILES.gz /usr/spool/uucppublic (GNU Gzipped)

This will move a copy of my file listing into your uucppublic directory.

If you want to access the BBS via Telnet, all you have to do is TELNET to wb3ffv1.sed.csc.com, and login is 'bbs' with no password required. To use anonymous FTP, just ftp to wb3ffv1.sed.csc.com and login as 'anonymous'. This system is currently attached to the Internet via a dialup SLIP link, and should generally be available 24hrs, but at times the modem will drop the line. Also, since this isn't the fastest link, I will be limiting the maximum number of anonymous sessions for the moment.

ampr.org IP Coordinator for Maryland Subnet (44.060.xxx.xxx)

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/ampr_coordinators

]

If you have any questions or problems, feel free to contact me at one of the numbers/addresses above. Good Luck...

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- M -
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Dean R Madsen, KE0WO Computer Science Major
Internet: dmadsen@iastate.edu Iowa State Univeristy
ke0wo@iastate.edu Ames, Iowa

AX25: KE0WO @ KE0WO.#NWIA.IA.USA.NA
Secretary for the Tristate Amateur Packet Association
Treasurer for the Cyclone Amateur Radio Club

A few members of our ham radio club were interested in helping out. Since our turnover is usually 4 years or so (graduation is a horrible thing), I thought it may be difficult for us to keep the list up to date. I thought that by creating a local mailing list called "elmers@iastate.edu" we could add or remove people as need be. There would always be at least one person receiving mail on that list, usually more! Even after I graduate, this list will be maintained allowing ISU hams to easily help others.

Currently we have people with packet experience, some HF experience, much repeater experience, in addition to a considerable background in theory, as many here are electrical engineering or computer engineering students. If a question can not be answered by the readers of the list, there are many other local hams that could be prodded for the info.

Our local ham radio club has been especially interested in helping local disabled hams (or hams to be) get on the air. But anyone local who needed help would find a group at their door ready to work.

++

Fred O. Maia W5YI

3511297@mcimail.com

The W5YI Group, Inc.
P.O. Box 565101
Dallas, Texas 75356
Tel. +1 817 461-6443

This firm consists of two separate divisions:

EDUCATION DIVISION:

Develops and distributes amateur radio self-training materials, including the Gordon West/WB6NOA line of audio, video, computer software and printed study materials. Credit card orders and information from (toll free): +1 800 669-W5YI (9594). All materials are guaranteed current and shipped within 24 hours with 2-day priority delivery. They offer a special discount for instructors conducting training classes.

W5YI Amateur Radio written license exam and Morse code training products are also available from every Radio Shack nationwide. Color photograghs of the major training products are available at their Express Order or Radio Shack Unlimited desk.

THE W5YI-VEC:

Coordinates the activities of more than one thousand volunteer examining teams world-wide. The locations of test sites near you can be determined by calling +1 817 461-4663 anytime, including evenings and weekends. Any General, Advanced or Extra Class amateur may form their own VE team by calling +1 817 860-3800 during normal business hours.

All examination results are electronically filed with the FCC. Amateur radio licenses and call signs are normally issued within 48 hours of VEC receipt of the examination paperwork. New amateurs may determine their call signs by calling the FCC's toll free consumer assistance line: +1 800 322-1117.

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Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1 602 489-7384
P.O. Box 45378 Fax : +1 602 956-2566
Phoenix, Arizona BBS : +1 602 912-0225
85064-5378

ListOwner: F6fbb-List@phx-az.com & FBB@N7MRP.AZ.USA.NOAM
Arizona Amateur Radio VHF/UHF Digital Coordinator

Ax.25: N7MRP@N7MRP.AZ.USA.NOAM
Internet: Sysop@phx-az.com

The F6FBB Support BBS Is Available Via E-Mail & LL Dial-Up +1 602 912-0225.
E-Mail ---> archie@phx-az.com
HELP <-----SUBJECT

The F6FBB Support BBS Is Also Home To The F6FBB ListServ.
Internet ---> Send E-Mail To Sysop@phx-az.com for Subscription Information.

There is Also an Ax.25 F6FBB ListServ.
E-Mail ---> SP LSERV@N7MRP.AZ.USA.NOAM
SUBSCRIBE <----SUBJECT
SUBSCRIBE FBB <----1ST LINE OF MESSAGE TEXT.

++

John Moore 7525 Clearwater Pkwy, Scottsdale, AZ 85253 USA
ozone@primenet.com Amateur call:NJ7E Civil Air Patrol:Thunderbird 381
Voice: day or eve:+1 602 951-9326 FAX:+1 602 861-7642 (by prior arrangement)

Civil Air Patrol

Co-Host - Ham Radio and More

Ham Radio and More is available for free to any AM station that is willing to run it with national ads intact. If you want there to be a nationwide amateur radio talk show, call your local station and ask them to get the program. They don't have to be part of the Talk America network. They can call KFNN in Phoenix (+1 602 241-1510) or Talk America at

+1 508 460-0588.

See the entry for Scott Ehrlich for the Ham Radio and More World-Wide Web Page.

++

Bob Myers KC0EW
Hewlett-Packard Co.
Ft. Collins, CO

myers@fc.hp.com

Antennas, Novice/Tech instruction, batteries, power supplies, RFI, equip. testing/troubleshooting, FAQs, homebrewing. Basic theory questions also welcome.

My particular interest is in antennas and transmission lines, but I'm also more than willing to answer whatever I can in general radio theory, propagation, analog and digital electronics, etc.. (I'm a display engineer in "real life", have done my share of digital design, and have taught communication electronics at the local community college. I'm also active in some display and television standards activities.)

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(Continued in next part.)

2584. Amateur Radio: Elmers Resource Directory [N-Z]

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:12:58 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/n-z-1-794067171@gonix.com>
Source record: 251560
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/list/n-z
Posting-Frequency: posted on the 1st of each month

(Continued from previous part.)

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- N -
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Lyndon Nerenberg VE7TCP/VE6BBM

lyndon@canada.unbc.edu.

I'm heavily involved in Internet Protocol (IP) networking over packet,
as well as system administration of UNIX and UNIX-like operating systems
(with an emphasis on networking, E-mail, etc.).

Maintainer of the Internet DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@unbc.edu

with the following line in the message body:

subscribe DX Your Name

I also maintain an amateur radio related WWW page at:

http://canada.unbc.edu/radio/

It focuses primarily on Contesting, DXing, and technical matters.

++

Bob Nielsen, W6SWE Internet: w6swe@tapr.org
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
[44.124.12.16] AX.25: W6SWE@WB7TLS.AZ.USA.NA

Tuscon Amateur Packet Radio (TAPR)

I am no longer a TAPR officer, but try to help out with the TAPR file
server and am the "official" contact person on the Internet and CompuServe
(71540,2364).

To access the TAPR file server, send E-mail to:

file-request@tapr.org

To get the help file and a list of available files, send the following commands in the body of the message:

help
dir
quit

All mail sent to that address is not read by a human. Conversely, mail sent to tapr@tapr.org is read by a human who will be glad to take your orders or process membership applications, but cannot send you file server files.

(See also John Ackermann and Howie Goldstein for more information about TAPR)

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- O -
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Dr. Barry L. Ornitz WA4VZQ
Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
Kingsport, TN 37662 +1 615 229-4904
INTERNET: ornitz@emn.com

Part 15 Low-Power Broadcasting

Antennas (including expertise in computer modelling using MININEC and NIST modelling programs)

Instrumentation (my profession)

Chemistry advice related to Amateur Radio (corrosion, plating, PCB etching, disposal of wastes such as transformer oil, solvents and etching solutions, contact cleaners, toxic chemical exposure, etc.)

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- P -
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W. David (Dave) Paperman WQ5Y

wpaperman@msmail.his.tch.tmc.edu

P.O. Box 7039
Cut 'n Shoot, TX 77303-0039
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)

I have a collection of service information and literature dating back to the 1920's. I will be happy to assist those needing copies of out-of-copyright information for specific makes and models of receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of all types. Unfortunately I have not taken the time to catalog all this information, but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment, (and I have the information in my collection) I will research and copy it for you. Cost will vary depending on the time required to find the information and the amount of pages to be copied. I estimate 10 pages or less at $1.00/page including US postage. I will quote on larger manuals.

This is NOT my career or a business. Any requests must be prepaid or I will ship COD at additional postage costs.

++

Chris Peckham WG2W

cdp@hertz.njit.edu

Owner of Ham-Univ Mailing List for College and University Amateur Radio Clubs

To subscribe, send E-mail to listserv@listserver.njit.edu. In the body of the message, write:

SUBSCRIBE HAM-UNIV

and you should get an acknowledgement very shortly.

To post to the list, send mail to ham-univ@listserver.njit.edu. To unsubscribe, send mail to listserv again and put:

UNSUBSCRIBE HAM-UNIV

in the body.

For general help about the listserver, send "HELP." Problems that can't be solved any other way should be sent to my E-mail address above.

Remember to use ham-univ only for message posts and to keep the listserv updated with respect to your E-mail address (or lack thereof) to save work for those of us at the New Jersey Institute of Technology who have extended this service.

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- Q -
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- R -
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Terrence R. (Terry) Redding WB5LMJ

DOMAIN: terry%red@lawton.lonestar.org
UUCP: . . . !rwsys!lawton!red!terry
PACKET: WB5LMJ @ WB5MJS.OK.USA.NA
Voice +1 405 536-8822, Ben's Place (Benjamin Franklin) BBS +1 405

536-6988 (9pm to 6am)
PhD candidate, University of Oklahoma in Adult and Higher Education
Educational Advisor, American Radio Relay League
116 SW 75th Street, Lawton, Oklahoma 73505

I am primarily an adult educator conducting research in self-directed learning. I have been involved in the following activities:

- Teach licensing classes, since 1974.
- Organize clubs, Stuttgart Amateur Radio Club, Panama Canal Astronomy Club, Lawton Astronomy Club.
- Public speaking and publish on growth in volunteer organizations, marketing adult and higher education and teaching amateur radio courses.
- Research in adult learning theory, adult motivation and organizational theory.
- Conducted a SAREX activity that involve seven communities, 21 schools and 3,000 children.

I am primarily interested in assisting amateur radio clubs grow.

++

Tony Reeves
AB6GA
QTH Beach Area of So. Los Angeles
Torrance, Redondo Beach, Hermosa Beach, Manhattan beach

tony@hacgate.scg.hac.com

Novice training, local VE for Novice-Tech tests,
General questions

++

John Rymell N3PFF
ryme@bloomu.edu
Bloomsburg University
Bloomsburg, PA

Over 25 years in electronic/computer service work.
Enjoy designing, building and operating vacuum tube and
solid state equipment. Experienced in wire antenna and tuners,
SWL, and Amateur Radio. Have real enthusiasm for building
just about anything from next to nothing (:^)!
Glad to help those in need.

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- S -
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Bob Salnick, Spokane,WA | UUCP: oliveb!isc-br!tau-ceti!DejaVu!salnick
Amiga 1000, WB 1.3 | INTERNET: salnick@DejaVu.spk.wa.us
WA9BVE |

I can help people with HF stuff, cheap antennas, and am willing to help troubleshoot problems with rigs.

I believe that one of the pillars of ham radio - construction/ understanding at the burn-your-hand-with-a-soldering-iron level - is drifting out of ham radio. With Japanese radios which cost so much, fewer and fewer hams are willing to risk their warranty to service their own equipment. I would like to see a turn-around here...

++

Mark Salyzyn, VE6MGS mark@ve6mgs.ampr.ab.ca

Qualifications:

Repair Technician
Electrical Engineer (14+ years)
Advanced Amateur (Canadian) since 1988

Advice of value:

HF + VHF construction, homebrew, repair, circuitry, programming and mods
Operating Mobile
Packet Radio (Radio, TNC, AX.25, TCP/IP, UNIX NeXTSTEP)
NTS (Former Net Control for 80m CW Alberta Traffic Net for 3 1/2 years)
Canadian Tests, Rules and Regulations (At least I can do some legwork if I don't know the answers.)
Antennas, Design and Installation
General Electronics, Repair, Diagnosis and Design
CW training
Having fun with Amateur Radio communications

Past Maintainer of Radio Amateurs on Usenet E-mail address directory

(still am an interested contact for this resource, though)

Raw Data:

http://www.cis.ohio-state.edu/hypertext/faq/usenet/radio/ham-radio/hams-on-usenet/top.html
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/rec-radio-info/hams-on-usenet/

Experimental Search Front-End:

http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback, submissions, and administrivia to hamlist@esi.com.au or hams-on-usenet@ve6mgs.ampr.ab.ca.

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Nick Sayer <nsayer@quack.kfu.com> | "I don't mind shooting, so long
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM | as the right people get shot."
+1 408 249 9630, log in as 'guest' |
URL: http://www.kfu.com/~nsayer/ | -- "Dirty" Harry Calahan

HF RTTY/AMTOR, Decoding CHU
VHF Packet
Unix, especially SunOS
Network Time Protocol (NTP)
Class-C Bipolar Amplifier Design
Phased-Lock-Loop (PLL) Theory (except for loop filters)

Maintainer of the FCC-Approved(*) PostScript(tm) Form 610:

ftp://ftp.kfu.com/pub/FCC-610

(*) To be completely official, the FCC requires it to be printed
on standard-weight, pale-yellow paper form stock.

++

Paul W. Schleck KD3FU

pschleck@gonix.com

Internet Services (Finding FAQ's, using Usenet, FTP, telnet,
Archie, FTP mail-servers, mailing lists, etc., etc.)

Club Activities, Examinations, and other events in the Omaha/
Lincoln/Council Bluffs (Eastern Nebraska/Western Iowa) area.

Also willing to provide newsreader kill/select file help to anyone
interested in customizing their presentation of the rec.radio.*
newsgroups

I would be particularly interested in mentoring/training new FAQ/Info
maintainers for the rec.radio.* newsgroups (see also Ian Kluft for FAQ
maintenance opportunities and the rec.radio.amateur.* Working Group
mailing list). To paraphrase Zack Lau, I can't post it all myself!

College Clubs

Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia
to elmers-request@gonix.com.

++

Tom Sefranek WA1RHP sefranek@osystems.com

Work: Home:
55 Old Bedford Rd. 112 Great Rd.
Lincoln, MA 01773 Shirley, MA 01464
Voice +1 617 259-4321 +1 508 425-6672
FAX +1 617 259-3124

ARRL & W5YI VE, ARRL TS, ARRL Instructor/Elmer

Amplifiers
Antennas/Transmission lines
Battery/Solar Operation

Homebrewing/Do-it-Yourself
Mobile Operation
Power supplies
Repeater Building/Maintaining
RFI Consultant

I prefer E-Mail to answer questions, etc.
but feel free to call if you like.

++

Mike Silva KK6GM

mjsilva@ix.netcom.com

Stuff I know:

Antennas
Circuitry (analog, digital, RF, tubes, semiconductors)
Construction
CW
Operation (HF, VHF/UHF)
Finding Parts

++

Terry Stader - KA8SCP/1, America Online Ham Radio Club Host

Internet: tstader@aol.com (files/messages less than 27K)
tstader@si.tiac.net (binaries/files greater than 27K)

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
ka8scp@ka8scp.ampr.org [44.56.4.82]

- registered ARRL Instructor (teaching for the last 6 years Novice/Tech
classes with an 87% pass rate)
- Host (Forum Manager) of the America Online Ham Radio Club Forum
- President for 6 consecutive years of an ARRL Special Service Club (The
Police Amateur Radio Team of Westford, MA - WB1GOF)
- ARRL Eastern Massachusetts Assistant Section Manager and District
Emergency Coordinator
- Area 1 Communications Officer for the Massachusetts Emergency Management
Agency (formerly Mass. Civil Defense Agency)
- Expertise with Apple // and Macintosh computers. (I have over 80 MB
of Mac ham radio software available.) and ham-related
- Operate TCP/IP with Macintosh
- plus all around source of information about communications

Maintainer of Macintosh Amateur Radio Software List

ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

++

Bill Standerfer * Hewlett-Packard Company
CFI-A, IA, ME * VXI Systems Division
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * +1 303 679-2378

I'm certainly willing to be an Elmer if there's a need. I hope I've
learned a few things since 1966 when I first went on the air. :-)
Here's a list of subjects I might be able to help with:

Combining amateur radio and flying
Antennas
Civil Air Patrol
General Operating Practices
Older (Tube) Equipment
Test Equipment and Measurements

++

Dave Stine WA2JTA/6

dstine@cisco.com

My areas of expertise are:

- vacuum tube amps, receivers, exciters
- CW operating tips
- wire antenna tips, hints & kinks

++

David Stockton, GM4ZNX

dstock@hpsqf.sqf.hp.com

SWL since 1960
Licensed since 1984 (UK full class A)
Degrees in electronics&comms and digital techniques etc.
Currently senior design engineer doing RF design

Fairly broad interest in amateur radio (but not contests!)

Antennas, Transmission lines,filters from fundamental theory to practice
Receiver structures and circuits from simple to state of the art.
Transmitters, ATUs
Test equipment
Wide experience of troubleshooting/repairing equipment.
Professional experience of EMC/RFI
QRP
UK Operation and Licensing

My morse is flaky, but I keep working on it
No interest in contests
No interest in packet radio or in fixing computers

Just wrote the new oscillator and synthesiser chapter for the 1995
ARRL Handbook. Also co-developed (with G3ROO) a robust phase-locked

summing loop circuit to replace the common mixer-filter LO frequency adder. A technical article describing the project was recently published in RADCOM.

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- T -
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Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
1106 Rayburn Ct. K9ALD AFA3WG
Mahomet, IL 61853 Outdoor writer (Fishing)
+1 217 586-4958 Skamania Reign Supreme!
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits, linear amplifiers, troubleshooting, Internet questions and software

Author of 1995 ARRL Handbook, Chapter 5 on Direct Current (DC)

Illinois Fishing Page at:

http://www.cba.uiuc.edu/~rtaylor/fish/fish.htm

++

Bob Tidd KJ6CS

inp@violet.berkeley.edu

Computerized DXCC databases and query software (written in BSD-Unix compatible C) available on request. Would welcome ports to IBM-PC or Macintosh.

++

Clark Savage Turner, Graduate Student Researcher
turner@safety.ics.uci.edu
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA 92717 Irvine, CA 92715
+1 714 856 4049 +1 714 856 2131

WA3JPG, QRP #3526
HHH WAS #489

Admitted to practice law in California, Massachusetts, and New York.
ARRL Volunteer Counsel

I would (have been doing it by default) be happy to be an Elmer in the area of older HF gear, especially QRP operation with Ten Tec Argonauts (and Power Mites, etc.). Also have experience with other 10-20 year-old economy HF rigs, particularly the Kenwood TS-520.

++

Paul Turvey, G1PJJ | Internet: paul@topsy.demon.co.uk
| Amprnet: paul@g1pjj.ampr.org
| AX25: G1PJJ@GB7ZAA.#34.GBR.EU

Maintainer of the uk.radio.amateur FAQ

Available from:

ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq

PKZIP'ed version available from:

ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq.zip

Please direct all FAQ submissions, feedback, and administrivia to
ukfaq@topsy.demon.co.uk.

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- U -
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- V -
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PrePRESS Johnathan Vail vail@prepress.pps.com +1 508 262-8354
---------+ 900 Middlesex Turnpike Billerica, Massachusetts 01821
solutions MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

Amateur TCP/IP

TAPR/9600 modem (putting some stuff together for a local repeater)

++

Frank E. van Vliet PA3FAQ

vanvliet@dutette.et.tudelft.nl

I am willing to answer questions about:

FILTERS integrated,
distributed,
lumped,
active etc.

MICROWAVES designing power amplifiers,
low noise amplifiers,
mixers etc.

(Email questions are preferred)

Frank E. van Vliet :-)
Delft University of Technology
Faculty of Electrical Engineering
Postbus 5031
2600 GA DELFT
The Netherlands

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- W -
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-- Round Up the Usual Disclaimers! --
Bob Wier, CS Dept., East Texas State University
wier@bobcat.etsu.edu - keeper of the
Motorola MC68HC11, Photo-3D, SD3D,
Icom Radio and Overland Trails mailing lists

The HC11 mailing list also encompasses discussion about the HC16 and
683XX series of micro-controllers.

The ICOM list is for not only Ham, but SWL, Scanning, and
Global Positioning System (GPS) equipment as well.

Subscription requests for any of these can be sent to

listserv@bobcat.etsu.edu

with the body of the message as:

Subscribe list-name <your full name>

for example

subscribe Icom Wyle E. Coyote

++

Bob Witte HP Colorado Springs Division
bobw@col.hp.com P.O. Box 2197
Phone: +1 719 590-3230 Colorado Springs, CO 80901
Radio: KB0CY
"There is no such thing as ground."

Mobile
RFI
Equipment Testing (instrumentation)
Repeaters
VHF/UHF (including mountaintopping/portable operation)

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- X -
++
- Y -
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Conway Yee N2JWQ
yee@mipg.upenn.edu
2144 East 21 Street
Brooklyn, New York 11229

Maintainer of the Universal and Free Listing of Repeaters for Radio Amateurs

This listing with all the data is available for anonymous FTP from:

ftp://mipg.upenn.edu/pub/yee/rptr010.Z

An experimental search and submission front-end is available at:

http://www.acs.ncsu.edu/HamRadio/scripts/repeaterdb.perl

As far as I am aware, all the data is freely redistributable and my intent is to make sure it stays that way. For this reason, I have applied the GNU General Public License.

The repeater project will now include repeaters from ALL bands and is not limited to the US. This reflects the intent to make this directory universal.

Contributions of data may be made by anonymous ftp to:

ftp://mipg.upenn.edu/pub/yee/uploads/

or via email to yee@mipg.upenn.edu

The data format has not been changed from the old format so contributions that you were planning to make (prior to my recent troubles) are still current and most welcome. This repeater listing will be of use if people take an active part in making it accurate and useful.

++
- Z -
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Martin A. Zurn IK2RMZ, DL1GBZ

Home QTH: v. Fermi 10, 21027 Ispra (VA) Italy
(Northern Italy near Swiss Border)
Position: Lat 45d49m N Long 8d38m E WW-Loc: JN45ht
On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy
E-mail at work: martin.zurn@jrc.it

Expertise:

Technical: Elbugs (incl. features like dot/dash memories, squeezing, touch sensors, auto spacing) Antennas used: Windom, Delta Loop, Trap Dipole, Marconi wire.

Operational: CW Operator since 1981, QRP Operation, Traffic handling nets (NTS, Swedish QTC nets) CW operating in several West European languages (Ham radio shorts, use of foreign CW characters in Italian, German, French, Spanish, and Swedish). QSLing (How to design a QSL that satisfies award hunters and operators of the QSL buro)

Club life: Mbr of AGCW, UFT, GQRP, HSC, VHSC, SMHSC, SCAG,...

Admin: License Regulations in Italy and Germany

Mathematics: Spherical Trigonometry, beam headings, calculation of
sunset/sunrise times, etc.

++

End of Directory

2585. Kenwood TR 2600 for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:15:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7214.545@acenet.com>
Source record: 251561

From: brian.carling@acenet.com

EJ>I have a Kenwood TR 2600 2m HT
EJ>2 batteries
EJ>wall charger
EJ>mobile power supply

What sort of condition is it in? Scratches? Dents?
Operates ok? or...

EJ>best offer
EJ>reply by e-mail
EJ>jonland@primenet.com

Want to swap it for a REALLY nice (new looking) color printer?

Color printer, Fujitsu DX-2300, electrically identical to Epson EX-800
Uses ribbon/dot matrix. Many color combinations possible. Does
excellent graphic printouts etc. Low hours, mint..... $115.00

Printer stand, white, vinyl covered basket style. New... $ 9.00

Internet ----- brian.carling@acenet.com
Reply here or call (301) 990-6070 BEFORE 10 pm EDST

I'll throw in the printer stand too if you want it.

• SLMR 2.1a • What THIS country needs now is COUNTY CRICKET!!!

2586. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:52:17 UTC
From: zornwl@cosmail4.ctd.ornl.gov
Message-ID: <52294.zornwl@cosmail4.ctd.ornl.gov>
Source record: 251562

On 28 Feb 1995 19:10:43 -0600,
David A. Webb <mudaw@uxa.ecn.bgu.edu> wrote:

>Bob Calkins is an so ignorant of FCC regulations, it makes me
>wonder how he got the title "communications Officer".
>
>I think everyone has heard about the California ham who was cited
>for using his modified ham radio to report an emergency. SO WHAT!

{Lots Deleted - Blah Blah Blah}

>The question "is it legal to TX on police band in an emergency?"
>is a bit more vague. Technically speaking, the wording in the CFR
>indicates it not legal, even in an emergency.
>
>[47 C.F.R. $97.403] reads "No provisions of these rules prevents
>the use by an amateur station of any means of radiocommunications
>at its disposal to provide essential communication needs in
>connection with immediate safety of human life and immediate
>protection of property when normal communication systems are not
>available."
>
>Okay, but [47 C.F.R. $97.3] defines an amateur station as "A
>station in an amateur radio service consisting of the apparatus
>necessary for carrying on radiocommunications."
>
>Therefor, you can use any means of radiocommunications, as long as
>it is in the amateur radio service.
>
>But, who out there thinks anyone would ever get into trouble for
>saving a life by transmitting on police channels. The intent of
>the FCC wasn't to prohibit amateurs from using police frequencies
>in an emergency. Actually, I doubt too many people realize exactly
>how this is worded. Regardless of the technicalitys, the FCC is't
>going to get too worked up about use of police channels in an
>emergency.
>
>Don't get me wrong, I sympathize with departments which get
>interference from citizens with radios like ours. But for the most
>part, I truely believe the ham community is doing more good for the
>world than harm. Who is always there in an emergency? Who is
>always striving to improve foreign communications/relations. Not
>COPS.
>
>Cops should be more concerned with the fact that ANYONE can legally

>buy ham radios. Anyone can get an amateur to modify a radio for
>them. Therefore, anyone can legally possess (in most cases) an
>amateur radio which can TX on police frequencies.
>
>I doubt anyone can find errors in any of this, but if I goof,
>please let me know. I strive to support any claim I make with
>proof, and if I make a mistake, I would like my correction be made
>with proof as well.
>
>Thanks all,
>Dave
>N9HUR
>mudaw@ecom.ecn.bgu.edu
>

I think Dave's right on - with the following "intent" added. To me the argument has been one sided in support of using 47 C.F.R. $97.403 to justify out-of-band emergency communication in other services. BUT my reading is we are mandated to use HAM freq's for emergency communication when the other communication systems fail. So, if the CAP repeater fails and communications are needed in an emergency - could a "Bluechip 432" call be acceptable on Amateur Freq's? How about "Coast Guard Rescue 1454" on your favorite HF Freq? Maybe "Oak Ridge Pumper 11" on a HAM UHF Machine?

Clearly government agencies can aquire commercially sold HAM equipment and "go for it" on HAM freq's - and does 47 CFR 97.403 allow it? What's good for the goose is good for the gander . . . eye for an eye . . . do unto others as you would have them do unto you. . .

Granted, the above two paragraphs are pushing it a bit. However, I've spent a long cold night as a rider with the Knoxville Police for communications because Knox County lost total communication when their 800 system emergency back-up power system when down during a prolonged winter storm. I did it because 97.403 told me to. It's part of HAM Radio.

Now read 47 CFR 97.403 again . . .

"No provisions of these rules prevents the use by an amateur station of any means of radiocommunications at its disposal to provide essential communication needs in connection with immediate safety of human life and immediate protection of property when normal communication systems are not available."

To me, this means we (Amateur Operators) support them. Personnally, I don't consider the Police, Air, Maritime, or other "Non-Amateur" Bands to be at my disposal no more with than without an Amateur License. I consider the Amateur Bands to be at my disposal (da, that's what I'm licensed for). So, I can use any mode on any HAM freq. to relay communication needs in connection with immediate safety of human life and immediate protection of property. i.e., if necessary a Novice can "come up on" (kinda military for TX on) 14.200 Mhz USB in an emergency. Boy!

would they receive grief (although permitted), or what!

Intent . . . ually,
Walt/KF0OS

2587. 1995 ARRL Board Meeting

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:53:54 UTC
From: mtracy@arrl.org
Message-ID: <1995Mar1.145354.846@arrl.org>
Source record: 251563

[Article crossposted from rec.radio.amateur.policy]
[Author was Mike Tracy (KC1SX)]
[Posted on Tue, 28 Feb 1995 20:28:10 GMT]

Greetings all! The minutes of the January 1995 meeting of the ARRL Board of Directors is now available in electronic form. To request a copy of this file, send an email message to info@arrl.org with no subject and the following text in the body of your message:

help
index
send minutes.brd
quit

Best Regards, Michael Tracy, KC1SX, ARRL Technical Information Services

---
American Radio Relay League, Inc. Tel: 1-203-666-1541
225 Main Street Fax: 1-203-665-7531
Newington, CT 06111 Email: mtracy@arrl.org

2588. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 14:57:05 UTC
From: delaney@j51.com
Message-ID: <3j2201$2sd@tzlink.j51.com>
Source record: 251478
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Do I need to take a form to the VE or a letter for the 5wpm mods? I need
the slower sending one I think (more spacing between characters..)

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2589. OOTC and 10-10

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 15:36:57 UTC
From: cmoore@sedona.intel.com
Message-ID: <3j24ap$6db@chnews.intel.com>
Source record: 251564

Hi All, I've gotten quite a few requests for information about the
Old Old Timer's Club and 10-10 International Net.

The Old Old Timer's Club is open to people who operated wireless at
least 40 years ago.
Their address is 3191 Darvany Dr., Dallas, TX 75220-1611

Work ten 10-10 members on ten meters and join the 10-10 International
Net. Their address is 643 N. 98th St #142, Omaha, NE 68114
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

2590. Re: FCC Telephone Number

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 15:51:01 UTC
From: lambj@EX1.WES.ARMY.MIL
Message-ID: <lambj.142.0124D366@EX1.WES.ARMY.MIL>
Source record: 251361

In article <3j0hn4$16d@ecom3.ecn.bgu.edu> mudaw@uxa.ecn.bgu.edu (David A. Webb) writes:
>From: mudaw@uxa.ecn.bgu.edu (David A. Webb)
>Subject: Re: FCC Telephone Number
>Date: 28 Feb 1995 19:13:08 -0600

>Welcome to the club. There isn't one.
>You are probably trying to call Washington?
>About amateur radio?
>If so, call (202)-418-0680

The number for the FCC in Gettysburg is 1-800-322-1117.

<><><>

2591. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 16:14:11 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4rrrn.EE9@news.hawaii.edu>
Source record: 251576

mudaw@uxa.ecn.bgu.edu (David A. Webb) writes:

>Bob Calkins is an so ignorant of FCC regulations, it makes me
>wonder how he got the title "communications Officer".
>
>I think everyone has heard about the California ham who was cited
>for using his modified ham radio to report an emergency. SO WHAT!
>He was obviously cited by state or local authorities. He wasn't
>cited by the Feds.

Morning Dave,
Wow - you're going to get CTS from typing such a long article!

Now, don't pick on Bob. An FCC official was present when that
San Diego ham was asked by the sheriff to `donate' the HT or
face charges. Now that you know this you need to say you're
sorry to Bob.

>I haven't seen the particulars on the California ham,

Yes, that's obvious.

>People like Bob really bug the crap out of me. Just because you
>are a cop, you don't get to play GOD.

Too much coffee this morning, Dave?

Why are you trying so hard to justify owning a police-capable
radio? Part 97 instructs us to first make sure no other communications
means are available prior to putting out an emergency call outside
the ham bands. That means if you've got a cell phone or if there's
a pay phone across the street you had better use them instead of
your HT; otherwise don't complain if your HT gets taken away from
you.

People like Bob are the ones risking their lives daily for us.
Whatever you do doesn't come anywhere near the importance of
Bob's work.

Jeff NH6IL

2592. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 16:43:40 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3j287s$214@news.CCIT.Arizona.EDU>
Source record: 251566

In article <edd_9502280828@tor250.org> Dave.Turner@x250_134.gryn.org (Dave Turner) writes:
>
>Heh, it's funny that you would mention "pizza" as the above is quoted directly
>from the book page 30, the book was (c)1991 so I would beleive that it's safe
>to assume that the statement is still correct.

That's the problem right there - your edition is out of date.

Howard "double mushrooms" Lester

2593. Ham test session in College Park, MD

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 17:35:22 UTC
From: lifer@w3eax.umd.edu
Message-ID: <3j2b8q$o1v@hecate.umd.edu>
Source record: 251567
Cross-posted to: rec.radio.amateur.misc,um.general,dc.general

The U of MD Amateur Radio Association will hold a ham license exam session this Sunday, March 5, at 11 AM in the Stamp Student Union at the University of Maryland, College Park, MD. Please reply to this or call me at 301-314-0581 for more info or to reserve a space. Walk-ins welcome!

--
Benjamin Schultz, KE3OM <*>
President, U of MD Amateur Radio Association
(W3EAX)

2594. Re: Oaklahoma Comm Center???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 17:38:00 UTC
From: rschmid@sccsi.com
Message-ID: <3j2bdo$3nh@tattoo.sccsi.com>
Source record: 251568

In <affrunti.793985770@orion.oac.uci.edu>, affrunti@orion.oac.uci.edu (Bob Affrunti) writes:
>I have purchased several radios and accessories from Oklahoma
>Comm Center

I also have purchased several things from OKCenter. They are more than fair with their prices and return policy.
Good luck with your purchases.

73, Bob W5NBI

2595. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 17:40:24 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.487.0011ACE8@WichitaKS.HMPD.COM>
Source record: 251486

In article <3j287s$214@news.CCIT.Arizona.EDU> hlester@nemo.as.arizona.edu (Howard Lester) writes:
>From: hlester@nemo.as.arizona.edu (Howard Lester)
>Subject: Re: Is "CQ Pizza" legal?
>Date: 1 Mar 1995 16:43:40 GMT

>In article <edd_9502280828@tor250.org> Dave.Turner@x250_134.gryn.org (Dave
>Turner) writes:
>>
>>Heh, it's funny that you would mention "pizza" as the above is quoted directly
>>from the book page 30, the book was (c)1991 so I would beleive that it's safe
>>to assume that the statement is still correct.

>That's the problem right there - your edition is out of date.

>Howard "double mushrooms" Lester

maybe they did not change the rules in canada as they did in the us

2596. Re: Your filth

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 17:46:38 UTC
From: dtiller@rmc.edu
Message-ID: <3j2btu$osl@gnd0.rmc.edu>
Source record: 251569

fisherb@ccsnet.com wrote:

: IN>No thanks - I'd rather live on the street where I can defend myself than
: IN>under a roof where my liberty is taken from me.
: IN>--
: IN>David Tiller | Network Administrator | ICBM: 33d 42' 43.75"

: Spoken like a true ham (the ultimate wimp who N E E D S a gun to be a
: man).

Not true. I enjoy target shooting and hunting, and have guns in the house
for those purposes. If the need ever arose I wouldn't hesitate to defend
myself or my family when some criminal decides to threaten our lives. I
happen to believe that it is ultimately the responsibility of the individual
to defend themselves against harm - the police sure aren't going to do it.
I also believe that if a criminal decides his right to rob me is more
important than my right to live peaceably in my own home then he loses,
every time.

If you knew me, you'd know that I'm as far from a wimp as it gets.

--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |
--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

2597. FTP site for ACC Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 17:55:28 UTC
From: AALONZO@wesleyan.edu
Message-ID: <AALONZO.101.2F54B50F@wesleyan.edu>
Source record: 251518

I'm looking for information on were I can find (FTP site if possible) remote programming software for an ACC (Advanced Computer Concepts?) RC-96 repeater controller. Any help would be appreciated. Thanks

73 de N1LOB
Allen Alonzo
Wesleyan University Electronics Shop

2598. Re: RSGB MEMBERSHIP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 19:25:38 UTC
From: simon@terri.enet.dec.com
Message-ID: <1995Mar1.192538.27411@janix.mfr.dec.com>
Source record: 251577

|>> I only have one question... WHY????? Why would anyone want to pay 30 odd
|>> quid a year to have their mail ignored???
|>>
|>> Beats me

Actually, if it wasn't for the RSGB we would all have to have our radios type approved now. An edict almost got passed in parliament saying that all transmitting equipment needed to be type approved. This would mean that your UK home brew radios and virtually all black box radios would be illegal as they are exempt from type approval.

Only by lobbying of several MPs by members by fax and phone (including the then president) of the RSGB was this stopped.

I was told this by that very same past president.

The RSGB also sends reprisentatives to the ITU conferences. To go as an idividual would cost too much and in any case the ITU isn't going to listen to a handful of people, they do listen to the RSGB.

Simon
G6ZTZ

2599. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 20:24:00 UTC
From: gdm@fermi.ualr.edu
Message-ID: <3j2l50$ncl@news.ualr.edu>
Source record: 251572

Mark Ellis (mellis@pica.army.mil) wrote:
: I've come to the conclusion that W is the worst letter
: to have in a callsign. It's the only one that has a longer
: pronunciation (double U, three syllables) than its
: phonetic (Whiskey, 2 syllables).

Come on down and we'll teach you how to save 33% on the pronunciation
of W. Most everybody down South says it in two syllables, something like
"dub-ya" or "dub-ye," at least in casual speech. I know one guy who
manages to elide all but the first syllable of W in his WB prefix,
which comes out "dub-bee".

73,
Doug K5DH

--
Doug Mauldin University of Arkansas at Little Rock
gdmauldin@ualr.edu Department of Applied Science

Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)

2600. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 20:34:56 UTC
From: davros@news.eden.com
Message-ID: <3j2lpj$3no@matrix.eden.com>
Source record: 251571

Not to stir up a hornet's nest or anything, but this particular issue is one that really really (really?) gets under my skin....

There are few disabilities that I can think of that would make it impossible to copy above 5wpm. Very few. Blindness is not one. Nor is deafness. (By the by, copying code visually *is* perfectly legal; Part 97 says so. So is copying with a vibrating device. No excuse there...Can't hear the code? Copy by flashing light or vibrating transducer, then.) Can't write? Head copy, followed by, if you like, orally reading back what you've copied every few words or so--hell, it's even easier than that!...Can you head-copy enough to answer some easy questions about what you've copied in your head? Good! Then you're set. And you can even use the experience on the air! Mobility impairment? Stuck with an iron lung or something? Y'ot'to see some of the stories about folks who have done code before this waiver thingy.

Mind you, if there is a really *legitimate* reason why someone can't copy above 5WPM, and I suppose there may be one, somewhere, OK sure fine, get a waiver. But for Chrissake, try it first... I do think that there are far too many of us who want the easiest way out of something, and because they can get it, they do. But in the end, where does it get you?

I'm amazed at some of the things that the FCC will let pass as a qualifying disability...

--
Buddy Brannan, KB5ELV | Mary had a little lamb.
(512)441-3246 (Home) | Her father shot it dead.
Internet: davros@eden.com | Now Mary takes her lamb to school
davros@ccwf.cc.utexas.edu | Between two bits of bread.

2601. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 20:58:13 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Mar1155813@cassandra.bbn.com>
Source record: 251574

In article <edd_9502280828@tor250.org> Dave.Turner@x250_134.gryn.org (Dave Turner) writes:

Heh, it's funny that you would mention "pizza" as the above is
quoted directly from the book page 30, the book was (c)1991 so I

This rule was revised by the FCC in 1994.

would beleive that it's safe to assume that the statement is still
correct.

73 de VA3THN (Dave)

Of course your rules would be different.

/JBL
=
Nets: levin@bbn.com | I would rather be exposed to the inconveniences
pots: (617)873-3463 | attending too much liberty than those attending
ARS: KD1ON | too small a degree of it. -- Thomas Jefferson

2602. Re: wanted: fiberglass poles for antenna construction

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 21:24:29 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.17845.794097041.drayegon@drayegon.america.com>
Source record: 251374

>
> I am looking for a source of fiberglass poles for antenna construction
>
> Brian Miller NI7P, miller@spk.hp.com

Try Allen @

MAX Gain systems marietta GA.

His phone is 404-973-6251

He has had some very good prices on fiber glass

as I use his products and don't get a price break tell him I sent you LOL HIHI

8ft 1/4 inch is I belive $4.00

This stuff comes to me ups and only takes a day or so.

73 AD4RR Ray

2603. need packet radio elmer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 21:41:56 UTC
From: CASSIDY@saturn.rowan.edu
Message-ID: <3j2pn4$lk1@gboro.rowan.edu>
Source record: 251375

hello folks, i'm assisting our local ambulance squad connecting their communications equipment and they have one request that i'm not sure what equipment they'd need to do this can anybody help me? following is their quote, thanks in advance -- kc

"We want to take information comming out of a serial port on the UNIX box (as if being sent to a printer) and drop it to the packet modem. This will be hooked up to our 250 watt base transmitter (Motorola) and then be broadcasted. On the receiving end we hope to use a scanner with the modem attached to the earphone output. This would then go to a printer at each station. So basicially what we are doing is replacing the printer with a modem to modem link over a 500 MHz radio frequency."

can this be done?

2604. Re: Cease Fire into Peact Treaty

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 21:58:43 UTC
From: stevew@netcom.com
Message-ID: <stevewD4s7pv.Ku5@netcom.com>
Source record: 251362

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:
: Dave van De Kerk (davev@atkc.COM) recently wrote
: in <9502272056.AA28439@venus.atkc.com>:

: : In the last week, we have had a cease fire in rec.radio.amateur.misc.
: : While there has been sporadic flamings, by and large the cease fire
: : has held, and I think the vast majority of us have immensely enjoyed
: : it.

: : We have the opportunity to turn this lull in the firing into a permanent
: : peace if we resolve now to do so.

: : The process is very simple. We change rec.radio.amateur.misc to have
: : only four acceptable types of postings:

: For those who are offended by some of the more colorful postings here in
: rec.radio.amateur.misc I reccomend that you unsubscribe and get your
: information from a moderated group such as rec.radio.amateur.info

: Bob

Yeah...What Bob said!!!

While it might be true that some of the topics that get
discussed here might better be placed in .policy, that doesn't
mean there is ANY need for net police! For those of us who
have been lurking around here since it was just rec.ham-radio
this is just life in the fast lane.

AND WE LOVE IT ;-)

Steve KA6S

2605. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 22:07:53 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Mar1.220753.2904@ttinews.tti.com>
Source record: 251364

My apologies to the newsgroup for having to endure this reposted drek, it was done without my consent and given that the postings were modified, they represent a violation of copyright. Rest assured that Mr. Davis' transgression is being reported today to the management at aol.com

I surmise that he is doing this to create disharmony between the ham and cb newsgroups.

73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +------------------------------+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

2606. Re: douglas213, Is any one else tired of this person attacking everyone.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 22:17:09 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <794096229snz@microvst.demon.co.uk>
Source record: 251368

In article <3j0chh$5l0@mandolin.qnet.com>
kato@qnet.com "Perry Chamberlain" writes:

> I personally have blocked all posting as of today with his name, Email me
> if you want to know how to do this....

Are you brain-damaged or deliberately stupid?

Like you I put this name into my kill file. And now you've managed to
get around that and have caused to download another 700 plus lines of
this garbage.

Well, dear friend, you're too much of a liability and you're in KILL too!!

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2607. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 22:33:48 UTC
From: terry@col.hp.com
Message-ID: <3j2sod$ar0@nonews.col.hp.com>
Source record: 251428

zornwl@cosmail4.ctd.ornl.gov wrote:

: BUNCH OF STUFF D E L E T E D :-)

: To me, this means we (Amateur Operators) support them. Personnally, I
: don't consider the Police, Air, Maritime, or other "Non-Amateur" Bands to
: be at my disposal no more with than without an Amateur License. I
: consider the Amateur Bands to be at my disposal (da, that's what I'm
: licensed for). So, I can use any mode on any HAM freq. to relay
: communication needs in connection with immediate safety of human life and
: immediate protection of property.

: i.e., if necessary a Novice can "come up on" (kinda military for TX on)
: 14.200 Mhz USB in an emergency. Boy! would they receive grief (although
: permitted), or what!
: Intent . . . ually,
: Walt/KF0OS

In Jest :-)

:-) No Walt, I WOULD HOPE THAT THE Novice would not receive any grief, As I'm sure an Advanced would not receive any grief for firing up on a Novice freq., but I'm pretty sure he/she/they would receive LOT of help to bring the emergency to a swift conclusion. Novice or not, he or she should be net control for the duration of the emergency, unless they pass control to another operator :-).

[But yes :-), some of the locals would raze the heck out of a Novice for "qsy'ing" to an Advanced or General freq :-)]

73's
twthero

____
| | |
| twthero ----<|>---- terry@col.hp.com |
| de whiskey bravo zero oscar mike mike (WB0OMM) (old mountain man) |
| -.. . .-- -... ----- --- -- -- (after WB, it's all DAH's!) |
|____|

2608. Re: Kenwood TM-733 Experience

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 22:44:00 UTC
From: acdave@lmsmgr.lerc.nasa.gov
Message-ID: <1MAR199517441119@lmsmgr.lerc.nasa.gov>
Source record: 251488

In article <3iq5nf$r2o@cello.gina.calstate.edu>, dhinch@cello.gina.calstate.edu (David L. Hinch) writes...
>I am looking for a new dual band mobile rig which will also do 9600 baud
>packet. In analyzing the available models, I find that the 733 is the
>only one that is set up for 9600 baud. The 733 also appears to have a
>good range of other features and claims to have addressed the issue of
>intermod with AIP. Does anyone have any comments on this rig or have
>recommendations concerning another? I need to act pretty soon as there
>is a Kenwood coupon deal that expires in a couple of weeks.
>
>Thanks in advance.
>
>Dave KE6MYC
>
>Email: dhinch@cello.gina.calstate.edu
>
> --
Take a look at the Standard 5718A. This dual-band rig comes setup for
9600 baud packet out of the box AND has GREAT intermod performace.
Mine works great!

73
David Autry WD8IOU

2609. Need Alinco Manual DJ560 T

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 22:54:14 UTC
From: Richard Ryan <szrwryan@peseta.ucdavis.edu>
Message-ID: <Pine.SOL.3.91.950301145205.731G-100000@chip>
Source record: 251479

Need a users manual for the Alinco DJ-560T Hand Held.
Will be happy to pay for mail and copy cost.
tnx 73 Rich WB6HNC rwryan@ucdavis.edu

2610. Libertyville/Champaign IL QSO wanted!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 23:03:01 UTC
From: walker_cm@kosmos.wcc.govt.nz
Message-ID: <3j2uf5$se7@golem.wcc.govt.nz>
Source record: 251489

I'm posting this message on behalf of Ross, Zl1BGB, who wishes to contact
stations in LIBERTYVILLE IL, and CHAMPAIGN IL on SSB or CW.
Ross doesn't have Internet access, so I'll forward any replies to him, OR -
send a message via packet to arrange a contact. His address is:-

ZL1BGB@ZL1AB.#11.NZL.OC

Thankyou.

Cliff Walker (ZL2ALY@ZL2WA.#63.NZL.OC)
Wellington, N.Z.
email:- walker_cm@kosmos.wcc.govt.nz

2611. Re: MFJ 10 band antenna (good/bad)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 23:30:23 UTC
From: dmunroe@vcd.hp.com
Message-ID: <D4sByn.85H@vcd.hp.com>
Source record: 251484
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Charles H. Reichert <reichert@rtsg.mot.com> wrote:

>MFJ keeps saying the next ship date is 6 weeks away, no matter when you
>call them.

That sounds familiar. I ordered their 9140B QRP transceiver system back on
December 1st. Whenever I called, the lady answering the phone would say
"2 more weeks" in a very automatic manner. By mid-February, I was ready
to cancel the order. I gave it one more try, asked for the manager of
customer support, and he was shocked to find out how long my order had
gone unfilled. Incidentally, it'd been in their "Rush" file for about
a month.

-Dave

,--.
| / |
| Dave Munroe / Hewlett-Packard |
| dmunroe@vcd.hp.com / Vancouver, Washington |
| / |
`--'

2612. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 23:33:00 UTC
From: greg.pool@nitelog.com
Message-ID: <cb.27315.2099@nitelog.com>
Source record: 251460

> Mike Van Pelt (mvp@netcom.com) wrote:
> : A couple of years ago, I heard that using ham radio to an autopatch to
> : (for instance) order a pizza had just been made legal, by the FCC
> : relaxing the rules. You still can't carry out *your* business on the
> : radio, of course (by, for instance, using the patch to call in to work
> : saying you're stuck in traffic and will be late) but if you have no
> : financial stake in it, it's OK.
> : However, a couple of weeks ago, I was at a ham meeting where
> : everyone insisted that calling for a pizza was *NOT* OK.

> : Who's "clue challenged"? Them, or me?

I would give a read of page 9 of the September 1993 "It Seems To Us..."
column in QST. The key word: pecuniary. If you make $$$ off your
tranmission, it's bad. As long as you aren't making money off your
ordering a pizza on the air, you're legal. Just make sure the rest of
your club members get a slice!

Greg Pool WH6DT

2613. IPS Daily Report - 01 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-01 23:40:25 UTC
From: rwc@ips.oz.au
Message-ID: <3j30l9$i20@flare.syd.ips.oz.au>
Source record: 251504
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 01/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 01 MARCH AND FORECAST FOR 02 MARCH - 04 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 28 Feb
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: 2.3E+04
Daily Electron Fluence >2 MeV: 3.3E+07 (normal)
X-ray background: B1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
02 Mar 03 Mar 04 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 02 Mar: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active to minor storm

Estimated Indices : A K Observed A Index 28 Feb
Learmonth 26 3345 3543
Fredericksburg 23 22
Planetary 20 28

Observed Kp for 28 Feb: 4355 3344
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
02 Mar 20 Active
03 Mar 20 Active
04 Mar 15 Unsettled to active
COMMENT: IPS Geomagnetic Warning 5 was issued on 27 February and is
current for interval 28 February to 2 March. Active conditions
expected for next three days.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
01 Mar normal normal poor-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
02 Mar normal fair poor
03 Mar normal fair poor
04 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
01 Mar 46 10 to 30% above predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
02 Mar -5 10 to 20% below predicted monthly values
03 Mar -5 10 to 20% below predicted monthly values
04 Mar 5 Near predicted monthly values
COMMENT: IPS HF Communications Warning 8 was issued on 27 February
and is current for interval 28 February to 2 March. HF communicators
in northern Australia region should continue to use the monthly T
index of 15. Depression appears, at this stage, to be affecting
southern Australian region. Townsville MUFs were enhanced 10-30%
yesterday. Hobart MUFs were near predicted monthly values
with spread F observed during local night.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2614. Callbook site on WWW

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:02:59 UTC
From: mikec@primenet.com
Message-ID: <mikec.5.014C66BE@primenet.com>
Source record: 251483

Try www.qrz.com.... Callbook plus a lot more.....73

2615. Re: cw...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:07:58 UTC
From: lenny.carwile@richcon.com
Message-ID: <9503020030297428@richcon.com>
Source record: 251444

In reply to your "most hams learn it to upgrade and forget it".
You should listen to the low end of 20 meters when a rare DX station is
on. Sometimes (most times) I wish a few more of them would forget it
Hi..73 N4RUM Virginia

2616. cwops society

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:13:35 UTC
From: lenny.carwile@richcon.com
Message-ID: <9503020030307429@richcon.com>
Source record: 251443

Hi--CW only at this end since about 1964..Mostly chase DX with low power and homebrew antennas..I did upgrade to a ICOM 735 a few years ago because of the great cw filters and the great AGC on the rig. My ears could not take it anymore Hi. N4RUM Virginia (ex-WN4UZU-WB4QKA and KC4CAJ)

2617. Re: Another view?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:19:40 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4sE8s.pB@news.hawaii.edu>
Source record: 251509

In article <11142RILRQFWFNNVOBH@ccsnet.com> fisherb@ccsnet.com writes:
>
>Here is a different view.
>Subject: Online Service Killing Ham Radio
>
> Amateur radio is an exceptionally elitist and
>exclusive group. It is a group that has made few concessions for
>accessibility issues with those who are either deaf or those with speech
>impediments.

This is like saying sport flying has made few concessions for those
who are blind.

The nature of the radio hobby requires speaking and listening abilities,
just as flying an airplane requires excellent eyesight. Regardless, the
VEs must follow all laws regarding equal access for examinees. You need
to provide specific evidence of your hurtful allegations.

>It is in the exploration of this argument that you unearth
>another prevailing attitude in amateur radio. Among most hams that I
>have encountered there is an underlying antagonism against anyone who is
>other than the white anglo saxon protestant.

How can you determine a person's race or religion on the air? Gee,
a QSO (at least on HF) starts with a CQ. The respondent answers, not
knowing the race nor religion of the calling party. The calling party
doesn't know the race nor religion of the respondent. A conversation,
sometimes lasting hours, results. A new friend is made. This happens
hundreds if not thousands of times daily. Your contention is false.

>Again we see how online services offer a similar level of accessibility
>to different people. The difference here is that you don't have to take
>a multiple guess test to gain access to this information exchange
>outlet. In amateur radio you have the typical white suburban slob who
>does nothing more than memorize every question in the question pool.
>Our diligent scholar then drives to some remote community college or ham
>fest question pool. Our diligent scholar then drives to some remote
>community college or ham fest and parrots out the answers. Our newly
>licensed ham is on his new rig within a matter of weeks having learned
>nothing other than...gee... our new amateur gives us a blank and empty
>stare.

A *very* good argument for comprehensive exams requiring more theory.
But then you'd accuse us of discrimination against those who can't
master the theory.

I deleted the portion of your article where you quoted some white male hams lamenting the `n_____s' entering the hobby. Is that any worse than you calling us `white suburban slob(s)'? You're part of the problem that you're complaining about.

>Mike Simpkins

Jeff NH6IL

2618. Re: Earthquake's & RF

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:26:23 UTC
From: Rick Williams <willi_r@mail.uwlax.edu>
Message-ID: <3j33bf$bqt@alfred.acs.uwlax.edu>
Source record: 251490

RFNEWS@ix.netcom.com (William Mayhew) wrote:
>
> Anybody know about research being done measuring RF levels
> just before an earth quake?.

I believe that some of this has been invesitgated at VLF and ELF frequencies. Even as low as a few cycles per second. Or even less! The LWCA (Long Wave Club of America) might be able to help you out on this. I don't have their address handy but I am sure it will surface. The bandwidths would be fairly narrow, in the area of just a few Hz or so. GL.

2619. SWAN270B Manual

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:46:14 UTC
From: dinosaur@crl.com
Message-ID: <3j34gm$gu8@crl7.crl.com>
Source record: 251492

I have an old SWAN Cygnet and need a copy of the operator's manual and schematic. Can anyone help?
John KD6URS

2620. PRO-62 SCANNER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 00:47:00 UTC
From: allan.logan@atlwin.com
Message-ID: <8A4A4A3.027700696F.uuout@atlwin.com>
Source record: 251512
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Looking for PRO-62 scanner modifications. Cellular or other. Thanks!!
`

2621. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:00:28 UTC
From: andy@clark.net
Message-ID: <3j35bc$9t0@clarknet.clark.net>
Source record: 251493

Dave Turner (Dave.Turner@x250_134.gryn.org) wrote:

: Excuse me for jumping in here, but in one of the handbooks that I have
: (Operating an Amateur Radio Station) published by ARRL, it says "Business
: communications are strictly prohibited. Sorry, but you can't call the local
: pizza palace to place a take-out order even if it's -Negitive on the
: achovies-"

: Heh, it's funny that you would mention "pizza" as the above is quoted directly
: from the book page 30, the book was (c)1991 so I would beleive that it's safe
: to assume that the statement is still correct.
: personally I don't see a lot wrong with it but if it were not regulated it
: would happen all the time. <grin> see what happens? now _I'm_ hungry! <g>

: 73 de VA3THN (Dave)

I think you need to buy a newer book. The rules were relaxed well after
1991, if I am not mistaken.

k4adl

2622. magazine about radio amateur's

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:13:12 UTC
From: delaney@j51.com
Message-ID: <3j3638$5r@tzlink.j51.com>
Source record: 251510

[Article crossposted from sci.electronics]
[Author was ling]
[Posted on 28 Feb 1995 01:47:14 GMT]

HI! Could you tell any good magazine of radio amateur or any www sites?
Thanks!!

--

Take Care!!
Don't study too hard! Don't work too hard!
Enjoy!!
****
* Shawn Ling *
* Elec. Engineering *
* UBC *
****

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2623. Re: Kenwood TR 2600 for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:17:24 UTC
From: porayath@shure.com
Message-ID: <NEWTNews.17119.794110859.porayath@rajiv.cic.net>
Source record: 251487

In article <jonland.1.00192FE5@primenet.com>, <jonland@primenet.com> writes:
> Path:
news.cic.net!newsxfer.itd.umich.edu!gatech!howland.reston.ans.net!news.sprintli
nk.net!news.primenet.com!ip022.phx.primenet.com!jonland
> From: jonland@primenet.com (Eric jonland)
> Newsgroups: rec.radio.amateur.misc
> Subject: Kenwood TR 2600 for sale
> Date: Tue, 28 Feb 1995 00:04:20 MST
> Organization: Primenet
> Lines: 8
> Message-ID: <jonland.1.00192FE5@primenet.com>
> NNTP-Posting-Host: ip022.phx.primenet.com

>

I have just obtained by novice and technician license and am looking for
some equipment to get started. I was wondering if your unit is suitable for
a beginer and if so that i sthe price you expect.

Thanks

reply porayath@shure.com

2624. Re: Surplus parts?? Albany, where??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:36:53 UTC
From: ka2rdo@aol.com
Message-ID: <3j37fl$igg@newsbf02.news.aol.com>
Source record: 251496

There's always Central Electronics & Salvage in Utica, NY.
Directly across the street from the World-famous (Infamous ?!?)
Utica Club Brewery. They cater to mostly old GE stuff, and the occasional
lot from IBM and other nondescript places. I don't know the address, since
it is an easy place to find (for me, at least- I take Rt. 90 to Utica,
make a couple of turns and BAM I'm there) and there SHOULD be a few people
that know of its existence. Wish I was more help- but that is all for
surplus I know of in the ENY/WNY area... ..

Oh YES- there's the Ramsey Electronics Surplus Joint in Rochester. Also
easy to find- caters to pieces-parts from the kits they produce. E-Mail me
interest and I'll send better directions. Only open Saturday from 10am to
2pm.

Regards & Happy Hunting,

Mark

2625. Re: RFI on 28Mhz from RS phone answerer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:46:28 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-010395194629@145.1.114.19>
Source record: 251501

In article <3ivaq8$u3v@gort.oit.umass.edu>, aswNS@hamp.hampshire.edu (Albert S Woodhull) wrote:

>
> I recently acquired a Radio Shack model 43-741 telephone answering
> machine, and found it causes a strong set of signals centered on about
> 28.160 Mhz that make it hard to hear anything in the upper half of the
> 10 meter Novice c.w. band. The signal seems to be radiated by both the
> d.c. power line (it is powered by a wall transformer) and the phone
> line. Putting ferrite cores on these lines helps a bit, but the signal
> is still pretty strong.
>
> I wonder if anyone out there has experienced this and figured out a
> fix, or gotten any satisfaction from Radio Shack on getting it
> repaired. This is very much a consumer device (no circuit in the users
> manual); I have tried to look at the circuit board to figure out where
> a few bypass capacitors might help, but I couldn't make any
> improvement.
>
> --
> Albert S. Woodhull, Hampshire College, Amherst, MA
> awoodhull@hamp.hampshire.edu
> woodhull@shaysnet.com
> 413-549-2962

Well, since Radio Shack is heavily advertising that they are now in the electronics service business, give them a try. Tell them that the device is illegally radiating in an amateur radio band and that their ads say that they can fix it for you. Or they can give you back your full purchase price (you DID buy it new, I hope!) and you WON'T file a complaint with the FCC.

--
Karl Beckman, P.E. < If our English language is so >
Motorola LMPS.RNSG.Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
Opinions expressed here do not belong to or represent Motorola Inc.
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

2626. Re: Dumb terminal programs for Packet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:52:54 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-010395195255@145.1.114.19>
Source record: 251502

In article <9502232042.ZM15278@SALCIUS2>, Wayne_Estes@csg.mot.com
(Wayne_Estes) wrote:

> I'm using a KamPlus with the "Terminal" program which is built into Microsoft
> Windows. I'm able to connect to my local Packet Cluster and everything works
> fine. But as soon as I click on any other window on my computer, I am
> disconnected from the Packet Cluster.
>
> Is there a setting on the Terminal program that allows me to do other things
> with my computer without causing a packet disconnect? Or is this a
> compelling reason to get some Host Mode software?
>
> Do the multi-function logging programs such as LogWindows and PDA Logic4 have
> this problem? (I'm considering getting a logging program soon)
>
> 73 de Wayne Estes WD5FFH wayne@csg.mot.com

Windows' Terminal program works fine for my PK232 and a PacComm Tiny-2.
They even run simultaneously on different com ports. You must have
something in the Kam+ interface configured improperly to have the cluster
disconnect you every time (The comm port does not know that the Terminal
window is not active).
--
Karl Beckman, P.E. < If our English language is so >
Motorola LMPS.RNSG.Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
Opinions expressed here do not belong to or represent Motorola Inc.
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

2627. This Week in Amateur Radio Revised Affiliate Listing (03/01/95)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 01:58:34 UTC
From: kxkvi@delphi.com
Message-ID: <R03b18i.kxkvi@delphi.com>
Source record: 251499

Below is the new revised edition of This Week in Amateur Radio's affiliate list. If you are carrying the service, and your net/repeater is not on our list, please let us know.

If you are a repeater op, please consider carrying the service in your area.

Thanks to all you replyed to the first posting. We did make the corrections and additions.

"This Week in Amateur Radio" Affiliates List - 2/28/95

No. City/State Freq Call Area Served

1. Brunswick, NY 145.330 WA2OQE Albany/Schenectady/Troy
2. Canastota, NY Sa-M/2100 146.670 N2JEU Madison Co/Central NY
3. Wentzville, MO (5X/week) 1.860 WA0RCR Gateway 160 Meter Net
4. Roanoke, VA 145.210 WB4QOJ Central VA/SE WVA/North Cent NC
5. Fruita, CO 224.260 WA4HND West Cent CO/East Cent UT
6. Grand Junction, CO 449.300 WA4HND West Cent CO/East Cent UT
7. Glenwood Springs, CO 447.100 KI0G Glenwood Springs/Vail/Aspen
8. Moab, UT 449.100 KB0SW Southeastern Utah
9. Hanksville, UT 449.600 NV0X Eastern Utah
10. Monticello, UT 447.400 WD0GCA Southeastern UT/Northeastern AZ
11. Salt Lake City, UT 448.? ?? Northern Utah
12. Sacramento, CA 147.195 N6ICW Sacramento/SF Bay area
13. South Lake Tahoe, CA 145.150 N6ICW Tahoe/Reno, NV/Carson City, NV
14. Decatur, AL 442.350 WA4OUE North Central Alabama
15. Lisbon, OH 146.805 KD8XB Columbiana Co./East Cent OH
16. Columbia Heights, MN 145.210 WB0BWL Mnpls./St. Paul, MN
17. Columbia Heights, MN 444.000 WB0BWL Mnpls./St. Paul, MN
18. Minneapolis, MN 223.940 KA0PQW Mnpls./St. Paul, MN
19. Minneapolis, MN 443.300 N0NKI Mnpls./St. Paul, MN
20. Madison, WI 443.400 N9KAN Madison/South Cent WI
21. North Freedom, WI 443.675 KD9UU Madison/South Cent WI
22. Fort Atkinson, WI 53.090 AA9AD Jefferson Co/South Cent WI
23. Marietta, GA 146.655 N4NFP Metro Atlanta/Cent GA
24. Marietta, GA 224.120 N4NFP Metro Atlanta/Cent GA
25. Marietta, GA (ATV) 427.250 N4NEQ Metro Atlanta/Cent GA
26. Clay, NY 444.100 N2DCI Clay/Cicero/Metro Syracuse
27. Duluth, MN 147.180 KA0TMW Duluth/Superior/NW Minnesota
28. Esko, MN 446.200 N0NXA Esko/NW Minnesota
29. McAllen, TX Su 1300 145.230 N5SIM McAllen/Edinburg/Reynosa, MX
30. Birmingham, AL M/W 2100 443.750 WO4W Birmingham/Cent Alabama
31. Freedom, PA 224.560 N3IRI Beaver Valley/West Cent PA
32. Freedom, PA 442.275 N3IRI Beaver Valley/West Cent PA
33. West Palm Beach, FL 146.670 WA4HXZ Ft Lauderdale/Dade Co/Bahamas

34. Sacramento, CA (wknites) 145.130 KB6QIQ Metro Sacramento
35. La Crescent, MN 146.970 K0JYB SE MN/W Cent WI/NE Iowa
36. Marquette, MI (Mon 8:00) 146.970 KE8IL Marquette/Ishpeming/Nagaunee
37. El Paso, TX 443.375 N6TOC El Paso/Las Cruces/Juarez, MX
38. Los Angeles, CA 147.435 AA6TK Santa Barbara to San Diego
39. Rand Hill, NY 147.150 W2UXC Champlain Valley/Montreal/W PQ
40. Lyon Mountain, NY 147.285 N2JKG St Lawrence Valley/Ottawa/E ONT
41. Canton, OH 442.075 N8GNO Akron/Canton/Massillon
42. Sacramento, CA (Mon 8:00)145.250 KG6XX Metro Sacramento
43. Kitchener, Ontario 146.865 VE3RCK Twin Cities/Guelph/Cambridge
44. Mt. Bullion, CA 147.465 WB7UGZ Cent San Joachin Valley
45. Mt. Bullion, CA (ATV) 427.250 WB7UGZ Cent San Joachin Valley
46. Mt. Bullion, CA 441.350 WB7UGZ Cent San Joachin Valley
47. Garden City, KS simplex 146.570 N0PMZ Finney County
48. Vail, CO 449.900 W0KEA Eagle and Summit Counties
49. Norfolk, VA 147.195 WA4MCK Tidewater/VA Beach/Norfolk
50. Norfolk, VA 147.795 WA4MCK Tidewater/VA Beach/Norfolk
51. Norfolk, VA (ATV) 439.250 WA4MCK Tidewater/VA Beach/Norfolk
52. Silver Spring, MD 147.225 WB3GXW Washington, DC area
53. Salem, AL 146.940 WA4QHN Phenix City, AL/Columbus, GA
54. Boise, ID 145.250 WA7MXN Boise/Meridian/Garden City
55. Lexington, VA 147.330 KI4ZR Lexington/Buena Vista/W Cent VA
56. Waseca, MN 146.940 WA0MJF Waseca/Mankato/S Cent Minnesota
57. North Webster, IN 146.505 KF9MP Elkhart/Warsaw/Ft. Wayne
58. North Webster, IN 224.160 KF9MP Elkhart/Warsaw/Ft. Wayne
59. Rockville, IN 145.270 N9RUO Parke Co/West Cent IN (8/93?)
60. Baltimore, MD (ATV) Greater Baltimore County
61. Mt. Washington, VT 448.225 WA1PBJ Burlington/Central Vermont
62. W Mt. Agamenticu, ME 224.840 K1MON York/Sanford/Portland/Biddeford
63. W Boston, MA 446.575 WA1PBJ Boston/Lawrence/Weymouth
64. W Tiverton, RI 224.840 K1LIQ Tiverton/Newport/Bristol
65. Fitchburg, MA 442.000 WA1PBJ Fitchburg/Leominster/Gardner
66. Paxton, MA 448.125 K1WPO Paxton/Worcester/Shrewsbury
67. Fremont, CA 224.180 KU6V Fremont/San Jose/Santa Clara
68. Seattle, WA 224.020 N7MFP Metro Seattle/King County
69. Greenville, MS 147.345 KG5SF MS/AR/LA Tri-state area
70. Tulsa, OK TCI Cable 88.5 MHz Wideband FM
71. Miami, FL 442.650 KA4ZAY Miami/Coral Gables/Hollywood
72. W Houston, TX 442.750 KA5GLX Metro Houston
73. W Houston, TX 444.275 KJ5AZ Metro Houston
74. W Corning, NY 444.350 N2IED Corning/Elmira/Bath
75. W Watkins Glen, NY 442.150 N2KOD Watkins Glen/Elmira/Horseheads
76. W Kalamazoo, MI 145.170 N8DXB Kalamazoo/Battle Creek/Portage
77. Lake Arrowhead, CA 445.450 NO6B San Bernadino/Riverside
78. Mt. Palomar, CA 448.950 KE6VK Vista/San Marcus
79. Orange County, CA 146.925 KM6KM (coming soon)
80. Orange County, CA 223.860 KM6KM (coming soon)
81. W Scranton, PA 448.975 WA3YXK Scranton/Wilkes Barre/Hazleton
82. W Largo, FL 145.230 AJ1R Tampa/St Pete/Clearwater
83. St. Petersburg, FL 147.285 AJ1R Tampa/St Pete/Clearwater

84. W St. Petersburg, FL 443.625 AJ1R Tampa/St Pete/Clearwater
85. Clearwater, FL 443.950 AJ1R ? (coming soon)
86. Paoli, IN 147.045 NM9P Paoli/Bedford/SW Indiana

2628. This Week in Amateur Radio ID scripts (as promised!)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 02:00:51 UTC
From: kxkvi@delphi.com
Message-ID: <RYwYtgj.kxkvi@delphi.com>
Source record: 251500

Hello all...

Below is the ID scripts for This Week in Amateur Radio. This is what you hear before we break for legal ID every 9 minutes or so.

If you would like to record a few of these (or make up your own!) do so on cassette audio tape or digitize it into a 16 bit wav file and drop it in the mail to:

This Week in Amateur Radio
ID Break Audio
P.O. Box 8592
Academy Station
Albany, New York 12208

GENERIC ID BREAKS

You're listening to "This Week in Amateur Radio". We pause 15 seconds to allow stations to identify themselves. This is the "Omega Radio Network".

With the "Amateur Radio Newsline", the "RAIN Dial-up", news from the ARRL and RAC, and other amateur radio features via satellite, you're listening to "This Week in Amateur Radio" on the "Omega Radio Network".

Heard coast-to-coast, from the Maritimes to Acapulco, from the Pacific Northwest to the Carribean, and serving Alaska and Hawaii, you're tuned in to "This Week in Amateur Radio" on the "Omega Radio Network".

Your source for the latest amateur radio news and features, you're listening to "This Week in Amateur Radio" on the "Omega Radio Network".

Keeping you up to date with the latest amateur radio news and information, you're listening to "This Week in Amateur Radio" on the "Omega Radio Network".

Serving amateurs in all 50 states, Canada, and Mexico from Telstar 302, transponder 21, in geosynchronous orbit, you're listening to North America's satellite-delivered amateur radio news and information service, "This Week in Amateur Radio" on the "Omega Radio Network".

You're listening to North America's satellite-delivered amateur radio news and information service, "This Week in Amateur Radio" on the "Omega Radio Network".

Live, from AT&T Telstar 302, Transponder 21, in geosynchronous orbit, you're listening to North America's only "up-to-the-minute" satellite

delivered amateur radio bulletln service, "This Week in Amateur Radio" on the "Omega Radio Network".

From 22,500 miles in geosynchronous orbit, aboard AT&T Telstar 302, Transponder 21, standard analog sub-carrier at 5.8 MHz, you're listening to Morth America's only satellite delivered amateur radio bulletin service, "This Week in Amateur Radio" on the "Omega Radio Network".

RAIN DIAL-UP ID BREAKS

Coming up next is the "RAIN Dial-up". We pause now for station identification. This is the "Omega Radio Network".

Coming up next is the "RAIN Dial-up". We pause now for station identification. You're listening to "This Week in Amateur Radio" on the "Omega Radio Network".

You're in the middle of the "RAIN Dial-up", heard coast to coast here on "This Week in Amateur Radio" on the "Omega Radio Network".

NEWSLINE ID BREAKS

Coming up next is the "Amateur Radio Newsline". We pause now for station identification. This is the "Omega Radio Network".

Coming up next is the "Amateur Radio Newsline". We pause now for station identification. You're listening to "This Week in Amateur Radio" on the "Omega Radio Network".

You're in the middle of the "Amateur Radio Newsline", heard coast to coast here on "This Week in Amateur Radio" on the "Omega Radio Network".

You're listening to the "Amateur Radio Newsline", a regular weekly feature here on "This Week in Amateur Radio".

ng to the "Amateur Radio Newsline", a regular weekly
feature here on "This Week in Amateur Radio" on the "Omega Radio Network".

Good luck...have fun with it. Get your club involved!

73
The Gang at This Week

2629. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 02:06:00 UTC
From: faunt@netcom2.netcom.com
Message-ID: <FAUNT.95Mar1180605@netcom2.netcom.com>
Source record: 251435

Don't make the mistake in believing that because you can't see the disability, it's not real. ADD could make it impossible to learn to copy code enough to pass the test. So could other learning disabilities.

So what have you seen claimed as a qualifying disability, that you don't think are valid?

doug

2630. Re: Oaklahoma Comm Center???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 02:15:18 UTC
From: RJYT51A@prodigy.com
Message-ID: <3j39nm$9tq@usenetw1.news.prodigy.com>
Source record: 251431

Hi de Phil N5QCN. I have done alot of dealing with the Comm Center and everytime that I have used them, I have been very impressed with their service. I have had problems with new equipment before, and they never hesitated about helping out of my situations. The people are friendly and willing to assist you if you have any questions. Best 73 Phil N5QCN

2631. Re: Opinions wanted on Yaesu FT-530 ht

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 04:55:26 UTC
From: 9643bargholz@vms.csd.mu.edu
Message-ID: <0098CBB0.01D62619@vms.csd.mu.edu>
Source record: 251495

In article <3hubm3$jn5@clue.callamer.com>, rpatters@pinot.callamer.com (Ron Patterson) writes:
>My neighbor just got passed his technician exam and is considering
>purchasing a FT-530. I am not familiar with this ht and would appreciate
>hearing your opinions on it.

Okay, last time I tried to post an answer to this, our spool was full and would not take anymore. Here-goes-it again:
I recently purchased an FT-530 and I love it! You don't have to be a rocket scientist to learn the programming. Mind you, I have graduated from an ICOM W21AT - which, for a new ham, was intimidating, I thought. The keypad was also way too tiny. I recently borrowed the FT-530 to a friend who, upon learning his was on the fritz and needing warranty work, would have been HT-less for a few weeks. I MISS IT! (I still have my ICOM - so it's not too bad, but I really do miss it.)
HIGHLY RECOMMEND the investment!

```
-------------------------------------------------------------------------------
| | There is nothing nobler or more
J. R. Bargholz | | admirable than when two people who
Marquette University | ^. .^ | see eye to eye keep house as man and
9643BARGHOLZ@VMS.CSD.MU.EDU | == * == | wife, confounding their enemies and
ARS: N9VSV | ~ | delighting their friends.
| | ~Homer
-------------------------------------------------------------------------------
```

2632. Programmer Wanted (Chicago)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 05:12:52 UTC
From: robin@mcs.com
Message-ID: <robin-0103952312520001@robin.pr.mcs.net>
Source record: 251497

I've got a job opening for a full-time computer programmer. Requires UNIX
experience. Informix-4gl experience a plus. This is a regular job, not a
consulting gig. Some travel required.

If interested, send your info to:

Robin Atkinson
Director, Information Services
Conference Management Systems
911 Busse Hwy
Park Ridge, IL 60068 Fax (708) 823-1561 robin@mcs.com

2633. Six Meter Questions/Skeds

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 05:20:45 UTC
From: rhiii@delphi.com
Message-ID: <9503020001591.The_Win-D.rhiii@delphi.com>
Source record: 251498

Does any have a six-meter beacon list that they care to share with me ? Or, do you know of a ftp site with that info may be found ?

Have been listening for fsk or FM digital (any mode) operations on six (nil heard). Are you aware of any activity at all ? If so, please pass along freqs/modes.

Skeds on amtor/pactor/packet anyone (fsk or fm) ?

Thanks,

Richard/NT2Z

2634. hamwomen and other miscellanies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 07:11:54 UTC
From: kbnmatt@aol.com
Message-ID: <3j3r3q$obg@newsbf02.news.aol.com>
Source record: 251505

Hello to all from KE6PUY in Pasadena, California. At present, I only have a 2-m HT (need to get my general liscence b4 going on HF.) Would love to hear from people around LA about friendly repeaters, etc. I'd especially love to hear from other females out there -- I've been a little daunted by the number of men I hear (I was one of two women there when I took my tech test... the other women, mind you, was testing for her advanced class...)

Also, I am wondering if anyone out there has ever operated from Death Valley National Monument. I'd love to know about different repeaters, but also about the tropo conditions and how far one can go simplex...

Sorry if this sounds like a new ham posting; it is!

KB
kbnmatt@aol.com

2635. Re: Free Bible Prophecy Evangelistic Meetings Now In Progress

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 07:51:20 UTC
From: scam@siu.edu
Message-ID: <9503020738.AA15522@saluki-mail.fiber2.siu.edu>
Source record: 251506

In article <thomas.329.0013EB36@redwood.cc.andrews.edu>,
thomas@redwood.cc.andrews.edu (Clarence L. Thomas IV) wrote:

> As you watch and experience the tremendous and rapid changes on planet Earth,
> a number of critical questions form in your mind: What is happening? Why is
> it happening? What will happen next? How do I fit in? Where can I get the
> correct answers?
>
Lunacy Deleted...

> Historians, politicians, religious people of every faith and belief,
> scientists, teachers, students, children, teenagers, mothers, fathers,
> husbands, and wives--all--are invited, encouraged, and urged to attend
> these most interesting, life-changing, life-saving, and 100% Bible-based
> evangelistic series.
>
More Lunacy Deleted...

Forgive me, but what does any of this apocolyptic bullshit have to do
with amateur radio?
Yes, the world changes quickly and if you think it's tough now, wait a
couple of years. As we have more and more access to information the world
is going to be increasingly difficult to understand, but looking to the
Bible isn't going to help. Learning how to process all of this information
will. In the meantime, do your recruiting elsewhere. It's bad enough to
have to read for sale postings here, spare me the four horsemen, PLEASE!

Scott A. Manthe, N9AAT
E-mail: scam@siu.edu

--
SCOTT A. MANTHE
N9AAT
E-MAIL: scam@siu.edu

2636. Re: 1750 METER BAND

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 08:00:40 UTC
From: jdow@BIX.com
Message-ID: <3j3tv8$ctv@news2.delphi.com>
Source record: 251507

In article <173547354.S965544@UMSLVMA.UMSL.EDU>, S965544@UMSLVMA.UMSL.EDU wrote:
>I'm thinking of building an FM tranciever for the 160-190 KH experimental band.
>I'm looking for anyone who has any experience with voice modulation (AM or FM)
>on these frequencies. I an aware of all of the problems and limitations that
>are associated with this type of project, but would like to hear from anyone
>who has actually tried it. Please respond directly to:
>
>Bill Johnson <s965544@umslvma.umsl.edu>

Bill, consider carefully the antenna situation. Any efficient antenna will likely have a very high Q. (Practical antenna size tend to have VERY low impedances which must be matched to any transmitter device. They also have rather high reactive impedances in the series lumped element model of the antenna.) If you want efficient radiation the Qs run to 100 or higher. At 200KHz a Q of only 33 gives you an effective bandwidth of the antenna of 3KHz. It is difficult but possible to squeeze AM through that knothole. It is generally pointless to squeeze FM through that small a knothole. Most activity at those frequencies is CW for obvious reasons. Heck, go down a decade and a half in frequency and even medium speed CW has problems with antenna Q for decent antennas.

{^_^} Joanne Dow The Wizardess

2637. Re: The legacy of the no-c

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 08:04:51 UTC
From: scam@siu.edu
Message-ID: <9503020744.AA12247@saluki-mail.fiber2.siu.edu>
Source record: 251508

In article <794009040.AA00580@hamlink.mn.org>, k0hb@hamlink.mn.org (Hans Brakob) wrote:

> PP>>I was led to believe (in the 60's when I was first licensed) that
> PP>>there was one circumstance that could lead to getting a Tech
> PP>>license via the FCC examiner: if you were being tested for General,
> PP>>and failed to pass the code because you did not have 65 letters in
> PP>>a row right, but _did_ have 25 in a row, the examiner could give
> PP>>you credit for the 5 wpm requirement for Tech. Then, you could take
> PP>>the written, and if you passed, you would get a Tech license. I
>
> That's correct. Prior to 1981 (that date may be slightly off) the
> Technician written exam was exactly the same as the General written
> exam. In effect, the Tech was a 5-WPM General. If you later passed
> your 13-WPM you were upgraded to General.
>
> 73, de Hans, K0HB

Almost. Prior to 1987, the Technician written exam was the same as the General written. This was changed at the same time as Novice enhancement.

Scott A. Manthe, N9AAT
E-mail: scam@siu.edu

--
SCOTT A. MANTHE
N9AAT
E-MAIL: scam@siu.edu

2638. CQ STATESIDE GB0/2/4JAS SPECIAL EVENT 5-11 MARCH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 11:39:52 UTC
From: Alan Clayton <K_ARC@UK.AC.NERC-KEYWORTH.VAXA>
Message-ID: <3j4aq8$htd@kwuz.nerc-keyworth.ac.uk>
Source record: 251521

JASON Project "Expedition Island Earth"

GB0JAS GB2JAS GB4JAS GB6JAS
SPECIAL EVENT AMATEUR RADIO STATIONS

Background: The JASON Project is an educational expedition run by the JASON Foundation for Education in the USA, and has the aim of involving students and their teachers in science and technology through the use of advanced telecommunication.

This year the JASON Project "Expedition Island Earth" will take scientists and children on expedition to the Hawaiian Islands. They will study the origins and natural history of the islands, and in contrast use NASA technology to look back at 'Island Earth'.

The expedition's work will be relayed live by satellite to 30 centres in the USA, Canada and Bermuda America and to 5 centres in the UK - five times a day.

Three Barclays Life JASON Project centres in the UK have Amateur Radio Special Event Stations as part of their associated exhibitions:

GB0JAS and GB6JAS at the British Geological Survey near Nottingham.
GB2JAS at the Merseyside Maritime Museum in Liverpool.
GB4JAS at RAF Lakenheath, near Bury St Edmunds, Suffolk.

GB0JAS & GB6JAS @ the British Geological Survey, Nottingham

Location: Headquarters of the British Geological Survey, 5miles (8km) south of Nottingham.

QRA IO92 KU WAB square SK64
Lat/Long 52 53N 01 04W County Nottinghamshire

Dates/Times: 5th to 11th March (public days are 6th to 11th March). 1300-2230 hours UTC daily. Some morning operations (0900-1300UTC) on Sunday 5th and Saturday 11th March.

Organisers: Loughborough & District ARC, Melton Mowbray ARS, ARC of Nottingham, South Notts ARC, Rolls Royce ARC, Erewash Valley ARG, GPT Communications ARC, South Derbyshire & Ashby Woulds ARG

Amateur Radio Exhibitions: Two exhibition stations on HF (GB0JAS); one exhibition on vhf/uhf (GB6JAS); live weather images from NOAA and Meteosat; RSGB and STELAR (Science and Technology through Educational Links with Amateur Radio); UK Novice licence scheme.

Main frequencies for GB0JAS (HF & MF) and GB6JAS (VHF & UHF):

3.770MHz, 7.070MHz, 14.270Mhz, 21.270MHz, 28.470MHz, 51.230MHz, 51.550MHz (fm) 144.230MHz, 144.550MHz (fm), 433.550MHz (fm).

GB2JAS @ Merseyside Maritime Museum, Liverpool

Location: Merseyside Maritime Museum, Albert Dock, Liverpool

QRA IO83 WAB square SJ83
Lat/Long 53 25N 03 00W County Merseyside

Frequencies as for GB0JAS (+/- 20KHz): 6metres may not be used.

Dates/Times: 27th February - 11th March (excl Sun 5th March). 1700UTC onwards, earlier if possible.

Organised/operated by: Liverpool and District Amateur Radio Society and friends.

GB4JAS @ RAF Lakenheath, Bury St Edmunds, Suffolk

Location: RAF Lakenheath, Bury St Edmunds, Suffolk

QRA JO02 WAB square TL78
Lat/Long 52 20N 00 3E County Suffolk

Organiser: G0MVQ/K0GMO on behalf of U.S. Department of Defense Dependents School, and friends.

Dates/Times: 27th February to 11th March. Mostly pm (1600UTC onward)

Frequencies similar to GB0JAS (+/- 20KHz):

JASON Foundation for Education can be contacted at: 395 Totten Pond Road, Waltham, Massachusetts 02154, USA. The JASON Project is sponsored in the United Kingdom by Barclays Life.

Internet: http://seawifs.gsfc.nasa.gov/scripts/JASON.html

ALL ENQUIRIES ABOUT THE SPECIAL EVENT STATIONS:

K_ARC@UK.AC.NERC-KEYWORTH.VAXA

2639. Re: Sending test instead

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 13:35:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7274.545@acenet.com>
Source record: 251523

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

N6TQS and the gang:

I am afflicted with CLS, therefore I should not have to learn the
code to get my General ticket (Chronic Laziness Syndrome!) :-)

DFN5> Don't make the mistake in believing that because you can't see the
DFN5>disability, it's not real. ADD could make it impossible to learn to
DFN5>copy code enough to pass the test. So could other learning
DFN5>disabilities.

DFN5> So what have you seen claimed as a qualifying disability, that you
DFN5>don't think are valid?

DFN5>doug

From: brian.carling@acenet.com

• SLMR 2.1a • What THIS country needs now is COUNTY CRICKET!!!

2640. Re: VE Procedures

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 13:48:15 UTC
From: abraun@alb.med.itc.com
Message-ID: <95030249695@alb.med.itc.com>
Source record: 251282

> James J Martin <jjmartin@world.std.com> writes:

> My only gripe with the present system is that you may retake the exam
> on the same day. When my brother took his exam last Saturday, he said
> one woman had to take her no-code tech test twice. So I assume the VE's
> can keep on giving you tests until you pass. Doesn't this defeat the
> purpose of the test? Discussion anyone?
>
This is an issue on which the FCC and the VEC's give exam teams some flexibility. Our team (Jefferson City, MO - ARRL/VEC) will give a second test to someone who fails a test by one question, if we have time and if they're willing to pay a 2nd fee (I've never had one who wasn't). If they miss by more than one we will not retest them. If they fail a second time (and about half of them do), they're done for the night and I tell them to go study and come back next month.

Sometimes there are reasons other than not knowing the material why people fail. This is particularly true with younger candidates (grade school and high school) who do not have the math background required for some of the higher class licenses. Just this past month I had a high school student fail the General class exam by one, then miss only one on the retest - the difference was in the type of calculations that were contained on the 2 exam versions we used.

* *
* Alan Braun MD, NS0B * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

2641. Help getting Started with TCP/IP packett

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 14:22:55 UTC
From: stellabo@phage.cshl.org
Message-ID: <3j4kbvINNcro@phage.cshl.org>
Source record: 251519
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Can anyone help ...??

I am a General Class operator who has not been active
for a few years ..

I would like to get back in to HAM radio with Packett radio.

I would like to connect into a TCP/IP network that would
have a gateway to the internet for e-mail ...

I have a 2 meter antenna and a multi band vertical ..
I also have a Radio Shack 10 meter rig.

I need to buy a 2 meter rig .. or would it be better
to purchase a 440 rig ..??

Are there 2 meter rigs specially designed for packett ..??

How do I get a IP number for my PC ..???

I really just need a little help getting started ..

Thanks in advance ...

-Fred

>| ==== Fred J. Stellabotte stellabo@cshl.org
>| ==== Computer Systems Manager
>| ==== N2JCD
>| ==== _____
>| ==== Cold Spring Harbor Laboratory Voice: (516)367-8420
>| ==== 1 Bungtown Road Fax: (516)367-8845
>| ==== Cold Spring Harbor, New York 11724
>| ====

2642. LANODE / BURBNK DX Cluster info pse

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 14:34:31 UTC
From: mpfb8@central.susx.ac.uk
Message-ID: <3j4l1n$mdd@infa.central.susx.ac.uk>
Source record: 251520

Hi all. I am able to access the nodes LANODE and BURBNK quite successfully
via VHF and HF routings within the UK and US and wonder if anyone knows whether
from either of these US nodes it is possible to access the US DX Cluster
system. I have looked at the nodes list on these nodes but nothing listed
looks (to me) like a DX Cluster callsign.
I would be interested to take a look at a US Cluster and see what goes
on "across the pond".
Any offers of help greatly appreciated either here or E-mailed direct.

73...Peter, G4BVH.

2643. FT2500 MODS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 14:49:22 UTC
From: BGA2%RdgrFlt%NAH@bangate.pge.COM
Message-ID: <bbe5+mfRJjb@go00.comp.pge.com>
Source record: 251390

ANYONE HAVE THE OUT OF BAND MODS FOR THE YASEU?

REPLY TO BGA2@PGE@COM
KR6G

THIS CO CANT BUY ME,I SPEAK FOR MYSELF!

2644. Re: Opinions wanted on Yaesu FT-530 ht

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 15:09:16 UTC
From: rodell@netcom.com
Message-ID: <rodellD4tJFG.7Mz@netcom.com>
Source record: 251525

The cheat sheet is a necessity if you want to push the envelope, but I have two and love them.

(Traded 470's for 530's)

r.

--

_/_/_/

2645. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 15:22:57 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3j4nsh$65q@ecom1.ecn.bgu.edu>
Source record: 251527

Hey guys, before you jump on me for trying to prove it is legal
to use any frequency, RE-READ what I said about 97.403.

I am inclined to believe it may be illegal to use any
frequency outside of the amateur band, as per the regulations.

However, I also believe the FCC would look the other way if you
actually did use frequencies out of the amateur band, if
it was an emergency.

My main intent was to show that possession of such a radio, for
whatever reason, is legal in the eyes of the FCC.

I'm sure that more than half of the hams in the US possess
radios which can TX out of the amateur service frequencies,
and for those of us who do, we get tired of people telling us
we are criminals for it.

I realize Bobs job is important, but you have to admit he was
trying to use the fact that he works in the field of radiocommunications
to back his claim that possession of modified amateur gear
is illegal. For that, I have a reason to flame.

73's

Oh, and by the way, I work for the Department of Defense as
a Physical Scientist, so don't give me grief about what I do
for a living as compared to Bob. We both support a part of the
government. (which I'm not saying is a good thing).

Dave
N9HUR

2646. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 15:43:05 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3j4p29$3kh@news.halcyon.com>
Source record: 251522

> >Bob Calkins is an so ignorant of FCC regulations, it makes me
> >wonder how he got the title "communications Officer".

Hmmm, getting personal huh? Usually the sign that somebody doesn't have a good argument. I realize you're quoting the comment but I never saw the original.

The fact is the FCC is citing people, and companies, regards to modifying ham radios to work out of band. Hams who think passing the test also confers a law degree may be in for a real surprise. Read the CFRs all you want...people who read them differently are writing citations.

And the BULK of my OPINION on the subject is that it's a bad idea anyway. I've been in too many situations where trained cops got too excited and screwed up a situation. I've had to tell even sargeants to stay off the air- their "orders" were covering up the guy actually in pursuit.

Hams, great radio people but unfamiliar with proceedures, would be even more dangerous.

And nice goin' on the riding with cops after the 800 Mhz failure. THAT's what public service is all about!

Regards,

2647. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 15:58:16 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3j4puo$3kh@news.halcyon.com>
Source record: 251524

> People like Bob are the ones risking their lives daily for us.
> Whatever you do doesn't come anywhere near the importance of
> Bob's work.

Thanks for the kind words...but to be totally honest I'm no longer either a cop or dispatcher. So many years of all that stress dictated a move to something where I don't get called 12-letter names eight or ten times a day. :-)

I now volunteer in the local Emergency Management department, making sure all the backup radios work and people are trained. I do other consulting work for a living...and it's not NEARLY as important as my volunteer work.

This would be a great thread if not for the personal attack. It's people who want to be ready to help. There's nothing wrong with that motivation.

Those folks just need to understand that modifying the radio in ADVANCE of the emergency isn't the same as "doing whatcha gotta do" IN an emergency.

And procedurally...untrained folks struggle anytime they're on somebody else's channel. Liquor agents, game wardens, even the FBI are often given access to local PD channels. Well trained folks? You bet. Do they screw up the radio when they try to use it? Uh huh.

I've gone on too long...it just frustrates me to see well motivated good-hearted folks going about something in a way that might get them in trouble.

73!

Bob

2648. QSL ROUTES

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 17:42:04 UTC
From: leduc@cg-atla.UUCP
Message-ID: <10767@cg-atla.UUCP>
Source record: 251472

I am looking for QSL routes for the following, can
anyone help?
D2RU
VP8SGP
RX1OX/FJL
Thanks & 73
Dave AA1HJ

2649. Re: How do I defeat CABLE TV..?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 18:05:31 UTC
From: ehare@arrl.org
Message-ID: <1995Mar2.180531.9102@arrl.org>
Source record: 251339

Bill Horger (cjds@ix.netcom.com) wrote:

: >Can someone tell me what I can and should do about stray RF
: >from a cable tv.

: Contact your nearest FCC field office. Excessive leakage not only causes
: amateur problems, but a lot of their stuff runs at aircraft frequencies
: (although not as much as long ago) and can be a hazard to aircraft
: navigation! I would contact the cable supplier and let them know what
: you are going to do.

If their leakage is interfering with the Amateur Radio service, it is in violation of the provisions of Part 76 of the FCC regulations.

I would first direct my problem toward the cable company system engineer or service manager. Chances are the "front-line" people who answer the phone don't know what you are talking about.

If this is not effective, contact me here at ARRL HQ. I can put you in contact with our liason to the National Cable Telecasters Association. This liaison will help your cable operator understand their responsibilities.

: Another source of info is the ARRL; tell them what
: youy want to do, and they can direct you. Don't expect THEM to do it for
: you!

For CATV inteference problems in general, I recommend you obtain our Radio Frequency Interference Book. If you are a League Member, you can also get a copy of the ARRL Technical Information Service info package on CATVI -- "EMI/RFI - CATV" by sending a LARGE SASE with 3 stamps on it to the ARRL Technical Department Secretary, 225 Main St, Newington CT 06111. This package is a reprint of an article I wrote for Communications Technology -- the Journal of the Society of Cable Television Engineers. We submitted it to "their" journal because we felt that it would carry more weight with the cable companies.

73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor, co-editor of Radio Frequency Interference: How to Find It and Fix It.

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

2650. A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 18:07:44 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3j561b$ivm@michp1.redstone.army.mil>
Source record: 251386

Hello;

KC4HRX, Heath Thorsen, is operator of the 147.505 repeater here in Huntsville. His repeater has an autopatch, and the telephone company is insisting on charging him a commercial rate for this phone line. I intend to draft a letter to the local phone company pointing out several facts:
1) Part 97 rules prohibit anything commercial on the repeater.
2) If we operate within the law, we _cannot_ conduct commercial activities on the repeater.
3) Heath is totally blind, has been from birth. He depends on this repeater for his ability to stay in contact with friends and relatives who provide his means of transportation to work, school and other.
4) The phone company appears to be taking advantage of him due to his handicap.

My questions: Can someone send me the applicable legalese from the FCC laws (part 97) which apply (the no commercial activity part)? I need the page and paragraph and the text to cite in my letter.

Does anyone have any suggestions on additional ammunition for coercing the phone company into giving this guy a residential rate (the diff is about $50 per month!)? Comments welcome...

Thanks,
Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil (work)
Internet: helliott@traveller.com (home)
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not reflect those of my employer or anyone else unless specifically stated as such.

2651. ICOM 232 interface program/codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 18:12:32 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <3j51qg$alk@crchh327.bnr.ca>
Source record: 251461

Is there an FTP site that has a ICOM RS232 control program or a list
of the "codes" for checking/setting freq. mode, etc. ?

Yes I know CT will do it to some extent, but I'm looking for a stand-alone
control prog. that is public domain.

I want to build the circuit from the March QST, but that is only half
the story.
--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of
my employer or co-workers, family, friends, congress, or president.

2652. GB2RS News 5th March 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 19:28:55 UTC
From: dave@llondel.demon.co.uk
Message-ID: <794197735snx@llondel.demon.co.uk>
Source record: 251342
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 5th of March and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

The RSGB London Amateur Radio and Computer Show takes place next weekend,

Three new RSGB Liaison Officers have been appointed, and

Andorra is to use a special prefix this month.

Next weekend, Saturday the 11th and Sunday the 12th of March, the RSGB London Amateur Radio and Computer Show takes place at Lee Valley Leisure Centre, Picketts Lock Lane, Edmonton, in north London. This major annual event features over 100 trade stands, an RSGB book and information stand, lectures, special interest groups and a bring and buy stall. RSGB Morse tests will be available on demand, but don't forget to take two passport-size photographs along if you wish to take your test at the Show. There will be talk-in stations on 2-metres and 70-centimetres, and doors open at 10.00 am on each day with priority admission for the disabled. Refreshments are available on site. Further details may be obtained by calling 01923 893929. The official 8-page Show guide, which was published in the March edition of Radio Communication, includes a full programme of events and travel details.

Three new RSGB Liaison Officers have been appointed in Zone B. For Derbyshire, the new RLO is Ken Frankcom, G3OCA, of 1 Chesterton Road, Spondon, Derbyshire DE21 7EN, telephone: 01332 662818. For Nottinghamshire, the RLO is John Coates, G4GYU, whose address is 30 Abbott Road, Mansfield, Nottinghamshire NG19 6DD, telephone: 01623 27257, and the RLO for Shropshire is Tony Colton, G0UYE, 9 Pineway, Lodge Farm, Bridgnorth, Shropshire WV15 5DS, telephone 01746 761203. RLOs hold a wide range of information and are available to help RSGB members in their county.

During the whole of March, members of the URA - the national society in Andorra - will be able to use the special prefix C37 in place of their normal C31 calls. This is in celebration of the 15th anniversary of the foundation of the URA. Special QSLs will be available to confirm contacts made with stations using the C37 prefix.

Now a note for your diary: on Friday the 24th of March, there will be a 'Radio and Communication Day' at King's College, London, starting at 10.00 am. In addition to an exhibition - where the public will be

invited to gain hands-on experience with much of the equipment on display - there will be a series of presentations on the development of radio, from its beginnings and into the next century. The RSGB will have a stand, and representatives will be available to answer questions about amateur radio and the Novice licence scheme. Following the presentations, a plaque will be unveiled commemorating the pioneering work of Sir Edward Appleton. The exhibition and presentations will be held at the King's College Strand campus, located next to Somerset House and close to Waterloo Bridge. The closest underground stations are Temple, Covent Garden, Charing Cross and Holborn. For further information call Anne Robinson on 0171 873 2696.

On the 70-centimetre band, two packet repeaters have closed down. They are GB7TN in Woodbridge, Suffolk, and GB7TV in Tiverton, Devon.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Bermuda, N2MZH will sign 'stroke VP9' until Tuesday the 7th of March. Activity will be on all bands, especially LF and the WARC bands.

From Sri Lanka, ON6TZ and ON4ASQ are active signing '4S7 stroke own calls' from now until Saturday the 1st of April.

And from Madagascar, a German group including DL5UF, DK1CE and DF5WA should be active until the 10th of March on all bands and modes.

Next the Rally News:

We know of no rallies for today, the 5th of March.

Next weekend, we know of one event apart from the London Show mentioned earlier: Next Sunday, the 12th of March, is the Wythall Radio Club Rally, at Wythall Park, Silver Street, Wythall, near Birmingham. It will feature the usual traders in three halls and a marquee, a bring and buy stall, and bar and refreshment facilities. Talk-in will be on S22. For further details contact Chris, G0EYO, on 0121 430 7267.

Now for the HF contest news: The ARRL DX SSB Contest is taking place this weekend on all HF bands, excluding the WARC bands. Contact only USA and Canadian stations and send an RS report followed by your power. The contest ends at 2359 UTC tonight. Brief rules were published in the February RadCom.

Next weekend, the 11th and 12th of March, the RSGB Commonwealth contest will take place from 1200 UTC on Saturday until 1200 UTC on Sunday. Work Commonwealth call areas on CW only and send RST and serial number. The full rules were published in the November 94 edition of Radio Communication.

As usual, HF National Field Day this year will be held over the first weekend in June, the 3rd and 4th. There is a small change to the rules this year - a second receiver will be allowed in both the Open and Restricted sections. That is, you will be allowed to use one transmitter

and one receiver (or one transceiver) plus an additional receiver. Note that a transceiver with a built-in second receiver, such as the FT-1000, counts as two receivers. Groups wishing to compete must send details of the site to be used to: David Hill, G4IQM, 14 The Garrones, Worth, Crawley, West Sussex, RH10 7YT, to arrive no later than the 6th of May. The full rules will be published in the April edition of RadCom, but groups wishing to receive an advance copy are welcome to request one from the RadCom office at RSGB Headquarters.

Next some VHF contest news:

The 144 and 432 MHz contest is taking place this weekend. This 24-hour event will finish at 1400 UTC this afternoon. The rules can be found in the February RadCom.

Next Sunday, the 12th, sees another event in the 70MHz Cumulative Contest which takes place between 1000 and 1200 UTC. The rules can be found in the January RadCom.

Special event stations GB0JAS and GB6 JAS in Nottingham, and GB2JAS in Liverpool, will be on the air this week in conjunction with the 'JASON Project - (Expedition Island Earth)'. GB0JAS will operate from today, the 5th of March, until this Saturday on HF, while GB6JAS will use the 6-metre, 2-metre and 70-centimetre bands. GB2JAS will be active weekday evenings and all day on Saturday until the 11th of March. A special aim of the JASON special event stations is to encourage a greater interest in the UK Novice Licence scheme and there will be Novices operating the stations from time to time.

And now the solar factual data:

The period from the 20th to the 26th of February saw the sunspot indices and solar flux levels decline. Solar activity was very low except on the 20th and the geomagnetic field was very quiet. HF band conditions were better than expected. The sunspot indices declined from 77 on the 21st to 39 on the 24th, but increased to end the period at 46. The mean for the period was 58. Solar flux levels declined from 91 units on the 20th to 83 units by the 24th but increased to 86 units on the 26th. The average for the period was 86 units.

Solar flares were reported on the 20th and the 21st, the largest being a M1.1/1N at 0321 on the 20th, but nothing came of it. The electron fluence declined from a high level on the 20th to moderate levels by the 22nd. The x-ray flux declined from B1.4 units on the 20th to A4.8 units on the 26th and averaged A6.5 units for the period. The 90 day solar flux average on the 26th was 84 units.

Geomagnetic levels were very quiet with a daily Ap index of only 1 on the 22nd and the 25th. And on the 22nd, six out of the eight three-hourly Kp observations were zeros. Unsettled conditions were reported on the 26th with an Ap index of 12 units, the average for the period was Ap 4 units. The state has been 'nil, nothing to report'. The aa indices, as supplied by the British Geological Survey for the period

from the 14th to the 20th of February, declined from active levels on the 14th, at 34.9 nanoTeslas down to quiet levels with only 8.8 nanoTeslas being recorded on the 20th. The average for the period was 18.6 nanoTeslas, about K2. Bartell's rotation number 2207 starts on the 7th of March.

I'll repeat the figures: spots - 58; flux - 86; Ap index - 4; x-ray flux - A6.5.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 17th to the 23rd of February, saw a welcome increase over the last few weeks. The HF bands responded well, particularly on the 17th with the 28MHz band open to South Africa and the 21MHz band full of stations from North America. The average for the period was 8.1MHz. The darkness hour lows also showed some improvement and averaged 3.4MHz with the 22nd up to 4.2MHz. The daytime highs taking place between 11.00 and 16.00 hours with the darkness hour lows mostly around 06.00 hours, but on the 18th as early as 22.00 hours.

I'll repeat the figures: highs - 8.1MHz; lows - 3.4MHz.

And lastly the solar forecast.

This week the quieter side of the sun is expected to be looking our way. Solar activity should be very low and the solar flux levels are expected to decline to the mid 70s. Geomagnetic activity is expected to be quiet for most of the week but active levels may be reached on the 6th, the 10th and the 11th. Ionospheric MUFs during daylight hours for the south are expected to be about 23MHz and for the north 20MHz, with the darkness hour lows about 10MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Tango and G7 Uniform Oscar series, and Novice calls in the 2 0 Alfa Juliet and 2 1 Delta Uniform series.

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GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

2653. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 19:33:52 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3j56j0$ts@news.CCIT.Arizona.EDU>
Source record: 251466

In article <kthompso.487.0011ACE8@WichitaKS.HMPD.COM> kthompso@WichitaKS.HMPD.COM (Ken Thompson) writes:
>In article <3j287s$214@news.CCIT.Arizona.EDU> hlester@nemo.as.arizona.edu (Howard Lester) writes:
>>>from the book page 30, the book was (c)1991 so I would beleive that it's safe
>>>to assume that the statement is still correct.
>
>>That's the problem right there - your edition is out of date.
>
>>Howard "double mushrooms" Lester
>
>maybe they did not change the rules in canada as they did in the us

Maybe, but that's not relevant to his question.

HL

2654. Re: FCC Telephone Number

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 19:54:33 UTC
From: hanebuth@eden.rutgers.edu
Message-ID: <3j57pp$oiq@er6.rutgers.edu>
Source record: 251468

pelt@vt.edu (Ranson J. Pelt) writes:

>Can someone e-mail me the 800 number for the FCC???

1-800-FCC-1117

--
* Stuart Hanebuth * Men Stumble over the truth from time *
* hanebuth@eden.rutgers.edu * to time, but most pick themselves up *
* (908) 932-8319 Rutgers University * and hurry off as if nothing happened *
* (908) 745-7685 New Jersey Local * KB0QXR * -Sir Winston Churchill *

2655. FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 19:55:42 UTC
From: pgsperseng@aol.com
Message-ID: <3j57ru$8l@newsbf02.news.aol.com>
Source record: 251467

I've got an FT-530 but can't work the local repeater from my home; a mile down the road it works fine. I suspect a high-gain antenna might do the trick. Any suggestions on which ones to consider?

Tnx
Paul AA1MI

2656. Hams and Railfans

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 19:59:32 UTC
From: ek207@cleveland.Freenet.Edu
Message-ID: <3j5834$rqi@usenet.INS.CWRU.Edu>
Source record: 251469

I am KB8UNC and also a railfan. We live in the Cleveland area and usually watch trains at Betch
train at Berea (Conrail). We do travel quite a bit to other railfanlocations.
I am trying to see if there is any need (want, opportunity) to have a national ?
or regional net to ragchew about our common interest of trains and ham radio.

A common frequency, 2 meter or 6 meter, simplex or repeater, would be a good starting poi
starting point. The idea is to let others know what trains are coming miles
down the line. Sometimes there are good lashups of uncommon pool power and it
is a shame that no one else can take advantage from my being there and seeing
it. I know several train crew members who are also ham operators and I can talk
to them but I am thiking if this network could be expanded. maximum coverage
should be about 100 miles since more than that would not be worthwhile since
it will be 14 hours later before the train gets to my location. :)

What does youse guys think? Is it a pipedream?

q
x
--
Bill & Tim . . . . . father & son
no track is safe from us. . . all pool power will be
photographed. HAM operators as well: KB8UNC & KB8UND

2657. Re: damping rate of thin ethernet coax

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 20:48:04 UTC
From: dunnt@starbase1.caltech.edu
Message-ID: <dunnt-0203951249010001@esg.caltech.edu>
Source record: 251526

10base2 use cable whos specs. are similar to RG 58 cable. It often comes in a plenum grade for use in airways/return ducts of buildings. The plenum grade cable is sometimes Teflon. Loss is still about same as any RG58 cable and except for short runs(under 5 meters) is not usefull at VHF.

73 Tom WB6IQD dunnt@starbase1.caltech.edu

> Recently, I got some meters of thin ethernet coaxial cable 10 BASE 2
> or IEEE 802.3. I intend to use it as antenna cable on VHF, but I don't
> know any data about it except the impedance of 50 Ohm. Does anybody
> have a catalogue or another data collection where one can find the
> damping rate of this cable (In particular I'm interested in the dB/m
> at frequencies around 145 MHz, but any other figures are welcome, too)?
> For easier reference I copy here the whole stuff written on the cable:
> KERPENspecial (I suppose this to be the trade mark) AWM STYLE 1354
> 60~C 30V THIN ETHERNET 10 BASE 2 IEEE 802.3 . The tilde stands for the
> "degree" symbol.
>
> Thanks in advance and 73 de DG0LFH
> Jan-Martin Hertzsch

2658. WANTED:Radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 20:54:00 UTC
From: Scott@ascot14.ho.att.com
Message-ID: <D4tzE1.8GI@nntpa.cb.att.com>
Source record: 251473

Is anybody interested in donating any sort of radios to Boy Scout troop 126. By any sort of radios I mean communication radios such as two way or CB, etc... These radios would be of great assistance to use on trips. Currently we only have two Maxons. We find these useful for communication between cars during traveling and between youth leaders while skiing, canoeing, and hiking. If anybody could donate any such radios it would be greatly appreciated.

Thanks

Scott Wetzel
Scott@ascot14.ho.att.com
BSA troop 126

2659. help please

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 21:11:39 UTC
From: henryb@waterw.com
Message-ID: <D4u07G.II3@waterw.com>
Source record: 251476

I don't have a ham card at this time but I would like to get one. I would like to talk with anyone in the Marlton NJ area who could give me some help geting the card. Please email my at henryb@waterw.com Thank you

Im sory if this is in the wrong newsgroup for this post.

Henry batchelor jr
henryb@waterw.com

2660. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 21:42:13 UTC
From: R.RADERMACHER@rrader.dinoco.de
Message-ID: <vVknFMD2E9alz7@r.radermacher.rrader.dinoco.de>
Source record: 251329

zlau@arrl.org (Zack Lau (KH6CP)) wrote on 27.02.1995
Re: "Re: Reliable transcontinental communications":

Z(> PatrickMY (patrickmy@aol.com) wrote:
Z(> : How reliable is HF? I live on the East Coast of the U. S. and I have a
Z(> : friend in the Philippines. Will we be able to chat with each other over
Z(> : the airwaves anytime we please? I know that 20 meters is the way to go,
Z(> : but will it go that far?
Z(>
Z(> HF is notoriously unreliable. Even big shortwave broadcasters,
Z(> run by governments with lots of land and money, cannot consistently
Z(> produce readable signals over that distance.

And not only in what concerns field strength. After years, I've heard USN
Pearl Harbour, for the first time again, on 4 megs. S9 plus 10 dB, but
messed up by multipath distorsion to an extent that no readable copy
whatsoever was possible.

Ralf

Ralf R. Radermacher - DL9KCG
Koeln/Cologne, Germany

-- MicroDot 1.6

2661. Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 21:43:32 UTC
From: szinski@prairienet.org
Message-ID: <3j5e64$akk@vixen.cso.uiuc.edu>
Source record: 251475
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone have any comments on the Tandy HTX-404 70cm transceiver?

I am thinking of purchasing this unit (on sale new for $229) and was
wondering who actually manufactures the unit for Radio Shack and if
the unit is well built and reliable? Also wondering if there were
any mods available for the unit.

Any information/opinions would be appreciated.

73 de Steve N9VAH

--
==
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==

2662. ARLD010 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 22:55:27 UTC
From: w1aw@arrl.org
Message-ID: <$arld010.1995@ampr.org>
Source record: 251340
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD010
ARLD010 DX news

ZCZC AE85
QST de W1AW
DX Bulletin 10 ARLD010
From ARRL Headquarters
Newington CT March 3, 1995
To all radio amateurs

SB DX ARL ARLD010
ARLD010 DX news

This week's bulletin was made possible with information provided by Steve, W9NUF, Tedd, KB8NW, Joe, NJ1Q, Wayne, WB6EQX, the Northern Illinois DX Association, the Ohio/Penn DX Bulletin, the Yankee Clipper Contest Club and Tokyo PacketCluster networks and the Contest Corral column from the pages of QST magazine. Thanks to all.

SPRATLY ISLANDS. Yet another group has announced plans to operate from ''Spratly.'' This operation is to be from Layang Lagang Island, the Malaysian claimed part of the Spratly Islands. This DXpedition will be from March 29 to April 3. The operator list consists of JA9AA, JA9AG, JR9GBJ, JS1QHO, 9M6BZ, 9M6JC and 9M6ST. Two of three stations will be on the air full time, with plans to operate CW, SSB, RTTY and SSTV signing 9M0A. For CW try 1825, 3502, 7002, 10102, 14002, 18070, 21002, 24940, 28002 and 50110 kHz. On SSB try 3790, 7080, 14195, 18115, 21295, 24990, 28495 and 50110 kHz. For RTTY try 7029, 14080, 21080 and 28080 kHz. SSTV will be on 14230 and 21330 kHz. QSL via JA9AG.

The Philippine Amateur Radio Association, PARA, will be leading a team to the Spratly Islands and operate as DU0K on all bands and modes from April 10 to 16. QSL via DU9RG.

ZONE 23. A DXpedition to the Tuva Republic of Russia is being planned by the Foundation for Amateur International Radio Service, FAIRS, and Friends of Tuva, FOT. Yuri, UA4LCQ, and Pat, AA6EG, are organizing a team of American operators to go to the capital city of Kyzyl. The DXpedition should run for nearly a month starting in late May or early June. Interested parties should contact Pat Barthelow, AA6EG, 1388 Boles Court, Seaside CA 93955, (408) 394-5531, or via the Internet to 4947@mgs.com.

LAOS. Reports from the Ohio/Penn and Tokyo PacketCluster networks indicate a station signing XW1 as being on the air. The Tokyo node reports the operator is JH1AJT. Check around 14195 to 14200 kHz between 1300 and 1400z, and again from 0000 to 0100z. QSL via JH1AJT.

ASCENSION ISLAND. Jim, N6TJ, signing ZD8Z, was very active during the past week. He was worked on 21250 kHz at 2000z on Wednesday. He plans to be in the ARRL DX SSB Contest over the weekend. QSL via VE3HO.

ETHIOPIA. ET3BT is a fairly easy catch. Try 14226 kHz at 1945z.

MALAWI. 7Q7LA was worked on 18153 kHz at 1945z from northern Illinois.

MAURITANIA. 5T5JC was quite active all bands this past week and worked on 24900 kHz at 2015z as well as 28468 kHz at 2050z.

TOGO. 5V7MD was active on a net on 14247 kHz at 2300z.

TUNISIA. Danny, ON4VT, was reportedly traveling to 3V-land in late February with plans to operate club station 3V8BB. To date there have been no PacketCluster spots on the New England network for this one. No documentation for this operation has been received by the DXCC Desk.

MADAGASCAR. Ben, 5R8DS, reports Germans DL5UF, DK1CE and DF5WA will be active through March 10. 5R8EI has been worked on 7004 kHz between 2245 and 2315z from New England. QSL via DL2GBT. 5R8EJ has been worked on 1823 kHz at 0222z and 7008 kHz between 0315 and 0345z.

NAMIBIA. DL7UTR and DL7UUO were reported to be signing V5/their home calls through March 19 on CW and SSB on all bands. However a station signing V52UUO has been very active and worked on 3505 kHz at 0443z, 3511 at 0505z, 7001 at 0532z, 7004 at 2149z and 7009 at 2201.

BERMUDA. Jeff, N2MZH, is supposed to become radio-active today at N2MZH/VP9 for a five day stint. He will be on all bands with a focus on WARC and low bands. Jeff prefers CW but will operate RTTY or SSB on request. He will be joined by VP9ID and operate VP9DX in the ARRL DX contest this weekend. QSL N2MZH/VP9 via N2MZH direct w/SASE via CBA. QSL VP9DX via WB2YQH direct w/SASE or via the bureau.

QSL INFO. Wayne, WB6EQX, reports receiving cards for 9K2MU and KG4DX. The correct QSL route for 9K2MU is via WA4JTK. For KG4DX, QSL via K0IEA.

THIS WEEKEND ON THE RADIO. Check out the phone portion of the ARRL International DX Contest. It starts at 0000z March 4 and wraps up at 2400z on the 5th. W/VE stations exchange signal report and section/province. DX stations exchange signal report and output

power. Complete rules appear in the December issue of QST on pages
122 and 124. Good luck in the Contest.
NNNN
/EX

2663. QST Review

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 23:12:05 UTC
From: fdoob@apk.net
Message-ID: <3j5jc5$rp3@wariat.wariat.org>
Source record: 251338

March, 1995 QST page 73 reviews our new product, ScrewGrab... and says,

"Hands-on testing in the ARRL Lab and by other HQ staff members had eyes popping when a mutilated screw locked in a vise wouldn't budge until we applied one drop of this remarkable liquid to
the former "X" on the screw head. Then, bingo, we could feel the slightly gritty compound helping the
screwdriver take hold to make it possible to twist the screw."

ScrewGrab will allow you to remove mutilated screws, phillips head, slot head, torx, allen, hex, etc. etc.
Also rounded off bolts, and most other torqued fasteners. The product DOES NOT HARDEN, wipes
clean with a rag, is non toxic, non-staining and has an unlimited shelf life.

For the complete text of the review, or for our catalog, E-mail to fdoob@apk.net. Include your postal
address. You may also order any of our products via this E-mail address with your VISA/MC. Ask for
details.

73,

Fred, AA8FQ

2664. IPS Daily Report - 02 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 23:26:31 UTC
From: rwc@ips.oz.au
Message-ID: <3j5k77$6lg@flare.syd.ips.oz.au>
Source record: 251402
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 02/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 02 MARCH AND FORECAST FOR 03 MARCH - 05 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 01 Mar
Daily Proton Fluence >1 MeV: 1.4E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 4.9E+08 (moderate)
X-ray background: B1.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
03 Mar 04 Mar 05 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Mar: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 01 Mar
Learmonth 20 3444 4422
Fredericksburg 22 25
Planetary 25 22

Observed Kp for 01 Mar: 3445 2433
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
03 Mar 20 Unsettled to active
04 Mar 20 Unsettled to active
05 Mar 10 Unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

02 Mar normal normal-poor fair-poor
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
03 Mar normal fair poor
04 Mar normal fair poor
05 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
02 Mar -10 10 to 30% below predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
03 Mar -5 10 to 20% below predicted monthly values
04 Mar 10 Near predicted monthly values
05 Mar 15 Near predicted monthly values

COMMENT: HF communicators in northern Australia region should
continue to use the monthly T index of 15. Depression affecting
southern Australian region only. Townsville MUFs were enhanced
10-30% again yesterday. Hobart MUFs were depressed by up to 30%
for most of the day with strong spread F observed during local night.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2665. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-02 23:49:07 UTC
From: danb@acme.csusb.edu
Message-ID: <3j5lhj$7po@news.csus.edu>
Source record: 251346
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Steve Zinski (szinski@prairienet.org) wrote:
: Does anyone have any comments on the Tandy HTX-404 70cm transceiver?

If the 202 is any indication, the 404 is a very rugged, well
built transceiver. Not the smallest, coolest, or lightest, but also one
of the cheapest.

: any mods available for the unit.

Like for wideband Rx? Duct tape a scanner to it.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

2666. ANARTS RTTY News Bulletin 847 25-26th FEBRUARY 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 00:04:55 UTC
From: dave@eram.esi.com.au
Message-ID: <3j5mf7$152@eram.esi.com.au>
Source record: 251398
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS News Bulletin 847 25-26th FEBRUARY 1995

THIS WEEKEND IS THE TIME OF THE CENTRAL COAST FIELD DAY IN NSW. THIS IS THE BIGGEST FIELD DAY IN THIS PART OF THE WORLD AND ANARTS WILL BE / HAS BEEN THERE ACCORDING TO WHICH BROADCAST YOU ARE WATCHING.

AS USUAL ON THIS WEEKEND THE BROADCAST GOES TO AIR ON TWO DAYS -- MORNING ON SATURDAY AND EVENING ON SUNDAY. THE USUAL REASON APPLIES -- WE ARE ALL AT THE FIELD DAY ON THE ANARTS STAND -- (OR IN MY CASE, WANDERING AROUND WITH A VIDEO CAMERA AND SPELLING PEOPLE ON A COUPLE OF STANDS -- ED.).

WHY NOT COME ALONG AND SAY HELLO? WE WILL BE VERY GLAD TO SEE YOU AND TALK ABOUT RTTY AND SOLAR CONDITIONS AND POOR CONDITIONS, AND ALL THAT JAZZ.

(EXPLANATION. I AM ALSO IN THE GLADESVILLE AMATEUR RADIO CLUB WHICH DOES TELEVISION ON CHANNEL 35 UHF, AND I DO A VIDEO REPORT ON THE FIELD DAY FOR THE FOLLOWING WEDNESDAY EVENING TRANSMISSION -- AND -- I MAKE VERY SURE THAT ANARTS GETS A GOOD COVERAGE, HI HI. ED.)

SEE YOU THERE (- OR, DID WE SEE -YOU- THERE?)

This Week in Amateur Radio Celebrates Edition #100

"This Week in Amateur Radio", North America's satellite-delivered amateur radio news and information service, celebrates its 2nd Anniversary this Saturday, February 25th, at 7:30 PM EST, with the airing of Edition #100.

Along with the program's regular weekly features, host Stephan Anderman, WA3RKB, will anchor numerous live telephone call-in segments throughout the program. Calls will be accepted at 518/664-6809 to discuss amateur radio topics such as the new vanity call sign program; new amateur frequency allocation activity at 219, 902, and 2400 MHz; FCC reorganization and regulatory activities; or whatever comes to mind.

Originally known as "Amateur Radio Weekly" and first carried on the Spacenet III commercial satellite from southern California, production of the program moved to central New

York in February 1993 when it was renamed "This Week in Amateur Radio". It was taken over the following month by the current production group and went on the air with a new, expanded format from the Albany, New York area on March 7th, 1993. The show went on a four-week hiatus during December 1993 in a transition from S3's "Let's Talk Radio Network" to the Galaxy III satellite and the new "Omega Radio Network", which features communications hobby programming. "Omega" and "This Week" moved to AT&T's Telstar 302, transponder 21 (11V), 5.8 MHz audio (4.120 GHz) earlier this month. T302 is located at 85 degrees west longitude in geosynchronous orbit.

"This Week in Amateur Radio" is produced by Community Video Associates, Inc., a New York not-for-profit corporation, and heard on nearly 100 amateur VHF/UHF repeaters throughout the United States and Canada, as well as nightly on the Gateway 160 Meter Net, WA0RCR, at 1860 kHz. Production, transmission, and maintenance expenses are underwritten entirely by contributions from the amateur community and program affiliates.

ITEM COURTESY OF ROD VK2DAY

IPS WEEKLY REPORT
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17 FEBRUARY - 23 FEBRUARY

DATE OF ISSUE: 24 FEBRUARY 1995

INDICES:

DATE 17 18 19 20 21 22 23
10CM 89 89 95 91 89 85 85
A 5 12 5 5 3 2 (5 ESTIMATED)
T 50 56 56 49 44 49 54

SOLAR ACTIVITY WAS VERY LOW 17TH, AND 22ND-23RD FEBRUARY; LOW 18TH-19TH, AND 21ST; AND MODERATE ON 20TH WITH AN M1 FLARE.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 18TH-19TH , AND QUIET FOR THE REST OF THE WEEK.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES TO 30 PER CENT ENHANCED ON 17TH; 15 TO 30 PER CENT ENHANCED 18TH-19TH; AND NEAR PREIDICTED TO 30 PER CENT ENHANCED 20TH-23RD FEBRUARY. SPORADIC E WAS OBSERVED AT TIMES ON 23RD.

FORECAST (24 FEBRUARY - 02 MARCH)

SOLAR: VERY LOW TO LOW. REGIONS THAT PRODUCED FLARES LAST ROTATION ARE NOT EXPECTED TO RETURN.

GEOMAGNETIC: INCREASING LEVELS OF ACTIVITY LATE ON THE 24TH,
WITH UNSETTLED TO ACTIVE CONDITIONS WITH
ISOLATED MINOR STORM LEVELS 25-27TH. UNSETTLED
TO ACTIVE CONDITIONS EXPECTED TO PREDOMINATE
UNTIL 2 MARCH.

IONOSPHERIC: NEAR PREDICTED MONTHLY VALUES TO 20 PER CENT
ENHANCED 24TH TO 25TH FEBRUARY, THEN DEPRESSED
TO 20 PER CENT ON 26TH, THEREAFER NEAR PREDICTED
MONTHLY VALUES. SPORADIC E AND SPREAD F LIKELY
26 FEBRUARY TO 2 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

RTDX0217 RTTY DX

VK2SG RTTY DX NOTES FOR WEEK ENDING 17 FEB 95 (BID RTDX0217)

OUR INFORMATION THIS WEEK CAME FROM I5FLN AND THE IK5PWJ
PACKET CLUSTER, JF1MGI, WB2CJL, W5KSI, WX5L AND THE K5NV
PACKET CLUSTER, ZS5S, AND THE NJ0M AND N0AT NODES OF THE
MINNESOTA DX PACKET CLUSTER NETWORK. THANKS FOR ALL YOUR HELP.

BANDPASS:
FRIDAY 10
0917-14082 YJ0AXC QSL JE1DXC
1336-14086 9K2KF
1342-14084 UN5PR
2056-14080 EA8PDT
2246-14086 VK2KM
2313-14084 PY5CA

SATURDAY 11
0019-14087 VP9CKN
0739-14084 TA2FM
0918-14083 ZD7DP
1231-14085 OA4CZO
1305-14083 WP4Q
1321-14087 UA9FJ
1328-14091 FG5GZ
1332-14084 UT2IZ
1424-14082 SV5BYP
1506-14081 A71EY
1524-14087 RA1ZD
1529-14085 9A3FT
1542-14085 UA2AO
1600-7036 S50C
1602-14082 S51DX
1626-14087 PJ2MI
1636-14085 EM0F
1716-14084 S51DX
1721-21084 D2EV PACTOR

1756-14083 D68UY QSL VIA DK7UY
1946-14086 ZD7DP
1951-14084 FG5FI
1954-14083 WP4Q
2001-14088 3DA0CA
2011-14084 EA8PDT
2146-14088 OH2LU
2150-14085 V31AR
2212-14084 5T5JC
2216-14084 8P6QA
2239-14088 JA1AYC
2242-14086 5T5JC
2248-14086 VP8CKN
2354-14083 LU1CIB

SUNDAY 12
0004-14083 AZ7FAF
0012-14085 LU1CIB
0039-14085 JA3PFZ
0213-14079 JA3DLE/1 PACTOR
0250-14085 V73C
0309-14087 VP8CKN
0442-21083 3D2XC
0801-14084 ZD7DP
0928-14087 3D2RW QSL ZL1AMO
1128-14085 SV5BYP
1254-21080 D68UY
1339-21086 S54A
1349-14087 A71EY
1352-14087 LZ1MC
1353-14085 LX1TI
1358-14090 SV5AZK
1418-14084 JW0I
1442-14082 HI8BG
1450-14082 HI8LG
1503-14084 ZA1MH
1848-14085 CU3EM
1856-14083 ZD7DP
1925-14083 5T5JC
2037-21082 FG5FI
2038-21082 FGFGI
2125-21085 PJ8JQ
2128-21085 PJ9JT
2129-14082 FM5FM
2132-14085 VP8WA
2200-14083 HK4DWY
2301-14083 DP1KGI WKG XCV - QSL VIA DD6UAB SEE NOTE

MONDAY 13
0010-14087 DP1KGI QSX UP
0027-14087 VP8CKN

0134-14086 VP8CIL
1247-14078 HI8BG PACTOR
1925-14086 VP8CIL
2304-14083 DP1KGI

TUESDAY 14
0206-14083 ZP5LOB
0240-14083 DP1KGI STILL THERE
1003-14087 3D2RW
1353-14085 A71EY
2307-14081 9Q5TT
2259-14083 DP1KGI
2352-14080 CX7BF

WEDNESDY 15
0005-14082 DP1KGI
0030-14082 LU8VCC
0051-14083 PZ1BS
0105-14086 XE1XOE
0146-14086 CX7BG
0200-14086 CX7BF
2031-14084 9Q5TT QSL VIA ON5NT
2252-14083 DP1KGI
2358-14083 DP1KGI STILL THERE

THURSDAY 16
1922-21082 D68UY
1939-28098 LU2MEK

NOTES OF INTEREST:
BARBADOS, 8P - FROM 19 FEBRUARY TO 2 MARCH, PETER, W0SA WILL
BE ACTIVE AS 8P9NX ON RTTY AND CW. QSL HOME CBA.

QSL ROUTE FOR DP1KGI: THOMAS SCHOENTAG DD6UAB, KIENOFENPROMEN-
ADE 3, D-17279 LYCHEN, GERMANY.

THE VK2SG RTTY DX NOTES ARE AVAILABLE ON INTERNET VIA TELNET
OR FTP AT AB6Z.AMP.ORG THE DIRECTORY IS CALLED /RTTYNOTE.

SEND NEXT WEEKS INFORMATION TO BOB WB2JGR AT
W5KSI.#NOLA.LA.USA.NA
73 DE JULES W2JGR.. GOOD HUNTING..

DX BULLETIN 8 ARLD008
FROM ARRL HEADQUARTERS
NEWINGTON CT FEBRUARY 16, 1995
TO ALL RADIO AMATEURS

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFORMATION
PROVIDED BY TEDD, KB8NW, THE OPDX BULLETIN, AKIO, JA3JM, ALAN,
NS0B, TOSY, JA6VZB, THE YANKEE CLIPPER CONTEST CLUB

PACKETCLUSTER NETWORK AND THE CONTEST CORRAL COLUMN FROM THE PAGES OF QST MAGAZINE. THANKS TO ALL.

UGANDA. PAUL, 5Z4FO, AKA W4PFM, OA8V AND KP4AWH, WILL BE RELOCATING TO UGANDA FOR A ONE YEAR WORK ASSIGNMENT STARTING IN JULY. HE WILL BE ACTIVE SIGNING 5X1MW ON ALL BANDS. LISTEN FOR HIS CW AND SSB. QSL VIA KB4EKY.

MACAO. LEO, K8PYD, IS NOW ON AS XX9TYD AND WAS HEARD ON 14033 AND 7004 KHZ AROUND 1200 AND 0030Z RESPECTIVELY. QSL VIA K8PYD.

VANUATU. YJ0AXC HAS BEEN ON EITHER 40 OR 80 METERS MOST MORNINGS FROM 1100 TO 1300Z.

MICRONESIA AND BELAU. JA2NQG WILL BE SIGNING V63WW FROM POHNPEI FEBRUARY 17 TO 23, INCLUDING CONTEST OPERATIONS. FROM FEBRUARY 24 TO MARCH 1 HE WILL SIGN KC6CW OR KC6WW. QSL VIA JA2NQG.

DOMINICA. LOU, WA6SBS, AND GEORGE, N6ZS, WILL BE IN THE ARRL CW CONTEST, POSSIBLY USING THE CALL J75A. OUTSIDE CONTEST HOURS THEY WILL BE ON ALL BANDS WITH CW, SSB AND RTTY. QSL VIA N6ZS.

MONTSERRAT. ART, WA2UJH, RECEIVED THE CALL SIGN VP2MDY AND WILL OPERATE THROUGH FEBRUARY 26. HE PLANS TO OPERATE MOSTLY CW ON 40, USE 80 AND 160 METERS INCLUDING ACTIVITY ON THE WARC BANDS. QSL VIA NW8F.

GUATEMALA. SCOTT, KA9FOX, BE IN THE ARRL DX SSB CONTEST AND HOPES TO OPERATE TG9GI AS TG0AA. HE WILL TRY TO BE ON BEFORE AND AFTER THE CONTEST FROM THE QTH OF TG9AJR. QSL VIA KA9FOX.

BARBADOS. PETER, W0SA, WILL SIGN 8P9NX ON CW AND RTTY FROM FEBRUARY 19 TO MARCH 2 . HE WILL BE ACTIVE ON CW AND RTTY. QSL VIA W0SA. DAN, N8DCJ, WILL BE ON AS 8P9CW FEBRUARY 18 TO 25. DAN FAVORS CW AND WILL BE ON 160 THROUGH 10 METERS. QSL VIA WB8LFO.

SWEDEN. THE NEW PREFIX SH IS BEING ISSUED TO NOVICES. SH-LICENSEES HAVE HF, AS WELL AS VHF/UHF PRIVILEGES.

Coming events

February 26th Central Coast Field
Day at Wyong

WANT TO GET STARTED IN RTTY?

GORDON VK2AVU HAS SOME RTTY GEAR FOR DISPOSAL. IT CAN BE USED TO GET YOU UP ON AIR OR AS SPARES FOR YOUR OWN EQUIPMENT. GORDON HAS A SIEMENS 100 AND A TTY MODEL 32 WITH MANUALS, AND 10-12 ROLLS OF PAPER.

CONTACT GORDON MAXWELL VK2AVU QTHR

FOR DISPOSAL

VK2SG HAS SOME JUNK FOR DISPOSAL, STUFF THAT HE THINKS HE WILL NEVER NEED AGAIN, ITS YOUR FOR THE COLLECTION. THINGS LIKE TRANSFORMERS 385/385 VOLTS, MOTORS FOR PRINTERS, THAT CAN BE USED FOR OTHER THINGS, TUNING CONDENSERS, BOXES OF ELECTROLYT-ICS, ETC ETC ETC. IF YOU CAN USE IT, COME AND GET IT. ALSO HAS PRINTERS LIKE SAGEMS MODIFIED FOR 45/50 AND 75 BAUDS, SIEMEN SET FOR 45 BAUDS WITH PAPER WIND UP MOTOR.

HE ALSO HAS A TELEREADER WITH POWER SUPPLY WHICH DOES CW/RTTY (VARIOUS BAUD RATES), ASCII AND HAS BEEN MODIFIED FOR AMTOR, ALL PAPERWORK AND HANDBOOKS INCLUDED PLUS A SPARE MK2 AMTOR BOARD, NEGOTIABLE PRICE ... THERE ARE ALSO OTHER BITS OF JUNK AS WELL, EVEN VALVES.

SOME RADIO CLUB MAY BE INTERESTED.

DE SYD VK2SG QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President(Col) VK2CTD at VK2XSB, or the Secretary (Pat) VK2JPA at VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA at VK2AAB. Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-ward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes the broadcast for this morning/evening.
de VK2TTY
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2667. VK2WI Weekly News, 26th February, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 00:08:22 UTC
From: dave@eram.esi.com.au
Message-ID: <3j5mlm$17a@eram.esi.com.au>
Source record: 251378
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[No WIA news due to Field Day]

WICEN News

This week's news will be brief, due to the Central Coast Amateur Radio Club Field Day today (Sunday).

WICEN members will be saddened to learn of the passing of Howard Freeman, VK2NL, on the 17th February; full details appeared in last week's broadcast, but could not be included in the WICEN segment due to time. Howard was responsible for rebuilding WICEN (NSW) during a period when there was little interest in the organ-isation, and as a result of his hard work he was made a Life Member; he will be missed.

Next month is going to be busy with the "RTA Big NSW Bike Ride" from the 4th to the 11th of March for which the current contact is John VK2AMH; the Watagan Horse Enduro commanded by the eponymous Dan VK2GG on 5th March (with a 4am start!), the John Moyle Field Day on the weekend of 18-19th March, in which Hunter WICEN at least will be taking part; and on the same weekend the annual Bungonia Cave Rescue in which Mark VK2XGK is looking for volunteers who won't necessarily have to go underground, and Mark can be contacted at work on (02) 936-8689.

A major event in April is the Oberon Car Rally on 29th April, and about 20 people are required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

News Briefs

The papers recently reported the exploits of computer hacker Kevin Mitnick, who "spoofed" computers on the Internet in order to

steal software and gain access to sensitive data. For example, Mitnick obtained credit card details for 20,000 members of Netcom Communications of San Jose; he also broke into the computer that is supposed to protect Motorola's internal computer communications network from intruders.

Mitnick made the mistake of treading on the toes of "cyber-sleuth" Tsutomu Shimomura, who tracked him down, and led the FBI to the hacker's doorstep.

One minor detail that didn't make it into the press reports is that Kevin Mitnick is apparently a Radio Amateur, holding the General class callsign N6NHG. The things some amateurs get up to when the sunspots are low ...

***

A few weeks ago, we mentioned some technical advances in the area of battery power; a few more details have since come to hand. Noburu Oyama of the Tokyo University of Agriculture has written about the use of organic plastics in batteries.

Two conducting polymers, dimercaptan and polyaniline, can be used in place of metal electrodes, thus reducing the battery weight; they also offer a high storage capacity and good mechanical strength. They have already been used successfully in lithium batteries, and new versions of the polymers promise even better performance.

***

It's that time of the year again ... Michelangelo's birthday falls next Monday, 6th March. It's also the date that the Michelangelo virus becomes active. If your PC is infected with the virus, and you "boot" your PC on that date, you are likely to lose all information from your hard disk.

This virus has been around for a few years now, but for the last two years Michelangelo's birthday has fallen on the the weekend, so business computer users generally haven't been affected.

So, before next Monday, all PC owners should scan their computers for the virus--don't say we didn't warn you.

***

Speaking of viruses, the Australian Tax Office suffered some embarassment last week when its 26 national offices were brought to a standstill for 24 hours, thanks to the "No Frills" virus. The virus was discovered at the ATO's Box Hill office in East Melbourne, and the staff at all ATO ofices had to process data manually until every PC had been checked.

***

Intel has unveiled its successor to the Pentium chip, the "P6" which they say will run twice as fast as its predecessor, due to its improved internal architecture.

Intel says that the P6 does not suffer from the Pentium's problem with the floating point unit--otherwise they might have called it the P5.997534--but they don't guarantee the chip will be flawless. When flaws are discovered during testing, they are resolved, and a new version or stepping of the chip is produced. Intel said the P6 would initially sell for between US$900 and US$1000. Intel expects to introduce the P7 around 1998.

"News Briefs" looks at communications news items that appear in the mainstream media. Thanks this week go to "The Australian" and "The Sydney Morning Herald". If your local or regional paper runs an item of interest to Radio Amateurs, please send a clipping to the Divisional office.

--Richard Murnane VK2SKY

IPS WEEKLY REPORT
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17 FEBRUARY - 23 FEBRUARY

DATE OF ISSUE: 24 FEBRUARY 1995

INDICES:
DATE 17 18 19 20 21 22 23
10CM 89 89 95 91 89 85 85
A 5 12 5 5 3 2 (5 ESTIMATED)
T 50 56 56 49 44 49 54

SOLAR ACTIVITY WAS VERY LOW 17TH, AND 22ND-23RD FEBRUARY; LOW 18TH-19TH, AND 21ST; AND MODERATE ON 20TH WITH AN M1 FLARE.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 18TH-19TH , AND QUIET FOR THE REST OF THE WEEK.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR PRE-DICTED MONTHLY VALUES TO 30 PER CENT ENHANCED ON 17TH; 15 TO 30 PER CENT ENHANCED 18TH-19TH; AND NEAR PREDICTED TO 30 PER CENT ENHANCED 20TH-23RD FEBRUARY. SPORADIC E WAS OBSERVED AT TIMES ON 23RD.

FORECAST (24 FEBRUARY - 02 MARCH)

SOLAR: VERY LOW TO LOW. REGIONS THAT PRODUCED FLARES LAST ROTATION ARE NOT EXPECTED TO RETURN.

GEOMAGNETIC: INCREASING LEVELS OF ACTIVITY LATE ON THE 24TH, WITH UNSETTLED TO ACTIVE CONDITIONS WITH ISOLATED MINOR STORM LEVELS 25-27TH. UNSETTLED TO ACTIVE CONDITIONS EXPECTED TO PREDOMINATE UNTIL 2 MARCH.

IONOSPHERIC: NEAR PREDICTED MONTHLY VALUES TO 20 PER CENT
ENHANCED 24TH TO 25TH FEBRUARY, THEN DEPRESSED
TO 20 PER CENT ON 26TH, THEREAFER NEAR PREDICTED
MONTHLY VALUES. SPORADIC E AND SPREAD F LIKELY
26 FEBRUARY TO 2 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

From the St George Amateur Radio Society

The next meeting of the Society will be held at the usual venue, that is in the 1st Allawah Scout hall, corner of Bellevue Pde, and Blakesley Rd., South Hurstville at 7.30 pm next Wednesday evening the 1st of March 1995.

The Society's guest speaker for this meeting will be John Hams VK2JH. John will be giving an interesting talk on details regarding the design and installation of the new Government Radio Network which is currently under construction, installation and testing.

This network, using latest state of the art digital technology, is planned to centralise most of the New South Wales Government's many authorities who use radio communication to assist their activities within the community.

Members and interested visitors should not miss this opportunity to improve their knowledge of this major change by the government to change the way many of our public utilities use the radio spectrum.

Visitors are always welcome to club meetings, coffee, tea and biscuits are provided and the members look forward to meeting those interested in attending.

from -- Allan VK2XF Publicity Officer

Waverley Amateur Radio Society

Now that the Society has a permanent venue at Rose Bay, it is commencing classes for prospective amateurs and those wishing to upgrade their licences. A video based theory course is to start on Tuesday the 21st of March and will continue every Tuesday for 20 weeks. Our first morse class aiming at the 10 wpm test is nearing a close and a new class will follow. Would anyone interested in either class please contact the Secretary, Grant Hinchcliff, VK2TU, on 957-7100 during working hours or 319-1913 after hours.

Remember that the first Friday of every month is now Project Night, so come along to our premises in Vickery Avenue, Rose Bay on the 3rd of March at 7:00 pm and bring along any technical problems or just drop in for a rag chew.

Simon Buxton - VK2EII - Publicity Officer

Blue Mountains Amateur Radio Club

The Blue Mountains Amateur Radio Club invites one and all to our next meeting on Friday, 3rd March, 1995.

The Guest Speaker for the night is Ray, VK2FXO sysop of VK2CZR. Ray will speak on the subject of Packet Radio and Bulletin Boards in particular.

The meeting will be held at Springwood High School, corner of Grose Road and Chapman Parade, Faulconbridge; enter from Chapman Parade. The usual tea, coffee and delicious scones will be served.

All interested are welcome.

Alan , VK2ICL
Publicity Officer

Coming events

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Short Wave Listeners ...

St George ARC meeting. . . . . Wednesday
Waverley ARC Project Night . . . . . .Friday
Proposed new Amateur Licence fees scheduled to come into effect, 1 March. but this may be delayed until April - so please keep writing!
RTA Big NSW Bike Ride (WICEN). . . . . Saturday through 11 March
Daylight Saving Time ends. . . . . next Sunday
Summerland ARC Annual General Meeing . . . . . 5 March
Michelangelo's birthday (check your PC for the virus!) . 6 March
Signals Reunion at Wagga Wagga . . . . . 11-12 March
Bungonia Cave Rescue exercise (WICEN-Mark VK2XGK). . 18-19 March
Hunter WICEN meeting (Pauline VK2TGB). . . . . .20 March
Waverley ARC Amateur classes begin . . . . . .21 March
Divisional Trash and Treasure Sale . . . . . .26 March
Easter Monday public holiday . . . . . .17 April
Hunter WICEN meeting (Pauline VK2GTB). . . . . .17 April
International Marconi Day. . . . . .22 April
ANZAC Day. . . . . .25 April
Oberon Car Rally (WICEN--Alan VK2YYJ). . . . . .29 April

If you have an event you'd like publicised on the weekly broad-cast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066. Items may also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 26th February 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is

acknowledged.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2668. Field Day Press Release

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 00:09:43 UTC
From: dave@eram.esi.com.au
Message-ID: <3j5mo7$18b@eram.esi.com.au>
Source record: 251379
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

Field Day Press Release

In response to several enquiries, hereunder please find the text
of a leaflet handed out at the Wyong Field Day, entitled:

"WHAT'S GOING ON IN VK2" ????

-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o

``MAY YOU LIVE IN INTERESTING TIMES'' is supposed to be the great
Chinese curse! If so, NSW has been well cursed in the last twelve
months. It has been a very interesting time since the last election.

LEGAL POSITION:
To date the matter of the last election has not been resolved. A
legal brief has been prepared and is ready for submission to the
Court. This Division cannot have an AGM at the usual time in April
until permission is given by the Court. Costs, despite what you
may have heard, have been kept to a minimum, as the brief was
prepared largely by ourselves. Remember these circumstances were
created under the previous Council. None of the members of that
Council remain on the present Council.

ADMINISTRATION:
In view of the above situation an agreement was reached with all
affected persons, that the Institute should function in a caretaker
role. This agreement meant that despite the council not having a
proper legal status, day to day running expenses could and should
be met. These costs included things like telephone, rates, wages,
electricity, stationery, postage, book purchases and sales, to name
a few. Council has met "in public" rather than "in camera". All
such expenditure has been approved by consensus.

COMMITTEES:
The council has established several committees which were considered
urgent and necessary. These are the NSW Technical Advisory Committee
(NTAC). The members are Barry Sullivan VK2BZ, Chair; Ian Rosser
VK2XB; Barry White VK2AAB; Dr. Tony Farrow VK2TJF; Bob Mayer VK2BMU
and Glen English VK2JPR. A Committee to rewrite the Memorandum
and Articles of Association: those members are Colin Duhig VK2XXE;
Cesar Miranda VK2TCM and Eric Fossey VK2EFY; and finally a committee
to investigate the proposed new licence fees, comprising of Peter
Jensen VK2AQJ, Chair; Cesar Miranda VK2TCM; Richard Murnane VK2SKY
and Dave Horsfall VK2KFU. After several meetings ALL Repeater,
link applications and the like have been recommended for approval.

As at 13th February, 1995 there are NO outstanding applications. SMA approval should now only be a matter of course. The Memorandum and Articles of Association Committee have been completely re-written and are now being fine tuned.

LICENCE FEES......TAXES ??
This Division was the first to bring this matter to the attention of the Amateur Radio Fraternity. In a Broadcast on 18th December, 1994 and via the Packet network, this Division alerted amateurs to the proposed increases in licence fees. The increased cost was identified as a "Consumer Tax" and all amateurs were encouraged to write to their local Members of Parliament. Whilst other Divisions were closed all during January, this Division was not sitting on its hands. Letters were written to all members of the Government Arts and Communications Committee; a committee exclusively the province of the ALP Government.

Your Council Fees Committee met at the request of the President and in ONE WEEK after burning much midnight oil, came up with what can only be described as an excellent submission. This submission not only argued the case but came up with what we consider to be acceptable, viable alternatives to avoid any fee increases. You will receive a copy of this submission together with copies of the letters sent to various Politicians in your March Amateur Radio magazine.

RESIGNATIONS:
Much has been written on Packet Radio regarding the resignation of persons from the Divisional Council. Four persons in all have left Council since "the election" last April. Despite what has been said, these people left of their own free will. It was really a question of numbers. Some of these individuals wanted to "maintain the rage", the majority did not. They were simply outnumbered. They resigned.

LONGER TERM OBJECTIVES
It is no secret that the last 18 months has been a very difficult time for the NSW Division of the Wireless Institute of Australia. There has been much animosity and in-fighting which can be seen as stemming, in part, from problems of the form of the organisation and lack of communication which have built up over many years.

Now seems to be a time for reconciliation and bridge building. Amateur radio is clearly under threat as the actions of the SMA in recent times make very clear. It is not a time for recriminations or finger pointing but for determining appropriate directions to be going in, with proper involvement of the members and the affiliated clubs.

The NSW Division will, as soon as the legal situation has been resolved, convene a Special Meeting of the Division, firstly to establish the procedures for holding an election but secondly and

more importantly, to obtain input from the members as to what the major goals of the Institute should be in the longer term. Despite the problems that the WIA has had, it remains THE ONLY SIGNIFICANT channel of communication to the Government and for that reason should be supported by all Radio Amateurs.

In this context, the level of membership remains a key matter for concern which is only likely to be met by the WIA being seen to be doing useful and relevant things for its members and for the service in general.

If you are a member, indeed even if you are not, we need your support and input to our deliberations. Messages of a constructive nature will be received with interest.

(signed)

MICHAEL B. CORBIN,
PRESIDENT.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2669. Re: <<< L.I. Tower Case Update - Good News ? >>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 01:05:14 UTC
From: allent@mnsinc.com
Message-ID: <3j5fsf$daj@news1.mnsinc.com>
Source record: 251337

In article <3j0ft3$d46@i-2000.com>, hmn@i-2000.com says...
>
>Has the Town of Hempstead on Long Island seen the Light?
>As many of you are aware, Mark Nadel, NK2T has been fighting a long
>drawn out battle for the past two years with The Town of Hempstead on
>Long Island NY. After spending almost $25,000 in legal expenses and
going

>On Tuesday, February 28, 1995, The Town Board has shown some interest in
>possibly changing their 30 ft height limitation for amateur radio
antenna towers.
>The Town's legal department has requested model antenna ordinances from
>
>For updated information on this precident setting case call the
R.A.D.I.O. information
>line at 516-735-2500 24 hrs/day
>
>Thank you.
>
Recently I heard or read about a court (an appellate or possibly a
federal court) overturning a local ordinance against satellite dishes on
first amendment grounds. The item went on to speculate about
the rulings impact on restrictive zoning and condo-nazi regulations, but
it struck me that it also has implications for local laws restricting ham
antennas. Maybe this is the "Light" that was shinning in the Hempstead
officials eyes.

2670. Re: March is Red Cross month; March 11 is Disaster Drill Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 01:08:35 UTC
From: dbushong@wang.com
Message-ID: <D4uB6B.DJA@wang.com>
Source record: 251328

Are hams involved in this?

[Crossposted from alt.disasters.misc]
==========
thomasfort@aol.com (ThomasFort) writes:

> AMERICAN RED CROSS MONTH, 1995
>
> BY THE PRESIDENT OF THE UNITED STATES OF AMERICA
> A PROCLAMATION
> Every day, thousands of people in need look to the American
> RED CROSS as a banner of hope. For disaster victims here and
> abroad, for service men and women seeking assistance, and for
> everyone depending on a safe and ready supply of blood the
> RED CROSS stands prepared to respond. But the scope of its
> service extends well beyond the provision of emergency care.
> Its broader mission is clear: to promote compassion, to foster
> a spirit of generosity, and to improve the human condition
> everywhere.
> Since Clara Barton "The Angel of the Battlefield"
> founded the American Association of the RED CROSS in 1881,
> its members have been called upon to serve in war and in peace.
> Today, with more than 1 million dedicated and experienced
> volunteers, the American RED CROSS plays a vital role in
> bringing physical and emotional comfort to those who need it
> most. Whether they are responding to an emergency or addressing
> the daily necessities of the homeless and elderly, RED CROSS
> workers have always been models of community spirit.
> Dangers to the health and safety of our people have changed
> radically during the past hundred years, and the RED CROSS has
> adapted to meet these needs. Its commitment to caring for
> others enables us to restore hope in the lives of injured
> citizens, and its example challenges us to revitalize the
> covenant of American citizenship. The long term strength of our
> Nation depends upon our willingness to live out the ideals long
> embodied by the American RED CROSS. To celebrate our past and
> to safeguard our future, I am proud to commend the countless
> individuals whose courage and selflessness have sustained this
> organization for more than a century.
> NOW, THEREFORE, I, WILLIAM J. CLINTON, President of the
> United States of America and Honorary Chairman of the American
> RED CROSS, by virtue of the authority vested in me by the
> Constitution and laws of the United States, do hereby proclaim
> March 1995 as "American RED CROSS Month." I urge all Americans
> to show support for the more than 2,000 RED CROSS chapters

> nationwide, and I challenge each of you to become active
> participants in advancing the noble mission of the RED CROSS.
> IN WITNESS WHEREOF, I have hereunto set my hand this
> twenty seventh day of February, in the year of our Lord
> nineteen hundred and ninety five, and of the Independence of
> the United States of America the two hundred and nineteenth.
> WILLIAM J. CLINTON
>==========

>As part of the 1995 American Red Cross Community Campaign, you are
>encouraged to take part in a nationwide "Community Disaster Drill" on
>Saturday, March 11.

>On that day, Red Cross chapters will hold disaster drills in the smallest
>towns and largest cities across the country. Hundreds of simulated local
>disasters -- including fires, floods, and tornados--will be staged to hit
>communities across the nation. In response, the Red Cross will
>immediately take action, providing emergency services to hundreds of local
>"victims." The Disaster Operations Center (DOC) at NHQ will also be
>"responding" to a simulated large disaster, and interacting with state
>lead units for disaster services.

>Your local event--whether it is a disaster drill or another
>disaster-related event -- will send the following key messages to your
>community:

> When disasters large or small strike in your community, the
> American Red Cross knows what to do.

> The Red Cross acts immediately in times of serious need.

> Every day, the Red Cross helps people face life's emergencies.

> The Red Cross needs the community's support to do its job.

>Contact your local chapter of the American Red Cross to find out how you
>can participate in the nationwide "Community Disaster Drill".

[end of included posting]

Dave
--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

2671. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 01:16:27 UTC
From: kim@nntp.cadence.com
Message-ID: <D4uBJG.8po@Cadence.COM>
Source record: 251387

Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
: In article <3ivo4i$jqf@odin.community.net> sbaldwin@community.net writes:

: > I'm studying for my General License right now, and the book from
: > Gordon West mentioned that, in an emergency, we may use ANY FREQUENCY
: > to summon aid. However, it also said that POLICE CHANNELS are taboo.

: Well that's just dandy! Clearly, if you get into trouble with this advice,
: Gordon will come by and bail you out :-)

: There seems to be a confusion between what Part 97 permits and what it
: does not forbid. It would be a serious mistake to act with the assumption
: that what Part 97 does not forbid is thereby permitted without limit.

: Apart from FCC communications emergencies, RACES and the President's War
: Powers, this is how the FCC guides us:

: 97.403 Safety of life and protection of property. - No provision
: of these rules prevents the use by an amateur station of any means of
: radiocommunication at its disposal to provide essential communication
: needs in connection with the immediate safety of human life and immediate
: protection of property when normal communication systems are not
: available.

: Remember that part 97 does not prevent anyone from saving lives or property.
: That is not the same thing as saying that part 97 PERMITS anyone from
: exceeding the permission of their license grant. If you get into trouble,
: you will receive a complaint under some other federal or local code and it
: will not be as a breach of Part 97.

Oh, I don't know. I think the phrase "any means of radiocommunication at
its disposal to provide essential communication" can be construed to
give permission to an amateur to transmit out of band in an emergency.
It is all in how the FCC and the federal courts interpret that phrase,
whether broadly or narrowly.

Besides, I seem to remember something to the effect that an FCC-declared
emergency can have the effect of allowing amateurs to use FCC-designated
frequencies for emergency traffic, whether in or out of the ham bands.

--

"Never let work interfere with your reasons for working."

Kim Helliwell

2672. Information

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 01:22:54 UTC
From: floydjr@nando.net
Message-ID: <Pine.SUN.3.90.950302201518.25453C-100000@merlin.nando.net>
Source record: 251388

I am brand new to Internet. I have been a Ham since 1976. My call is WA4ZXA.
The name is Jim Floyd and Qth is Thomasville, NC. I am interested on how
to get information on three aspects of amateur radio. They are DXing,
Contesting, and Digital Modes. I would appreciate avenues that could
obtain information on them. Please keep as simple as you can as I stated
am quite new to this. Thank you for your time and help in this matter.
73's JIM / WA4ZXA

2673. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 04:04:46 UTC
From: jimh@w8hd.org
Message-ID: <jimh-0203952304460001@hotel.w8hd.org>
Source record: 251330
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3it0oi$b7f@news.onramp.net>, darrick@ncc.com wrote:

> I live about 25 miles from my job, out in the country. At work, we have a
> 128Kbps ISDN line coming in to our TCP/IP network. I spoke with my boss and
> he had no problem letting me connect to the net from home on a 24 hour a day
> basis. The problem is, where I live the phone company doesn't supply ISDN.
> I don't want a slow 14.4kbps link (I'm too used to the nice, fast connection
> at work :-)), so a regular phone line is out (plus, the phone company charges
> me extra just for a regular phone line!). Well...
>
> Can I set up a WA4DSY 56kbps modem on both ends, and set up a 24 hour a day,
> 7 day a week internet connection for myself? This is mainly for personal
> reasons, although that doesn't mean I won't check on things at work from home
> (I'm a network coordinator at work), or download some files for work at home
> on the weekends, but probably 95% of everything done on that link would be
> for my personal enjoyment. I was thinking of using the 10gHz band for
this link.
>
> Does the FCC allow this type of transmission? Can I do it, but with
> restrictions? If so, what are they? If there are no restrictions, please tell
> me. If this is a FAQ, please excuse me. Email me if this is of no interest to
> others in this newsgroup. *** Followup to rec.radio.amateur.misc. ***
>
> Thanks in advance.
>
> Darin Arrick, KB5KHR (Advanced)

Darin's question raises two issues:

1. Can this be done technically, i.e., how well will it work, etc.?

2. Can this be done under the rules of the Amateur Radio Service?

Several respondents have dealt with the question's rules aspect, and they
pointed out the problem of the content of the link infringing on the
nature of the "amateur" service.

Leaving that issue aside for the moment, I would be interested to hear
more about the feasibility of the 56Kbps radio modem link and its technical
performance.

One respondent, drayegon@enterprise.america.com, commented that the link
performance would be poor:

"you just think your running 56 k
actually with bad packets and retries it is less than 14.4 more like 4800"

Although Ray's grammer and spelling don't lend much weight to his conclusions, I wonder if his assessment of the link's performance is correct?

If the suggested device, WA4DSY 56kbps modem, really only produces a through-put the equivalent of a 4800 bps link, it seems to be badly named.

Can anyone else comment on this? Is there a viable radio modem link that can be operated under the rules of the Amateur Radio Service that produces a truly high-speed link?

I would appreciate hearing of any equipment that can do this.

SIncerely,

Jim Hebert
K8SS

jimh@w8hd.org

2674. Re: Dumb terminal programs for Packet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 04:32:01 UTC
From: Frank Flynn <fflynn@delphi.com>
Message-ID: <J265V45.fflynn@delphi.com>
Source record: 251334

Karl Beckman <CSLE87@email.mot.com> writes:

>> I'm using a KamPlus with the "Terminal" program which is built into Microsoft
>> Windows. I'm able to connect to my local Packet Cluster and everything works
>> fine. But as soon as I click on any other window on my computer, I am
>> disconnected from the Packet Cluster.

i have not used this Tnc, so I don't have any experience with it, I do use windows, and have tried to "tweak" Dos programs to run under windows. My feeble advice is, look at the PIF for terminal, try different "time slices" If you don't have success, try some other terminal programs, there are many. Most are available via shareware. sorry I can't be of much help, just a few thoughts on the issue.
----Frank---- KM1Z---

2675. Re: FCC Telephone Number

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 05:11:11 UTC
From: valleyj@polaris.net
Message-ID: <3j68df$n3m@nexus.polaris.net>
Source record: 251459

David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:
: Welcome to the club. There isn't one.
: You are probably trying to call Washington?
: About amateur radio?
: If so, call (202)-418-0680

I hope your not in my club, pal. The 800 number for the FCC's licensing division is 1-800-322-1117. :)

Jeffrey,KE4AUT
--
Jeffrey M. Valley
valleyj@romulus.housing.fsu.edu
valleyj@polaris.net

2676. Was it ZW5B or ZW5D?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 05:13:50 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <3j68ie$cs6@omnifest.uwm.edu>
Source record: 251335

Can anyone tell me if the station I worked on 21,025.9 kHz on 2/19/95 at 22:25 GMT was ZW5B or ZW5D?

TNX ES 73,

Rick WB9GYT

2677. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 05:46:04 UTC
From: gfiber@halcyon.com
Message-ID: <3j6aes$1ec@news.halcyon.com>
Source record: 251336

In article <3ivti0$ggt@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) says:
>
>Robert D. Calkins (wa7nuu@halcyon.com) wrote:
>
>: Unfortunately, some hams think that gives them carte blanche to modify
>: their radios for out-of-band operation. That's both illegal and bad
>: practice.
>
> Illegal? How? According to what section of part 97? Actually
>operating out-of-band, except in an emergency, is illegal, but I haven't
>seen any part of the rules that governs modifying amateur equipment in
>this way.
>
> Generally, under American law, anything that isn't specifically
>prohibited is legal. Where is this practice prohibited?
>
> --
> Dan Brown, KE6MKS
> danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
> Don't Tread on Me

Dan,

EVERY Amateur radio receiver that operates above 30 MHz is subject to Part 15 rules.

EVERY Amateur radio manufacturer submits his radio for Part 15 testing within a certain frequency range, and is then Type Accepted for receiving certain frequency range of operation.

Many times even the wide receive modifications are not legal as the receiver has not been tested
in those frequency ranges, therefore would not pass FCC Part 15.

So then your radio will not be type accepted for receiving outside the tested range and would be
illegal. Manufacturers have no control of where you operate your radio and most likely would not
be held responsiable for you operating your radio beyond the Part 15 Type Accepted range.

Look on the back of your radios that operate above 30 MHz and you will find
a FCC type acceptance number, the only part of that radio that is tested is the receiver
for compliance with FCC part 15 rules. The transmitter falls within Part 97.

HF radios are not tested for anything, just must comply with Part 97. Only H.F. amplifiers are
type accepted to verify they do not operate on the 11 and 10 meter bands.

73' Gary P. Fiber

2678. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 06:15:35 UTC
From: gfiber@halcyon.com
Message-ID: <3j6c67$1ec@news.halcyon.com>
Source record: 251401

In article <3j4nsh$65q@ecom1.ecn.bgu.edu>, mudaw@uxa.ecn.bgu.edu (David A. Webb) says:
>
>Hey guys, before you jump on me for trying to prove it is legal
>to use any frequency, RE-READ what I said about 97.403.
>
>I am inclined to believe it may be illegal to use any
>frequency outside of the amateur band, as per the regulations.
>
>However, I also believe the FCC would look the other way if you
>actually did use frequencies out of the amateur band, if
>it was an emergency.
>
>My main intent was to show that possession of such a radio, for
>whatever reason, is legal in the eyes of the FCC.
>
>I'm sure that more than half of the hams in the US possess
>radios which can TX out of the amateur service frequencies,
>and for those of us who do, we get tired of people telling us
>we are criminals for it.
>
>I realize Bobs job is important, but you have to admit he was
>trying to use the fact that he works in the field of radiocommunications
>to back his claim that possession of modified amateur gear
>is illegal. For that, I have a reason to flame.
>
>73's
>
>Oh, and by the way, I work for the Department of Defense as
>a Physical Scientist, so don't give me grief about what I do
>for a living as compared to Bob. We both support a part of the
>government. (which I'm not saying is a good thing).
>
>Dave
>N9HUR
>
Be aware of just where the manufacturer had the receiver type accepted, maybe he only chose to do the bona-fide amateur radio frequency bands, not the business band, ie: national weather
service etc frequency ranges. AND yes this is done by some manufacturers. SO you will be Illegal
for using the receiver for receiving outside of the amateur bands. The manufacturer only needs
to supply you with the frequency range of operation, receiver coverage in the owners manual,

shows intent of operation and have a FCC ID number in place on the radio. If you decide to open
the raceiver beyond the type accepted frequency range, then it is your baby.

As one who is in the business of Amateur radio and Land Mobile radio.
I must not imply that the radio I sell can be used in a service for which it is not intended.
Kenwood got into a jam for advertising the TS-50 would transmit at 27,500. Now really
the FCC does not care just where a HF radio can transmit. JUST do not advertise it to be used
in a service that is was not type accepted for. By the way the TS-50 will still transmit at
27,500 MHz out of the box.

That is exactly what happened to a Amateur store in Seattle a few years back, a salesman
supposedly told a FCC inspector, who did not identify himself, that an amateur transceiver could
be used within the business band after modification. The store was cited for the intention of
the radio being used in a service that is was not type accepted for. Also received a $5000.00
fine.

Land Mobile radios must always have a sticker on them at shows ststing they can not be sold or
leased if they are shown before type acceptance is given to the radio. We have also started
doing this to the amateur products to keep ourselves covered.
You may not quote pricing for a non type accepted radio in the Land Mobile business, as the FCC
will and does cite you for this practice. If you read the letter from the FCC you received.
He is telling you to go ahead and modify your radio, BUT never use it on frequencies outside the
amateur band. if you do you could and most likely will be subject to a rules violation.

Gary

2679. Re: ICOM 232 interface program/codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 06:27:31 UTC
From: gfiber@halcyon.com
Message-ID: <3j6csj$3bo@news.halcyon.com>
Source record: 251400

In article <3j51qg$alk@crchh327.bnr.ca>, cnc23a@b4pph13e.bnr.ca (Ken Edwards) says:
>
>Is there an FTP site that has a ICOM RS232 control program or a list
>of the "codes" for checking/setting freq. mode, etc. ?
>
>Yes I know CT will do it to some extent, but I'm looking for a stand-alone
>control prog. that is public domain.
>
>I want to build the circuit from the March QST, but that is only half
>the story.
>--
>===
>
>Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
>(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
>DX PacketCluster (tm) Node : W4DW
>
>All opinions are my own and do not necessarily reflect the views of
>my employer or co-workers, family, friends, congress, or president.

Ken,

Call Icom's parts deptarment at 206-454-7619 and purchase the CI-V
Reference Manual for $15.00 plus shipping and handling. It has all the CI-V computer
control codes.

gary

2680. Nj-ohio Hamfest bus trip

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 06:41:40 UTC
From: Avery.N3tou@f418.n109.z1.fidonet.org
Message-ID: <cc2_9503031042@blkcat.fidonet.org>
Source record: 251365

I am posting this mesage for KC2Q - Mike DiPersio of Bradley Beach
New Jersey. (908)-774-1095.
If you are thinking of attending the HAMVENTION HAMFEST in Dayton
Ohio this year, why not be take care of all the way there and back?
Mike (KC2Q), for the past four years, has organized a non for profit
package that includes bus fare on a chartered private coach, motel
accomodations, hamfest entrance fees, and benquet tickets. Costs for
the entire package for one person are around 275.00 but will come
DOWN if more people sign up. In fact, slots are also available for
those who only want to participate in the bus ride. (THE BUS MAKES
A FEW STOPS IN NJ and PA). If you are thinking of going, why not
call Mike in New Jersey for more details. His telephone number is
908-774-1095. His fax number is 908-774-7093. Have a good time.
73

Fidonet: Avery N3tou 1:109/418
Internet: Avery.N3tou@f418.n109.z1.fidonet.org

2681. Re: Tandy htx-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 06:53:46 UTC
From: Avery.N3tou@f418.n109.z1.fidonet.org
Message-ID: <cc3_9503031042@blkcat.fidonet.org>
Source record: 251366

More than likely the 404 is made by the same people who make the
HTX-202 for Radio Shack.
The unit is made by MAXON (spelling?), but made to specifications
from the ICOM company. ICOM does not make the radio.
I have a 202 and am thinking also of the 404. I think they are good
radios.
73
Avery N3TOU.

Fidonet: Avery N3tou 1:109/418
Internet: Avery.N3tou@f418.n109.z1.fidonet.org

2682. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 06:59:09 UTC
From: w9sz@prairienet.org
Message-ID: <3j6ent$255@vixen.cso.uiuc.edu>
Source record: 251399

There is also information on this in the ARRL UHF/MICROWAVE EXPERIMENTER'S MANUAL, pages 5-17 through 5-21.

BNC stands for Bayonet-Neill-Concelman; TNC stands for Threaded-Neill-Concelman; N stands for Neill; etc.

There are photos of the connectors on these pages and also other info about them. And the book is excellent for those interested in UHF and miocrowaves.

73, Zack W9SZ
w9sz@prairienet.org

2683. Re: Information

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 06:59:15 UTC
From: Avery.N3tou@f418.n109.z1.fidonet.org
Message-ID: <cc4_9503031042@blkcat.fidonet.org>
Source record: 251367

Why not call the AARL in Connecticut and ask for one of their
publication catalogs. Their telephone number is 203-666-1541. They
have a great book called the PACKET COMPANION which explains the
digital modes fairly well.
Good Luck
Avery N3TOU

Fidonet: Avery N3tou 1:109/418
Internet: Avery.N3tou@f418.n109.z1.fidonet.org

2684. Collins equipment wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 07:59:50 UTC
From: sound@ihug.co.nz
Message-ID: <3j6i9m$cdi@status.gen.nz>
Source record: 251417

Regards from steve

```
_____________________________________________________
| || |
| Steve Hilliar || E-Mail: sound@ihug.co.nz |
|___________________||_________________________________|
```

I am looking for Collins Ham gear anything considered and shipping from any location is not a problem. Please reply by email.
Regards
Steve Hilliar
ZL1BAC

2685. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 08:23:46 UTC
From: brucem@eskimo.com
Message-ID: <D4uvBn.Do0@eskimo.com>
Source record: 251407

As the person who seems to have started this interesting debate, my intent was to try to clarify if the right existed among ham operators to use out of band frequencies in case of emergencies...should all other means of communication fail. Personally, if all other means of communication would fail, I'd not hestitate to use whatever was available, with or without license, to save my daughter's life. FCC or local penalties would be small issues compared to the benefits of the transgression (assuming there was a transgression).

I think someone suggested why a ham would want to have the ability to transmit out of band: to be prepared, and to be able to help, should that be the only way to get help. Not to create problems for authorities such as police or fire.

My interest might be construed to be more as whether the FCC actually backs up the hams who might find themselves going out of band for that life-saving call. If the FCC won't back them up, then I think it would be a sad day for the purposes of communication, one of which has such great ability for good results--the life-saving call regardless of frequency.

I have a copy of David Webb's letter, and what he quoted in the article is what is in the letter.

Thanks for the interesting reading, and if someone could be more specific about the San Diego case, I'd appreciate case numbers or whatever and the jurisdiction. I think reading the FCC's own conclusion in their own words might be interesting.

2686. TH-28A FOR SALE in EUROPE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 08:28:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F56D3DE@smtp>
Source record: 251408

I have a Kenwood TH28A for sale. It is a 2 meter transceiver plus a 430MHz receiver. It can transmit in the 144-148MHz band and it also tunes from 118MHz up to 173MHz and from 340MHz to 400MHz and from 400MHz to 520MHz, FM. It offers 40 memories, a charger (110V needs a small 220/110V transformer) and is the current model of Kenwood.
In Original box for BF 12000 (or UKP 250) (costs UKP 400 new in the shops) includes surface mail to Europe.
Thanks,
Peter
pve@dg13.cec.be

2687. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 08:49:15 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.496.0008D268@WichitaKS.HMPD.COM>
Source record: 251352

In article <3j56j0$ts@news.CCIT.Arizona.EDU> hlester@nemo.as.arizona.edu (Howard Lester) writes:
>From: hlester@nemo.as.arizona.edu (Howard Lester)
>Subject: Re: Is "CQ Pizza" legal?
>Date: 2 Mar 1995 19:33:52 GMT

>In article <kthompso.487.0011ACE8@WichitaKS.HMPD.COM>
>kthompso@WichitaKS.HMPD.COM (Ken Thompson) writes:
>>In article <3j287s$214@news.CCIT.Arizona.EDU> hlester@nemo.as.arizona.edu
>(Howard Lester) writes:
>>>>from the book page 30, the book was (c)1991 so I would beleive that it's safe
>>>>to assume that the statement is still correct.
>>
>>>That's the problem right there - your edition is out of date.
>>
>>>Howard "double mushrooms" Lester
>>
>>maybe they did not change the rules in canada as they did in the us

>Maybe, but that's not relevant to his question.

I think it is. His question came from Canada I thought. It is legal here.
Is it OK? Ask the trustee of the machine.

2688. RE: Ham Dealer Fined

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 11:10:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7332.545@acenet.com>
Source record: 251343

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

WW>>It astounds me at how the FCC could be so willing to jump in the middle
WW>>of this ham dealer for such a thing, and completely close it's eyes to
WW>>the thousands of cb shops who sell "cb" radios that have been
WW>>modified to operate outside the legal 40 cb channels and at illegal power
WW>>levels. You can hear this idots all the way from 26.0 mhz up into the 10
WW>>meter band. If this ham dealer can be fined for merely offering the
WW>>information, how do these cb dealers continually get away with it?

WW>There is a local CB shop that blatently sells amplifiers, out of band kits,
WW>etc. I have always wondered how he has stayed in business. The
WW>strange part is that the owner displays the amplifiers on the wall for
WW>everyone to see!?!

WW>Warren Whitby
WW>wwhitby@aol.com - home wwhitby@lan.mcl.bdm.com - work
WW>73s de KE4ITL

Have you done your civic duty and reported them to the FCC?
If not, why not?

BTW _ don't believe the statement that he made about their being
"thousands of" !!

73s de AF4K

• SLMR 2.1a • I've told you a million times not to exaggerate!

2689. ATV & NASA Select in So. Calif.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 11:51:12 UTC
From: snoonan@netcom.com
Message-ID: <snoonanD4v4xC.61C@netcom.com>
Source record: 251344

I'm interested in getting NASA Select from the Mt. Wilson ATV repeater in L.A.

I'm in Orange County, does anyone of any experience with this setup? How good
is the reception in this area? What gain antenna is recommended?

Thanks for any help,

Sam Noonan
KE6NNM

--
==
Sam Noonan -- snoonan@netcom.com finger for PGP Public key.

2690. Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 12:02:33 UTC
From: bassettc@norand.com
Message-ID: <3j70gp$bpm@gamma.norand.com>
Source record: 251439

Greetings Y'all

I have a student in the Novice/Tech class Im teaching that wishes to
use ATV to transmit from a RC model plane so they can get a cockpit view
from the ground. This sounds like a one way transmission.

How does the FCC view using ATV in this manor and is there anyway he could
do it that would make it conform to the rules + regs ??

73's

N0UTS
--
---
bassettc@norand.com | Lifes too short to be taken seriously.

Standard Boring Disclaimer : My opinions are my own , nobody else wants them.

2691. Re: TNC, what is a good buy?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 12:23:38 UTC
From: drayegon@enterprise.america.com
Message-ID: <NEWTNews.30068.794237160.drayegon@drayegon.america.com>
Source record: 251355

> What is a good TNC to buy that covers all the modes?
>
Try a Kam+ it covers all modes
For the dollar it is the best buy.
You will probably have to buy one new as they are a little hard to come by.
Figure on spending 200 used and 299 new
73 Ray AD4RR

2692. Re: Your filth Re:Your gizzard is blue

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 12:28:45 UTC
From: drayegon@enterprise.america.com
Message-ID: <NEWTNews.14622.794237549.drayegon@drayegon.america.com>
Source record: 251356

In article <3j0a0i$6r@newsbf02.news.aol.com>, <douglas213@aol.com> writes:
> Path:
america.com!uunet!in1.uu.net!newstf01.news.aol.com!newsbf02.news.aol.com!not-for-mail
> From: douglas213@aol.com (Douglas213)
> Newsgroups: rec.radio.amateur.misc
> Subject: Re: Your filth
Organization: America Online, Inc. (1-800-827-6364)
> Sender: root@newsbf02.news.aol.com
> Message-ID: <3j0a0i$6r@newsbf02.news.aol.com>
> References: <3itnoa$os7@mandolin.qnet.com>
> Reply-To: douglas213@aol.com (Douglas213)
> NNTP-Posting-Host: newsbf02.mail.aol.com
> Your gizzard is blue.

And you

wonder why I am

dropping My

AOL

account

this is the level they

have sunk too.

Sorry for the waste of band width.Dray

2693. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 13:13:58 UTC
From: serafin@cauldron.spdc.ti.com
Message-ID: <3j74mm$r1i@cauldron.spdc.ti.com>
Source record: 251345

sbaldwin@community.net wrote:
: The only advantage I can see, in ordering a pizza (where the old ruling
: was only for fire camps or disaster relief) via autopatch, is if all the
: phone lines went down, and the only lines up ARE autopatch.

Nope, if the public utilities are down that means the autopatch, and in
all likely hood the repeater will be down. If the repeater trustee has
installed backup emergency power, the repeater will keep operating, but
the patch will still be down.

kc5grw

2694. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 14:25:39 UTC
From: chavis@shr.dec.com
Message-ID: <3j78t3$8h6$1@usenet.pa.dec.com>
Source record: 251348

Gee.

I must have a really bad call then - Double-U A 1 Double-U.
Sounds good to me on C-Double-U.

Ira WA1W

2695. Icom 281H mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 14:45:52 UTC
From: bstaffor@dialin.INd.NET
Message-ID: <Pine.SUN.3.91.950303094456.19543D-100000@dialin.ind.net>
Source record: 251422

I'm looking for the mods to extend the receive range on Icom's 281H.
Thanks, Bob N9USD

==========

|\ _,,,--,, Bob Stafford N9USD aka CircuitRider
/,`.-'`' ._ \-;;,_ 826 N Queen Rd, Walkerton, IN 46574
|,4-))_ .;.(`'-' (219) 784-3790
'---''(_/._)-'(__) bstaffor@dialin.ind.net
.....

2696. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 14:56:32 UTC
From: szinski@prairienet.org
Message-ID: <3j7an0$65n@vixen.cso.uiuc.edu>
Source record: 251347

Zack Widup (w9sz@prairienet.org) wrote:

: There is also information on this in the ARRL UHF/MICROWAVE
: EXPERIMENTER'S MANUAL, pages 5-17 through 5-21.

: BNC stands for Bayonet-Neill-Concelman; TNC stands for Threaded-
: Neill-Concelman; N stands for Neill; etc.

: There are photos of the connectors on these pages and also other
: info about them. And the book is excellent for those interested
: in UHF and miocrowaves.

: 73, Zack W9SZ
: w9sz@prairienet.org

I thought I remember reading somewhere that it stood for "British Nut Connector"

--Steve
--
==========
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==========

2697. Re: damping rate of thin ethernet coax

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 15:16:42 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3j7bsq$n4c@portal.gmu.edu>
Source record: 251357

Jan-Martin (martin@agnld.uni-potsdam.de) wrote:
: Recently, I got some meters of thin ethernet coaxial cable 10 BASE 2
: or IEEE 802.3. I intend to use it as antenna cable on VHF, but I don't
: know any data about it except the impedance of 50 Ohm. Does anybody
: have a catalogue or another data collection where one can find the
: damping rate of this cable (In particular I'm interested in the dB/m
: at frequencies around 145 MHz, but any other figures are welcome, too)?
: For easier reference I copy here the whole stuff written on the cable:
: KERPENspecial (I suppose this to be the trade mark) AWM STYLE 1354
: 60~C 30V THIN ETHERNET 10 BASE 2 IEEE 802.3 . The tilde stands for the
: "degree" symbol.

Most of this cable is a low cost version of RG-58. The loss around
145MHz is between 4.5 and 7 dB/ft (sorry I only had the english unit).
Another thing about most of this cable is the how bad the shielding is above
20MHz or so. Most of what is used for thin ether today is twisted shield.
The shield clamping is only 20dB above 20 MHz. Braid improves a bit, but
for better then 60dB inthe VHF+ range you need braid and foil. Belden has a
nice graph explaining the difference in their data books.

73,
Shawn
KE4GHS

2698. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 15:55:05 UTC
From: horak@convex.com
Message-ID: <3j7e4p$g1v@eugene.convex.com>
Source record: 251359

In <3j57ru$8l@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:

>I've got an FT-530 but can't work the local repeater from my home; a mile
>down the road it works fine. I suspect a high-gain antenna might do the
>trick. Any suggestions on which ones to consider?

The AEA Hot Rod is the best I've used. It makes a huge difference.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2699. TELNET address for CALL SIGN Database?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:13:22 UTC
From: lynx@msn.fullfeed.com
Message-ID: <3j7f72$6c4@fullfeed.msn.fullfeed.com>
Source record: 251430

Could someone tell me the TELNET address, and proper log on for the CALL SIGN database?
Thanks,
Steve Dorman

2700. Re: Am i invisible?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:16:48 UTC
From: plaws@comp.uark.edu
Message-ID: <3j7fdg$467@wizard.uark.edu>
Source record: 251369

>Quoting from bob.elliott@shivasys.com (I think)

>>Am I invisible? I have posted several messages (all replys) but they

For all intents and purposes, yes. If I turn my head a certain way I can
see a dim shadow of you but only for an instant.

Peter "Free time? Me?" Laws

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain
The Fourth Amendment - 1791-1995 - R.I.P.

2701. Ham Radio & More Show Schedule

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:21:26 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.353.00095BC7@indirect.com>
Source record: 251371

For an up to date listing of future Ham Radio & More Show topics and guests, connect to our home page, courtesy of the Boston Amateur Radio Club. Ham Radio & More is heard each Sunday at 6:00pm EST on the Talk America Radio Network and via satellite on 3 different satellites in 3 different modes. Home dish owners can hear it on spacenet 3, transponder 9, 6.8 audio.

http://www.acs.oakland.edu/barc/ham-more/ham-more.html

73,
Len, KB7LPW

2702. Station ID follow-up / thanks

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:32:58 UTC
From: wa4fat@aol.com
Message-ID: <3j7gbq$elh@newsbf02.news.aol.com>
Source record: 251372

Appreciation is expressed to all of you who responded to my question regarding Club station callsign identification. A synopsis follows:

Q. What callsign shall or may be used by operators of a Club-licensed amateur radio station?

A thorough investigation of the pertinent FCC regulations dealing with station identification confirmed that *either* personal or Club callsigns may be used. Individual Club stations set their own policy with regard to station identification. Use of the Club callsign places the operator in the role of a control operator with ultimate responsibility shared by the operator and the station license trustee.

"It's entirely a matter of club policy", writes KG2S.

"There is NO FCC requirement to use the station callsign, rather it is the choice of the actual owner of
the equipment. So we actually agree and, more importantly, the issue would never result in any type of FCC violation because it is a private matter between the owner of the equipment/station and the operator. The point of my response was strictly from an FCC regulation point of view which is, I believe, the type of answer that the original questioner would expect", concurs K2UNK.

In conclusion, the Birmingham Amateur Radio Club Board of Directors took steps during their March meeting to allow use of personal callsigns, when desired, while operating Club station equipment. A few caveats were enacted to insure that periods of operation, with any callsign, were logged, and that operators understood they were bound by the privileges of their license class when operating as the control operator.

It is the hope of the BARC that this action might encourage greater use of Club station facilities.

73!

Bill Levey, WA4FAT
Bandmaster Quads
205/967-6122 Voice
205/970-0622 Fax
Wa4fat@aol.com
Wirenet!wa4fat@vulcan.com

2703. Re: Was it ZW5B or ZW5D?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:33:06 UTC
From: dgoodman@aol.com
Message-ID: <3j7gc2$eln@newsbf02.news.aol.com>
Source record: 251373

ZW5B (admittedly quite fast)

Danny Goodman AE9F/6

2704. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:37:10 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3j7gjm$jk5@news.halcyon.com>
Source record: 251376

> I realize Bobs job is important, but you have to admit he was
> trying to use the fact that he works in the field of radiocommunications
> to back his claim that possession of modified amateur gear
> is illegal. For that, I have a reason to flame.

Wrong, podner. Two different points.

My work experience doesn't make anything illegal. My work experience allows me...or anybody else....to express an opinion based on that experience.

My opinion is that untrained folks on a public safety frequency are more likely to screw things up than be of assistance. That was far more the bulk of my post- and I thought was pretty clear.

For me, the legalities are secondary....but some newby who reads your post and then gets a ticket might feel differently.

I'm impressed by your desire to be ready for an emergency. I hope that IF something happens you DON'T get cited, and are able to make a difference.

73!

2705. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:37:19 UTC
From: dfs@xmission.xmission.com
Message-ID: <3j7gjv$h3l@news.xmission.com>
Source record: 251433
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

James W. Hebert (jimh@w8hd.org) wrote:
: In article <3it0oi$b7f@news.onramp.net>, darrick@ncc.com wrote:

Text Deleted

In general can I set up a 25 mile radio link for internet access?
whould it be legal?

: Darin's question raises two issues:

: 1. Can this be done technically, i.e., how well will it work, etc.?

: 2. Can this be done under the rules of the Amateur Radio Service?

: Several respondents have dealt with the question's rules aspect, and they
: pointed out the problem of the content of the link infringing on the
: nature of the "amateur" service.

: Leaving that issue aside for the moment, I would be interested to hear
: more about the feasibility of the 56Kbps radio modem link and its technical
: performance.

: One respondent, drayegon@enterprise.america.com, commented that the link
: performance would be poor:

More text deleted

I have been away for anateur radio some time, the last arrl handbook I have
is 11 years old.
a year or two ago I remember sombody saying the FCC had just opened up a band
that was for spread spectrum and was pretty much a free for all within a few
parameters like under a given wattage and >10 freq changes/sec.
does this ring a bell with anyone.

If we can find a band that will allow us to use the skills learned from
amateur radio to build equip. but use it for a slightly grey area as
far as business use or content, like usenet, that would be the ticket.

If this does ring a bell with anyone, is the power limitation amp
input, output or ERP? if it is not ERP with a good enough dish
or yagi a watt should be enough.

While we are at it looking in the handbook last night I noticed something
that evoked many an argument at the time with people I know.

several blocks of freqs, 50-54 in particular are to be used for A0 xmissions
only. Others claim this is code and A1 is FSK type code.
I say A1 is carrier on/off type code and A0 is worthless unless an amateur

radio operator needs a beacon for an amateur rocketeer's cruise missle project.
Why is such a large percentage of some bands allocated to such a useless mode? is it the feds way of giving us more space but not really?

Marc Christensen

2706. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:45:34 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3j7h3e$jk5@news.halcyon.com>
Source record: 251432

> Oh, I don't know. I think the phrase "any means of radiocommunication at
> its disposal to provide essential communication" can be construed to
> give permission to an amateur to transmit out of band in an emergency.

You bet...but the question is how did the "means" get to be at the
ham's "disposal?"

My understanding of the San Diego incident is that the ham was NOT
cited for the actual transmission....but WAS cited for having the
radio modified in the first place.

Is that not the case?

If it IS the case....then it makes a fairly strong statement
that modifying your radio PRIOR to the emergency is illegal.

Regards,

2707. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:50:53 UTC
From: glenne@sr.hp.com
Message-ID: <3j7hdd$jo9@canyon.sr.hp.com>
Source record: 251434
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

James W. Hebert (jimh@w8hd.org) wrote:

: Darin's question raises two issues:

: 1. Can this be done technically, i.e., how well will it work, etc.?

: 2. Can this be done under the rules of the Amateur Radio Service?

: Leaving that issue aside for the moment, I would be interested to hear
: more about the feasibility of the 56Kbps radio modem link and its technical
: performance.

:If the suggested device, WA4DSY 56kbps modem, really only produces a through-
:put the equivalent of a 4800 bps link, it seems to be badly named.

: Can anyone else comment on this? Is there a viable radio modem link that
: can be operated under the rules of the Amateur Radio Service that produces
: a truly high-speed link?

: I would appreciate hearing of any equipment that can do this.

Jim
A moderate speed link *can* operate with throughput near its raw
channel capacity. Here in Northern California, we are running several
of my radios with Ottawa PI2 cards doing clock and data recovery at
230.4 kbps. Over a single hop with 386 DX/40 hosts and running IP with
JNOS, we see as much as 18 kilobytes/sec *throughput*. This is a little
more than 60% of the raw channel capacity of 28.8 kbytes/sec. The
reduction is related to the cpu and s/w. Long pings, say 2 kbytes, have
round trip times which are even closer to the maximum possible.

Multiple hop connections work just as well or even a little better.
We see 5-6 kbytes/sec FTP transfers over 3 hops. This all works because
the system design and path/site selection was such to allow low bit
error rates. Note that this is over a dedicated backbone and not an
ALOHA situation. I believe that the answer to (1) is yes. However, it
is a qualified yes since it requires different hardware and a degree of
attention to system design not presently common within amateur radio.
From what I know of the wa4dsy/GRAPES h/w, I believe that it *can* also
operate with throughput which is a significant portion of 56kbps. It
seems I remember some of the Ottawa guys mentioning getting 5-6
kbytes/sec throughput over a single hop when everything is working.
Please see Barry McLarnon's, VE3JF, paper in the ARRL CNC proceedings for
more details of their experiences with 56 kbps. I also have a paper in
the 10th CNC as well as on the WWW page listed below with some more
experiencial details from this area.

The system here has been connected to the Internet, though at the moment the gateway is being moved and it is not yet back in full service. Even with a 19.2 kbps wireline connection to the internet, which was the dominant bottleneck, Mosaic ran pretty decently and file transfers across the globe were acceptable. I was able to send multi-100Kbyte files from my host in the hamshack(garage) to RA3APW's gateway machine in downtown Moscow at throughput of around 50kbytes/minute.

What is or is not permissable WRT to question (2) is probably not nearly so clear as the answer to (1). I suspect there may be discussions, arguments and opinions presented by any number of armchair lawyers over it. However, there's no question that, for me, the technical question and challenge is a lot more interesting.

So that I don't generate more requests for support due to the above h/w description than I'm prepared to service, I now redirect them to:

```
|--------------- N6GN's Higher Speed Packet WWW Page -------------------|
| |
| ftp://col.hp.com/hamradio/packet/n6gn/index.html |
| |
|-----------------------------------------------------------------------|
```

There are no kits, parts list or construction articles there but there *is* further information on what we've been up to.

73
Glenn Elmore n6gn

amateur IP: glenn@SantaRosa.ampr.org
Internet: glenne@sr.hp.com

2708. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:55:17 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3j7hll$6mb@ecom4.ecn.bgu.edu>
Source record: 251429

Gary made a very good point about the type acceptance of the receiver. This was addressed in my letter to/from the FCC, and in my specific example, aparently the receiver in the FT-23R was type accepted for the frequencies it can receive even after the modification. A lot of receivers are type accepted for a wide range of frequencies because they are used in several different models of radio. The FT-23R for example, has a receiver which was used in the commercial versions which were tuned to the 151 MHz (or somewhere around there) .

Gotta run, getting close to lunch time.

73's
Dave

2709. New homepage for the Arizona Repeater Association

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 16:55:47 UTC
From: barry@indirect.com
Message-ID: <barry.749.0009EE55@indirect.com>
Source record: 251438

The Arizona Repeater Association has just set up a homepage. You are all encouraged to make any comments that you would like. The url is http://www.indirect.com/www/ara/index.html.

Any suggestions would be appreciated.
Barry Rose
K7YYM

2710. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 17:08:14 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3j7idu$8l4@ecom4.ecn.bgu.edu>
Source record: 251436

One of the problems is that no matter how much good you are doing, or who'se life you are saving, there is going to be the one guy in the filed who is going to say "hay, how'd he get on MY frequency". The ego of law enforcement as a whole has been proven to be pretty big. Once one cop gets jealous that you were using HIS frequency, all hell will break loose. When I went to court over my radio and its capabilities, the county sheriff kept going on and on about HIS frequencies, and how he has to protect them.

I do not disagree with his side of the issue, but if I was charged with using the radio, even if to save someones daughters life, the FCC will not stand behind me and support me. The FCC simply does not get involved in individual cases. Hence why I think it is important for people to acquire as much supporting evidence as they can get to show the intent of the FCC.

Again, if you take the regulations as literally as they can be read, it is illegal to use frequencies outside of the amateur band even if the biggest emergency in the world happend.
The regulations do not say 'it is illegal', but they do say any amateur station may use any means of radiocommunication..... but an amateur station is defigned in the regulations as basically the equipment used for operating in the amateur service frequencies. This does not include police service frequencies. Therefor what can we conclude?

All I know is I wish I would have had my Yaesu when I saw a Semi tractor flip on the interstate on-ramp a few months ago. The driver was injured, and I didn't have any way to get help except drive 3 miles to the next exit and call. 10 minutes seems like forever when someone may be critically hurt.

73's
Dave

2711. Re: What good is code ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 17:10:21 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar3.171021.27290@ke4zv.atl.ga.us>
Source record: 251279

In article <9502271056.ZM28369@SALCIUS2> Wayne_Estes@csg.mot.com (Wayne_Estes) writes:
>Hey no-code techs! (No value judgement implied here...)
>
>Connect to your local DX Packet Cluster and see what proportion of the DX is
>in the CW bands, usually in the Extra portion of the CW bands. I'd say that
>about 2/3 of the DX is on CW.

OTOH, according to the Honor Roll stats, more stations make it with phone than CW, and more still using mixed modes. Of course this pre-supposes that DXing is your game. If it is, being able to operate Morse is a useful tool to have in your arsenal, but so is being able to operate phone, and lately, other digital modes. If DXing isn't your game, most of the other digital modes share the spectrum efficiency of manual Morse to one degree or another, and typically offer more throughput, which is useful if you desire to exchange ideas rather than postal cards. (Tautology: Morse is useful for working stations running Morse.)

Voice QSOs will likely require more power, or settling for fewer miles, or waiting for good band conditions, than any of the digital modes (including manual Morse). However, that may be just fine if making 326 "country" DXCC isn't your end all be all reason to operate. You may be very happy to just chat with other amateurs whose signals make for comfortable conversation. Or you might prefer exchanging pictures via SSTV to exchanging contentless 599 reports with some group squatting on some semi-submerged reef. Or not, it takes all kinds. If you are a DXer looking for a new challenge, then QRP phone certainly is it. With patience and skill, you can work the world on less than 5 watts SSB. It will be a greater challenge to your operating skills than just using Morse.

What's my point? Maximizing your DX score isn't the only reason to operate HF. For many of the other activities carried out on HF, manual Morse operation isn't the first (or even second) choice. And even if you are looking for a new way to run up score, you might find a bigger challenge by using QRP phone rather than manual Morse. Using manual Morse is the *lazy* way to make DXCC. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2712. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 17:21:04 UTC
From: wsw@cellware.de
Message-ID: <wsw.180.01665C32@cellware.de>
Source record: 251258

In article <3ih96f$n6s@mercury.wright.edu> gsmith@alpha.wright.edu (Gregory Smith) writes:
>From: gsmith@alpha.wright.edu (Gregory Smith)
>Subject: Re: Best Callsign
>Date: 23 Feb 1995 06:15:43 GMT

>Judith Rogow (jrogow@ridgecrest.ca.us) wrote:
>> When I got mine, my OM said "TTH, Huh? Truly Terrific Ham"
>> Even if I get Extra one of these days, I'll *always* keep N7TTH!

>I am Number 8 Private Parking Zone(n8ppz) I have a friend who got
>N8PUU(that really stinks)
> -73- De Greg, N8PPZ

I really like my DD6FM (I'm doing SSB anyway :))

Stefan

_____________________________________ ____
| / c / e / l / l / w / a / r / e / |
| Stefan Wimmer |
| Breitband Technologie GmbH |
| Tel: ++49(30)4670 8235 Gustav-Meyer-Allee 25 |
| Fax: ++49(30)4630 7658 13355 Berlin, Germany |
| Email: sw@cellware.de |
| WWW: http://www.cellware.de/ |
|____|

Do 'n to ch the f op ydi ks su f ce!

2713. Re: Is "CQ Pizza" legal?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 17:31:33 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3j7jpl$nnb@news.CCIT.Arizona.EDU>
Source record: 251420

In article <kthompso.496.0008D268@WichitaKS.HMPD.COM> kthompso@WichitaKS.HMPD.COM (Ken Thompson) writes:
>>>maybe they did not change the rules in canada as they did in the us
>
>>Maybe, but that's not relevant to his question.
>
>I think it is. His question came from Canada I thought. It is legal here.
>Is it OK? Ask the trustee of the machine.

I recall he referred to the FCC Rulebook/ARRL Publication - he may be in Canada, but these are US publications. Maybe he's on the border and accesses US autopatches.... ;-)

Howard "vindicate me" Lester

2714. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 17:38:31 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3j7k6n$tql@bubba.ucc.okstate.edu>
Source record: 251424
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3j7gjv$h3l@news.xmission.com>,
D.F.S. <dfs@xmission.xmission.com> wrote:
>James W. Hebert (jimh@w8hd.org) wrote:
>: In article <3it0oi$b7f@news.onramp.net>, darrick@ncc.com wrote:
>
>Text Deleted
>
>In general can I set up a 25 mile radio link for internet access?
>whould it be legal?
>
The content of the internet traffic often breaks many part 97
rules. Commercial content, fowl language and pronography.

The issue of who is control operator could also be a problem.

Gordon AB5DG

Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

2715. Boat Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 17:43:03 UTC
From: bud888@aol.com
Message-ID: <3j7kf7$fbh@newsbf02.news.aol.com>
Source record: 251421

I will be moving onto a 41' Cabin cruiser this summer andwould like to take my Kenwood 440 with me. Has anyone had any experience with operating HF from a boat this size.
I would appreciate suggestions for antennas 10 thru 30 Meters. Homebrew designs would fit my pocketbook best at this point but I'll listen to any suggestions.
Thanks in advance - Bud - KF5IO

2716. Need Information Charlotte Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:01:47 UTC
From: vaillan@ireq.hydro.qc.ca
Message-ID: <D4vM30.Kw2@ireq.hydro.qc.ca>
Source record: 251278

CQ CQ CQ North-Carolina

I would like to get more informations about the Charlotte
Hamfest and Computerfair; it is advertised in the 73 Amateur
Radio Today, Feb 95, page 51. The date of the event is march 11
& 12, 1995.

What are the hours and how do I reach the Charlotte Merchandise Mart
coming in from the north-east on I85 via Durham.

73 de VE2HQJ, Clem.

Clement Vaillancourt, _/_/ Institut de Recherche d'Hydro-Quebec
Analyste, _/_/ 1800 Montee Ste-Julie, Varennes
Informatique scientifique _/_/ P. Quebec, Canada, J3X 1S1
Internet: vaillan@ireq.hydro.qc.ca _/_/ Tel:+1 514 652 8238
Radio-Amateur: VE2HQJ@VE2CSC.#MTL.PQ.CAN.NA _/_/ Fax:+1 514 652 8309
http://dori.ireq.hydro.qc.ca:8080/home/vaillan/LocalHome.html _/_/

2717. Re: Novice questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:04:35 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar3.180435.27545@ke4zv.atl.ga.us>
Source record: 251452

In article <1995Feb27.130955.972@driftwood.cray.com> jbadger@poplar110.cray.com (Jon Badger) writes:
>
>Bill Welsh W6DDB said in CQ (Mar. 95), "Tranceivers are primarily designed to
>provide mobile voice communications; they are not primarily designed to provide
>code (A1A radiotelegraphy) communication capability." I can understand why he
>says this after reading his explanation of VOX controls when using CW but He
>goes on to say that most transceivers are never mounted in a vehicle.
>
>Well, I'm confused! What is a beginner to do if he's interested in DX on both
>CW and voice?

The main reason most (all?) HF equipment is in the form of transceivers today has little to do with mobile operation. Rather it's a matter of economics and modern amateur shack size. It's obviously cheaper to use one box and one power supply than two. And one box takes up less room on today's operating tables than two. Plus, the manufacturer can guarantee that the transceiver's receiver will work with the transceiver's transmitter. He can't be so sure of that if you buy transmitters and receivers as separate boxes, especially if they are from different manufacturers.

Most, but not all, transceivers do use their VOX circuitry to implement semi-break-in operation. This is often fine for CW, and a big step up from having to manually throw a TR switch. However, there are some manufacturers, most notably Ten-Tec, who offer full QSK break-in on their transceivers. That's every bit as good as you'd get with separate boxes.

>1. It looks like the most affordable (new) pre-fab equipment is 2m and dual-band
> HT's but 2m seems rather limited to me. Isn't 2m mostly local, short-range comm
> thru local repeaters? (I have heard locals trying DX when conditions permit,
> mostly late at night)

Certainly the bulk of 2 meter operation is FM, and via repeaters. However, you'll also find amateurs operating through amateur satellites with SSB, CW, and other digital modes. You'll also find amateurs using the Earth's natural satellite, the Moon, to reflect their signals to distant places. And there are a host of other modes, such as meteor scatter, tropo, and the odd sporadic-E opening where amateurs will explore distant terrestrial propagation on 2 meters. If you don't care that your signals are relayed, then the digital packet networks can carry messages all over the world from a two meter originating station, somewhat the way these groups are propagated on Usenet.

>2. Would it be wise to start out with a full coverage rig (160-10 meter, new
> or used) or something simpler. I'm willing and capable of trying my hand at

> building some of my equipment but don't know what the investment in test
> equipment would be(?).

Since you seem intent on operating in the traditional DX gaming arena,
a HF rig would be strongly advised. The best single piece of test equipment
for HF is a good quality commercial transceiver. If you decide to do some
building, and I hope you do, you'll find that commercial transceiver to be
the most valuable bit of test equipment you own. You'll likely have more
success at first using a commercial radio on the air than you would using
home built equipment of dubious performance. Get your operating skills up
with a known good radio before branching out into building your own equipment.
You'll face much less disappointment and frustration this way. You'll know
your failures are your fault rather than the equipment's fault.

>3. What about VHF/UHV operation with transverters? Are these still used?

Transverters are almost extinct. There are still some commercial ones
around, and a few HF transceivers set up to work with them, but they
are very much the exception rather than the rule today. VHF/UHF operation
in other than FM mode has become the province of the multimode transceiver.
However, a transverter is a good intermediate level building project. And
a well built transverter used with a high quality HF rig can offer very
good performance.

>4. What about 6 meter operation? I've noticed that several manufacturers are
> offering 160-10+6m equipment lately.

That's because Techs can use 6 meters, and Tech Plus can use 10 meters
as well. Since those two are the fastest growing segments of amateur radio,
the manufacturers have started supplying equipment for 6 meters. Six has
been a shunned band due to TVI concerns (next to TV channel 2), and due
to the currently low sunspot numbers, but the sheer numbers of Techs has
made it a selling point to include it on new commercial rigs. In a few years,
when the sunspots heat back up, 6 meters will be a much more interesting band
than it is now.

>5. What about o/p power? Does lower freqs neccessarily mean higher power
> requirements?

When operating HF near the MUF, even flea power stations will do well.
But as you go well below the MUF at the moment, D layer absorption will
make it necessary to use higher power. If you chase the MUF as it varies
up and down throughout the day, you can get by with only low power equipment.
If you want to force things, then more power is warranted. Typically 100
watts is a good power level, with under 10 watts sufficient near the MUF,
and occasionally 1.5 kW needed well below the MUF (especially when atmospheric
noise and QRM are high, like 75 meters at night in the summer).

VHF/UHF operation rarely requires high power since much of it
is line of sight. But for those times when you want to really
reach out, like moonbounce or forward troposcatter, a 1.5 kW
station will be warranted.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2718. Radio spectrum chart needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:05:10 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D4vM8n.I1r@ranger.daytonoh.ncr.com>
Source record: 251349

Has anyone seen a chart showing the various segments of the radio spectrum? I'm trying to explain to non-ham friends where we operate and it's difficult since they don't understand the basics of radio. Is there a web page or even just a frequency list available somewhere so that I can create my own chart?

Thanks for any info.

Greg Smith
AT&T Global Information Solutions

2719. used isoloop-where to find

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:10:34 UTC
From: bildin@dorsai.org
Message-ID: <D4vMHM.B0x@dorsai.org>
Source record: 251350

I am looking for a used Isoloop antenna. I am in NYC and am seeking both
the MFJ and the AEA 10-30 versions. *And,* if Rich reads this, please
send me via my e-mail address (BILDIN@Dorsai.org) your proper address,
the reply I have sent you has been returned several times.
Tnx and 73 de AA2TF, Bill

2720. Web Ham Pages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:18:17 UTC
From: sjking@freenet3.scri.fsu.edu
Message-ID: <3j7mh9$8nj@freenet3.scri.fsu.edu>
Source record: 251351

Add to your list the Gainesville Amateur Radio Society home page at:

http://www.freenet.ufl.edu/~gars

--
Steven King SJKing@Freenet.FSU.EDU | "I have never really understood the
ICBM: 29N 41' 26" / 82W 21' 17" | rationale behind sports...which all
http://www.freenet.ufl.edu/~afn01115 | just seem like exhausting new ways
http://www.freenet.ufl.edu/~gars | of getting injured while sweating."
(The above are WWW pages I admin.) | - Libby Gelman-Waxner, Premiere 12/94

2721. Re: douglas213, Is any one else tired of this person attacking everyone.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:25:37 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Mar3.182537.8793@ttinews.tti.com>
Source record: 251427

In article <3j15gb$88m@newsbf02.news.aol.com> douglas213@aol.com (Douglas213) writes:
>Subject: Erik K. Sorgatz, Is any one else tired of this person attacking
>everyone.
>From: kato@qnet.com (Perry Chamberlain)
>Date: 28 Feb 1995 23:44:48 GMT
>Message-ID: <3j0chh$5l0@mandolin.qnet.com>
>
>(Sorry! Here is correct version:
>
>
>Howdy, is just me or is anyone else a little tired of this ham personally
>attacking anyting that moves, and throws in a collection of juvinile
>insults while he is at it.
>I personally have blocked all posting as of today with his name, Email me
>if you want to know how to do this....
>73 de perry
>by the way, the name to watch out for is Erik K. Sorgatz
>

Here we go again, Mr. Davis is about to lose his Internet access. Claiming variously to be either a "gas station attendent" or an ex-Military Policeman he has now slammed Perry Chamberlain - my profuse apologies to the newsgroup in patiently enduring these acts of network terrorism. Rest assured that AOL has been made aware of Mr. Davis' mis-deeds and they have promised swift and fair justice. Meanwhile...back to our regularly scheduled discussions regarding no-code vs. cw, callsigns, misc radio trivia, etcetra

73! de KB6LUY

sorgatz@avatar.tti.com (or:es@soldev.tti.com) *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +----------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)
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2722. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:27:42 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar3.182742.27740@ke4zv.atl.ga.us>
Source record: 251453
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <3j5e64$akk@vixen.cso.uiuc.edu> szinski@prairienet.org (Steve Zinski) writes:
>Does anyone have any comments on the Tandy HTX-404 70cm transceiver?
>
>I am thinking of purchasing this unit (on sale new for $229) and was
>wondering who actually manufactures the unit for Radio Shack and if
>the unit is well built and reliable? Also wondering if there were
>any mods available for the unit.

The unit is made for Radio Shack by Maxon. It is well built. There
are no expanded frequency mods available for it *by design*. It's
not a wideband scanner, can't be made into a wideband scanner, and
that's on purpose so that it doesn't suffer the ills of a wideband
scanner.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2723. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 18:41:59 UTC
From: w9sz@prairienet.org
Message-ID: <3j7ntn$kvq@vixen.cso.uiuc.edu>
Source record: 251280

Well, WA1W doesn't sound too bad to me but I've determined that
the worst call to have on CW in a DX pileup or contest would
probably be W5NN or any prefix followed by "5NN". (My apologies
to anyone holding such calls.)]
But think about the confusion!!
73 & good DX, Zack

2724. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 19:14:30 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <3j7pqm$if9@gorgor.pa.tetherless.com>
Source record: 251292
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

There are a number of license-free 900 MHz spread spectrum
modems out there, giving bit rates from 9600 baud to T-1 speeds,
although the faster that you go, the range does tend to suffer.

While the purchase and installation of such a system will be more
than getting a 56Kb line, the costs after that are free, other
than maintanence... though 25 miles is pushing it as far as SS
technology and <1 watt power are concerned (including interference
from other users in that band). In other words, you need a literal
line of sight path, and some very good antennas to make this
work at all.

This is done as a "Part 15" device, and you do not need any sort
of license for this at all.. in fact, the way that the amateur
rules about SS are currently written, it's not legal to use any
of the presently-available commercially made equipment under
a ham license. Go figure.

It's do-able, just not in everyone's case.

Mark
KD6KQ

2725. Help with vacuum tube #5948A

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 19:20:10 UTC
From: bhowell@mail.utexas.edu
Message-ID: <3j7q5a$1ff@geraldo.cc.utexas.edu>
Source record: 251353

I have a vacuum tube, type # 5948A manufactured by Kuthe Laboratories.
It is about a foot tall and about six inches across. It is still in the original packing/box.
This tube was given to me about 15 years ago and I don't have any idea what kind of service it was meant for.

If anyone has any info on this device, please e-mail me or reply here in rec.radio.amateur.misc.

Thanks, Bill Howell N5ALO

2726. Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 19:27:58 UTC
From: William_A._Kirsanoff@ccmail.anatcp.rockwell.COM
Message-ID: <9502037942.AA794258973@ccmail.anatcp.rockwell.com>
Source record: 251354

David A. Webb <mudaw@uxa.ecn.bgu.edu> wrote:

[stuff deleted]

>The question "is it legal to TX on police band in an emergency?"
>is a bit more vague. Technically speaking, the wording in the CFR
>indicates it not legal, even in an emergency.

Huh? That's not what I read.

>[47 C.F.R. $97.403] reads "No provisions of these rules prevents
>the use by an amateur station of any means of radiocommunications
>at its disposal to provide essential communication needs in
>connection with immediate safety of human life and immediate
>protection of property when normal communication systems are not
>available."

". . . any means of radiocommunications at its disposal . . ." Seems rather inclusive, doesn't it. If it is a means of radiocommunications, and I can get to it, I can use it in the case of a life threatening emergency when normal communication systems are not available.

>Okay, but [47 C.F.R. $97.3] defines an amateur station as "A
>station in an amateur radio service consisting of the apparatus
>necessary for carrying on radiocommunications."
>
>Therefor, you can use any means of radiocommunications, as long as
>it is in the amateur radio service.

Wm. A. Kirsanoff Internet:
Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
(714) 762-2872
Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI

Who are you? * I am number 2. * Who is number 1? * You are number 6.

2727. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 19:54:35 UTC
From: gregt@col.hp.com
Message-ID: <3j7s5r$l0j@nonews.col.hp.com>
Source record: 251440

Chuck Bassett (bassettc@norand.com) wrote:

: How does the FCC view using ATV in this manor and is there anyway he could
: do it that would make it conform to the rules + regs ??

I asked an FCC field engineer that question about three years ago and his
response was that it is OK - it can be used for the control of the model
(visual feedback). I would consider embedding the callsign in the video
to keep that part legal (I forgot to ask the guy about IDing requirements
if the video is used for control of the model.
Greg

==
Greg Tarcza WA2OOD /
Hewlett-Packard Company Pikes /
P.O. Box 2197 Peak /-, /-,
Colorado Springs, CO 80901 Soaring / / / /
719-590-2471 Society / / /--/
/
gregt@col.hp.com (President) /
==

2728. Kenwood TS-530S alignment & woes...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 19:56:12 UTC
From: ham@wam.umd.edu
Message-ID: <3j7s8s$llv@cville-srv.wam.umd.edu>
Source record: 251358

I have a Kenwood TS-530S that puts out a good, solid 80 watts
with 200 watts input power from 160 meters up through 15. On
12 meters, the max power I can get is about 90 watts, and
about 75 on 10m.

Yes, I know, I know, these numbers are actually pretty good.
6146B's put out less power on the high bands as they age. But
a curious fact:

I swapped in a brand new set of matched 6146W's and the situation
didn't change! I can't get ANY ALC deflection on 10 meters at
all! I can't use the ALC meter to tune the radio. And yes,
the ALC is working fine on all other bands (although a little
weak on 12 meters). Even with the radio in SG OFF mode (for
alignment), and peaking the "coil pack" and 10 meter drive coil,
I get ZERO meter deflection.

Any votes for the 12BY7A going soft on me? Like I said, I get
75 watts out (Ip maxes out at about 220 ma, while it goes up to
about 275 ma on all the other bands) but ZERO ALC deflection.

Anyone have any ideas? More than willing to listen, and

IN ANOTHER RELATED STORY:

Upon alignment of the radio, the first of the IF coils to align
is the "ANTENNA COIL 1.8 MHz." This is a powdered ferrite
cover, where the adjustment occurs when the cover screws down
over the core! It BROKE last night!$^%&!

The effect of turning this shell was minimal even when it WAS
whole. 30% of the cover piece is missing, but the radio still
aligns and receives fine. Should I go and get a new one? Is
it necessary?

I'M LOOKING FOR ANYONE WITH KNOWLEDGE OF THESE DILEMMAS TO
HELP ME DECIDE WHAT TO DO. Thanks!
--
72 and 73! _________ _________ The
301-549-1022 Talk to me eves&weekends, else lv. message \ / Long Original
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live $5.00
WAC-CW/SSB WAS DXCC - 136 QSLed on dipoles __________| Dipoles! Antenna!

2729. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 20:33:22 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar3.203322.28627@ke4zv.atl.ga.us>
Source record: 251360

In article <3j57ru$8l@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>I've got an FT-530 but can't work the local repeater from my home; a mile
>down the road it works fine. I suspect a high-gain antenna might do the
>trick. Any suggestions on which ones to consider?

I suspect a *high* antenna is what you need, one that will clear
the obstruction that's blocking your signal at home but not 1 mile
down the road. Get a topo map, find the ridge, and figure out how
high an antenna will need to be at your house to clear the first
Fresnel zone. That'll fix you right up. Even a legal limit amplifier
and high gain antenna won't burn through the dirt and rock of the
blocking ridge, but a high antenna will give you line of sight so
your peanut whistle will be full quieting into the repeater.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2730. Re: Ham Dealer Fined

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 20:54:24 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Mar3.205424.11650@ttinews.tti.com>
Source record: 251448

In article <sf543194.025@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:
>>It astounds me at how the FCC could be so willing to jump in the middle
>>of this ham dealer for such a thing, and completely close it's eyes to
>>the thousands of cb shops who sell "cb" radios that have been
>>modified to operate outside the legal 40 cb channels and at illegal power
>>levels. You can hear this idots all the way from 26.0 mhz up into the 10
>>meter band. If this ham dealer can be fined for merely offering the
>>information, how do these cb dealers continually get away with it?
>
>There is a local CB shop that blatently sells amplifiers, out of band kits,
>etc. I have always wondered how he has stayed in business. The
>strange part is that the owner displays the amplifiers on the wall for
>everyone to see!?!
>
>Warren Whitby
>wwhitby@aol.com - home wwhitby@lan.mcl.bdm.com - work
>73s de KE4ITL
>
>

They get away with it because sadly, the FCC cant catch them all and
typically the crimes go unreported. But YOU can help. Report all such
sightings IN WRITING to the FCC. Demand action!

73! de KB6LUY

sorgatz@avatar.tti.com (or:es@soldev.tti.com) *Eliminate net-spam & cascades!*
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2731. Re: MFJ 10 band antenna (good/bad)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 21:27:19 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0303951627190001@k4dii.ksc.nasa.gov>
Source record: 251450
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <D4sByn.85H@vcd.hp.com>, dmunroe@vcd.hp.com (Ek-Xib-Chac) wrote:
> to cancel the order. I gave it one more try, asked for the manager of
> customer support, and he was shocked to find out how long my order had
> gone unfilled.

Dave-

MFJ is a fairly small company, as I understand it. I've talked with their personnel at the Orlando Hamfest, and am convinced they are honest people. However, they do appear to have production problems.

I suspect they are all "in tune" with each other, regarding techniques for stalling customers! Your case may be just as you said, and the manager may have discovered newer orders being shipped ahead of older orders. On the other hand, your last call may have coincided with the first availability of the product you ordered.

I put-off purchase of the AEA Iso-Loop antenna a few years back, while waiting for the MFJ version. I later found that MFJ wasn't just "out of stock", but hadn't actually gone into production yet. The loop antenna had been in the MFJ catalog for almost a year, before it became available.

I just called Amateur Electronic Supply in Orlando. They do not have the MFJ-1798 there, but their computer listed some at their other stores.

73, Fred, K4DII

2732. Re: E-Mail Callsign Checks

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 21:34:56 UTC
From: horak@convex.com
Message-ID: <3j8220$g49@eugene.convex.com>
Source record: 251451

In <e0e_9502281813@twisternet.com> Bryan.Wilcox%next@twisternet.com (Bryan Wilcox) writes:

>Hey does anybody out there know the E-mail address to look up callsigns? I
>think it was in a QST a couple months ago but I can't seem to find mine! If
>anyone knows could ya please post it. thanx

> Bryan - N0YUZ

Try the following telnet.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

telnet callsign.cs.buffalo.edu 2000

Trying 128.205.32.2...
Connected to electra.cs.buffalo.edu.
Escape character is '^]'.
Callbook v1.3 Bug reports to bowen@cs.buffalo.edu Type 'help' for help
>> call n0yuz
Call-Sign: N0YUZ Class: TECHNICIAN
Real Name: BRYAN A WILCOX Birthday: NOV 20, 1979
Mailing Address: 5722 HAUSER, SHAWNEE, KS 66216
Valid From: SEP 21, 1993 To: SEP 21, 2003

2733. Australian Wireless gopher

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 22:00:57 UTC
From: pmarsh@metro.mccneb.EDU
Message-ID: <9503032200.AA10653@metro.mccneb.edu>
Source record: 251455

FWIW - the Wireless Associations of Australia have disaster management information on a gopher: brain.vifp.monash.edu.au
Select the disaster menu item.
Note that you are going over the aerial birds to get this -- expect minor delays.

Paul Marsh N0ZAU Omaha pmarsh@metro.mccneb.edu

2734. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 22:21:33 UTC
From: maultsby@bga.com
Message-ID: <3j84pd$m5u@ghostwheel.bga.com>
Source record: 251363

In article <3j78t3$8h6$1@usenet.pa.dec.com>,
Ira L. Chavis <chavis@shr.dec.com> wrote:
>Gee.
>
>I must have a really bad call then - Double-U A 1 Double-U.
>Sounds good to me on C-Double-U.
>
>Ira WA1W

Hey... Do you ever get jumped on while on the air from people thinking
that you're W1AW?

Anyway, I'm quite happy with the "W" in my callsign... On voice, many
people have commented on how I pronounce the "W" very "correctly". I'm
one of the few people that say "double-U" instead of "dub-ya". It's the
radio announcer in me showing itself! <grin>

Had a W in my first callsign, and didn't mind at all when my second
callsign came back with a W in it..

--

| John Maultsby (maultsby@bga.com) | Broadcasting live from Austin, TX |
| Amateur callsign: AB5WH (ex-KE4CLW) | Professional Night Owl |

2735. Re: TELNET address for CALL SIGN Database?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 22:55:35 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3j86p7$ql5@floyd.santarosa.edu>
Source record: 251370

lynx@msn.fullfeed.com wrote:
: Could someone tell me the TELNET address, and proper log on for the CALL SIGN database?
: Thanks,
: Steve Dorman

one really good and simple to use is telnet callsign.cs.buffalo.edu 2000

good luck.

John
jthompso@nermal.santarosa.edu

2736. IPS Daily Report - 03 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-03 23:31:10 UTC
From: rwc@ips.oz.au
Message-ID: <3j88ru$r97@flare.syd.ips.oz.au>
Source record: 251377
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 03/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 03 MARCH AND FORECAST FOR 04 MARCH - 06 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 91/36

GOES satellite data for 02 Mar
Daily Proton Fluence >1 MeV: 2.5E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 1.1E+09 (very high)
X-ray background: A9.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
04 Mar 05 Mar 06 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 04 Mar: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 02 Mar
Learmonth 5 3221 1111
Fredericksburg 5 20
Planetary 7 22

Observed Kp for 02 Mar: 3554 3422
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
04 Mar 14 Unsettled
05 Mar 10 Quiet to unsettled
06 Mar 8 Quiet to unsettled
COMMENT: Activity is expected to increase again on 7 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

03 Mar normal fair-normal poor-fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
04 Mar normal normal fair
05 Mar normal normal fair
06 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
03 Mar -3 about 15% below predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
04 Mar 30 10 to 20% above predicted monthly values
05 Mar 30 10 to 20% above predicted monthly values
06 Mar 30 10 to 20% above predicted monthly values
COMMENT: MUFs at Townsville were 15% above predicted monthly values
during daylight hours yesterday. MUFs at Hobart were 20-30% depressed
for most of the day, with spread F observed during local night.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2737. Programmer Wanted (Chicag

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 00:37:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <9503042252252530@nohobbs.org>
Source record: 251410

```
R>{From: robin@mcs.com (Robin Atkinson)
>{I've got a job opening for a full-time computer programmer. Requires UNIX
>{experience. Informix-4gl experience a plus. This is a regular job, not a
>{consulting gig. Some travel required.

So what does this have to do with HAM Radio??
```

brian.parker@nohobbs.org

 QMPro 1.51 Character is what you know you are, not what others think

2738. magazine about radio amat

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 00:38:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <9503042252252529@nohobbs.org>
Source record: 251409

D>{ HI! Could you tell any good magazine of radio amateur or any www

As far as magazines try QST, CQ, or !73

brian.parker@nohobbs.org

 QMPro 1.51 Change is inevit

2739. 2 Meter Conversion Info Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 01:15:16 UTC
From: tomhark@delphi.com
Message-ID: <p+049q8.tomhark@delphi.com>
Source record: 251437

I have 2 Wilson Radiotelephones Model (WH 2507S) Citi-Com S RCC Mobile Transceiver. They run about 25 watts out. They operate at approx. 152 Mhz. Can these be converted for 2 meter repeater use?

Any help would be appreciated. Please reply via email.

Thomas Hark KB8TAG
Email: TOMHARK@delphi.com

2740. computer cw programs on line

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 04:07:22 UTC
From: josephc431@aol.com
Message-ID: <3j8p1q$mmq@newsbf02.news.aol.com>
Source record: 251445

Hi,my name is Joe.I am looking for a good ,not great,cw program for practice on line.I went thur some of AOL stuff and could not find,i think,a program like that any help would be nice.....

Thanks in advance

Joe
I am working on finding a great quote to put here.There are just so many it is hard to chose;but I will find one ~~~~~~~~

2741. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 04:27:53 UTC
From: djohnson@oz.net
Message-ID: <3j8q89$9c3@emerald.oz.net>
Source record: 251446
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <3j5e64$akk@vixen.cso.uiuc.edu>, szinski@prairienet.org (Steve Zinski) writes:
>Does anyone have any comments on the Tandy HTX-404 70cm transceiver?
>
>I am thinking of purchasing this unit (on sale new for $229) and was
>wondering who actually manufactures the unit for Radio Shack and if
>the unit is well built and reliable? Also wondering if there were
>any mods available for the unit.

Well worth the sale price...Hell, it's well worth full price. This is a great
rig made by Maxon. The fact that is has no ability to receive modification
shouldn't scare you away, it should bring you into the store. This rig has
such a tight front end, you'll have the best image rejection of anything
I've yet seen. My wife uses one, while I use an IC24AT. The Rat Shack
404 is much better for intermod rejection

David Johnson - KJ7GA "That's no moon...That's a space station."
djohnson@oz.net

2742. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 04:47:11 UTC
From: delaney@j51.com
Message-ID: <3j8rcf$g6@tzlink.j51.com>
Source record: 251382

Davros T. Slug (davros@news.eden.com) wrote:

: Not to stir up a hornet's nest or anything, but this particular issue is
: one that really really (really?) gets under my skin....

: There are few disabilities that I can think of that would make it
: impossible to copy above 5wpm. Very few. Blindness is not one. Nor is
: deafness. (By the by, copying code visually *is* perfectly legal; Part 97
: says so. So is copying with a vibrating device. No excuse there...Can't
: hear the code? Copy by flashing light or vibrating transducer, then.)
: Can't write? Head copy, followed by, if you like, orally reading back
: what you've copied every few words or so--hell, it's even easier than
: that!...Can you head-copy enough to answer some easy questions about what
: you've copied in your head? Good! Then you're set. And you can even use
: the experience on the air! Mobility impairment? Stuck with an iron lung
: or something? Y'ot'to see some of the stories about folks who have done
: code before this waiver thingy.

: Mind you, if there is a really *legitimate* reason why someone can't copy
: above 5WPM, and I suppose there may be one, somewhere, OK sure fine, get
: a waiver. But for Chrissake, try it first... I do think that there are
: far too many of us who want the easiest way out of something, and because
: they can get it, they do. But in the end, where does it get you?
I have tried it. My disability affects the string reconation (sp?) areas
of my brain, making very hard, if not impossible to keep up with a string
of chars. I can get the first one, and then the 3rd and 5th (GTI?),
because my brain is trying to interpret what is heard/saw on the 1st, so
it misses the 2nd. Someone will call be, and I won't understand them at
first, and I'll say what?, and by then my brain will have deciphered what
then said. (If that doesn't make sense, sorry, but I've been awake for I
have no idea how long...)

: I'm amazed at some of the things that the FCC will let pass as a : qualifying
disability...
: --
: Buddy Brannan, KB5ELV | Mary had a little lamb.
: (512)441-3246 (Home) | Her father shot it dead.
: Internet: davros@eden.com | Now Mary takes her lamb to school
: davros@ccwf.cc.utexas.edu | Between two bits of bread.

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2743. Re: Can I have an Internet link in a ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 04:48:48 UTC
From: jtriolo@delphi.com
Message-ID: <9503032325595.The_Win-D.jtriolo@delphi.com>
Source record: 251447

In article <jimh-0203952304460001@hotel.w8hd.org>, jimh@w8hd.org (James W. Hebert) writes: > >

> > Can I set up a WA4DSY 56kbps modem on both ends, and set up a 24 hour a day,
> > 7 day a week internet connection for myself? This is mainly for personal
> > reasons, although that doesn't mean I won't check on things at work from home
> > (I'm a network coordinator at work), or download some files for work at home
> > on the weekends, but probably 95% of everything done on that link would be
> > for my personal enjoyment. I was thinking of using the 10gHz band for
> this link.

<<<text edited for space>>>

>
> Can anyone else comment on this? Is there a viable radio modem link that
> can be operated under the rules of the Amateur Radio Service that produces
> a truly high-speed link?
>
> I would appreciate hearing of any equipment that can do this.

The question is this...Assuming that it is within the FCC regulations, what good would a 57k connection do when most of the packet community (at least around here) still hasn't yet discovered 9600? Sure, your connection would be extremely quick, but what about when you hit the bottleneck of <insert your favorite packet freq. here>? It's not a bad idea to introduce ISDN connections to packet, but I think it's years from becoming anywhere near mainstream.

Simply put...great idea, but it's a waste of time/resources, at least right now.

Jason D. Triolo, Colonial Hgts, Va | ----------
Amateur Radio: KD4ACG | <insert catchy line here>
Internet: JTRIOLO@DELPHI.COM | ----------

2744. Re: Free Bible Prophecy Evangelistic Meetings Now In Progress

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 04:50:51 UTC
From: delaney@j51.com
Message-ID: <3j8rjb$g6@tzlink.j51.com>
Source record: 251381

Scott Manthe (scam@siu.edu) wrote:
: In article <thomas.329.0013EB36@redwood.cc.andrews.edu>,
: thomas@redwood.cc.andrews.edu (Clarence L. Thomas IV) wrote:
ALL Lunacy Deleted...

: Forgive me, but what does any of this apocolyptic bullshit have to do
: with amateur radio?
: Yes, the world changes quickly and if you think it's tough now, wait a
: couple of years. As we have more and more access to information the world
I see what it has to do with Hams, it talking about the sunspot cycle and
it's changes :)
This is the only think that really pisses me off about UseNet, postings
like this in groups having nothing to do with that. I read r.r.a.m for
ham stuff, not bible proficies.
My 1/2 a peso (or what 2 cents is the eq. of these days)

: is going to be increasingly difficult to understand, but looking to the
: Bible isn't going to help. Learning how to process all of this information
: will. In the meantime, do your recruiting elsewhere. It's bad enough to
: have to read for sale postings here, spare me the four horsemen, PLEASE!

: Scott A. Manthe, N9AAT
: E-mail: scam@siu.edu

: --
: SCOTT A. MANTHE
: N9AAT
: E-MAIL: scam@siu.edu

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2745. Re: A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 06:24:39 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar3.222439.1@vax.sonoma.edu>
Source record: 251454

In article <D4wHs8.8Mx@zeno.fit.edu>, wnewkirk@bb.iu.net (William Newkirk) writes:
> In article <3j561b$ivm@michp1.redstone.army.mil>,

>>intend to draft a letter to the local phone company pointing out several
>>facts:
>>1) Part 97 rules prohibit anything commercial on the repeater.
>
> beware -- rules changes permit ordering a pizza over the autopatch now.
>
> proceed carefully -- you could box your self in on this...

By the same token, however, one can order a pizza over their own phone in the
home and not have to pay commercial rates... If one isn't making a profit by
use of the phone line, why should one be forced to pay commercial rates? Last
I heard amateur repeaters weren't necessarily commercial ventures.
--

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

2746. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 08:16:04 UTC
From: radams@cs.wmich.edu
Message-ID: <1995Mar4.081604.25665@sol.cs.wmich.edu>
Source record: 251474

In article <3j70gp$bpm@gamma.norand.com>,
Chuck Bassett <bassettc@norand.com> wrote:
>
> I have a student in the Novice/Tech class Im teaching that wishes to
>use ATV to transmit from a RC model plane so they can get a cockpit view
>from the ground. This sounds like a one way transmission.

No more so than the control signals he's sending to the model aircraft.
You're reading more into the regulations than is there. Nothing to worry
about... it's a legitimate application.

>How does the FCC view using ATV in this manor and is there anyway he could
>do it that would make it conform to the rules + regs ??

It's really no problem at all. No special considerations, either. However,
the ATV transmitter must ID.

Robert Adams, P.E.
WA9ZMO
radams@cs.wmich.edu

2747. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 08:39:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar4.083900.667@ke4zv.atl.ga.us>
Source record: 251456

In article <3itgk4$4am@tzlink.j51.com> delaney@j51.com (Richard Delaney) writes:
>I'm a Tech. (been for 3 years) And during that time I've tried to "learn"
>morse code. I have a learning disability that make hearing the code
>strings very hard. I can actully learn the code and if I see it is not a
>problem, but I can't distingush the strings of code. I know that a
>sending test can be substuted for the standerd recieving test. I think
>that would not be a problem for me. What do I need to do to get the
>change to a sending test at a VE session. Do I just need to take a letter
>from doctor to them, or do I send it to the FCC, or what? I would love to
>be able to decode the code as I hear it, but I can't. Is there also a
>testing mod that it can be reduced to more spacing between each letter?
>The problem I have is that I can hear the code, but by the time I become
>aware of what I heard, I've already missed the next character or two.
>(Like if someone says something to me, I say "what?" and then a sec or
>two later realise what they said to me) I think it might be Attention
>Deficit Disorder. I have no trouble with the written exams (I passed the
>tech 54/55), and I could eaSlly goto the extra class, it's just the code
>that stops me, and it is really fustrating to not be able to do it.
>ANY help would be extreamlly appricated.
>73s de Matt N2MDB

Matt, your problem may really be ADD, but I doubt it. The problem you describe is actually quite common, and results from attempting to learn the Code incorrectly. You're listening to the individual dots and dashes and trying to do a mental lookup table conversion. That will work for many people up to about 8 WPM, but not for everybody. In your case, it apparently won't even work at 5 WPM.

You need to learn the Code a different way. You must condition the wetware to respond reflexively to the entire sound of a character as a unit. You can do that since you can recognize entire English spoken words, and those are even more complex sound units. It's not necessary that you associate meaning with the sounds, only that you recognize them and reflexively copy them down.

Reflex copy only comes with drill. Try using a good drill program and copy automatically at the keyboard. Condition your fingers to automatically strike the correct key when you hear the sound unit of a letter. *Don't think about it*. Just do it. Your conscious mind is interfering with the copy process. You need to empty your mind, or occupy it with something else, while you copy so that it won't interfere with the process.

You have to learn to copy Code the way you learned to touch type. It can't be a conscious process. The body must just *do*. If after 6 weeks of drill you still don't have it, then you may need to look at other

options. If you really can't associate the sound units with letters, then you may need to mark the sounds down on paper and sight read them to answer the exam questions. Some VEs won't allow that, but the FCC examiners did and some VEs will, and it's a valid way of getting the information down on paper. It is the way Samuel Morse designed the Code to be used.

You have to get that 5 WPM before you qualify for a waiver. So you're just going to have to figure out a method that works for you to do so.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2748. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 08:50:09 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar4.085009.862@ke4zv.atl.ga.us>
Source record: 251457

In article jeffrey@math.hawaii.edu writes:
>patrickmy@aol.com (PatrickMY) writes:
>
>> And if you wonder why I have no experience, it is because I am limited
>>by my no-code
>>Technician license, the highest rank a technically educated but Morse
>>illiterate ham can acquire.
>
>You should thank us for providing a non-coded license for you!
>
>Seriously, 1 to 2 weeks of 15-minute daily study will get you easily up
>to 5wpm so you can get HF privileges. Then you can conduct your own
>propagation experiments.

Ah, Jeff, you poor little dit head, you just don't get it do you? Not everyone has the facility you have to mindlessly become a modem. For some people it's a hell of a lot more work to get the Code down on paper than it is for you. Try being helpful instead of condescending. You might even want to talk to some cognitive psychologists at your university about the subject. Idiot savant talents like yours are not that common in the population.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2749. Re: A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 09:10:04 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar4.091004.973@ke4zv.atl.ga.us>
Source record: 251458

In article <3j561b$ivm@michp1.redstone.army.mil> helliott@traveller.com writes:
>Hello;
>
> KC4HRX, Heath Thorsen, is operator of the 147.505 repeater here
>in Huntsville. His repeater has an autopatch, and the telephone company
>is insisting on charging him a commercial rate for this phone line. I
>intend to draft a letter to the local phone company pointing out several
>facts:
>1) Part 97 rules prohibit anything commercial on the repeater.
>2) If we operate within the law, we _cannot_ conduct commercial
>activities on the repeater.
>3) Heath is totally blind, has been from birth. He depends on this
>repeater for his ability to stay in contact with friends and relatives
>who provide his means of transportation to work, school and other.
>4) The phone company appears to be taking advantage of him due to his
>handicap.
>
>My questions: Can someone send me the applicable legalese from the FCC
>laws (part 97) which apply (the no commercial activity part)? I need the
>page and paragraph and the text to cite in my letter.
>
>Does anyone have any suggestions on additional ammunition for coercing
>the phone company into giving this guy a residential rate (the diff is
>about $50 per month!)? Comments welcome...

Unfortunately, Doc, the FCC rules *do* allow business to be conducted
over amateur radio today. It's limited to *personal* business, such
as the proverbial ordering of a pizza, but it's there. If Heath is
soliciting rides to work, that certainly falls under the business
rule. Don't take this tack with the phone company or you will surely
be burned. (Note however that personal business on a residential line
is considered normal, else we'd have to pay commercial rates to order
a pizza.)

However, the phone company must comply with the tariffs set by the
State Public Service Commission. That's the direction you want to
take. Check with the PSC to see how the tariffs are structured.
The phone patch should be no different than a modem connection
as far as the tariffs are concerned. If residential rates are
allowed for computerists, then they'll have to allow residential
rates for the phone patch. This is the direction in which you
have to go. Work through the PSC to get the phone company to
obey their tariffs.

This may still not work, depending on how the tariffs are worded.
Residential rates may only be available to residences. If the
repeater isn't at a residence, you may be out of luck. If that's
the case, put a cot at the repeater site, get a post office address,
and claim it as a vacation residence. Then they'll *have* to give
it residential rates.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2750. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 12:36:36 UTC
From: mgb@leland.stanford.edu
Message-ID: <mgb.1.000C9C93@leland.stanford.edu>
Source record: 251291

In article <3j15rc$kq4@ixnews1.ix.netcom.com> earlix@ix.netcom.com (Larry Earlix) writes:
>From: earlix@ix.netcom.com (Larry Earlix)
>Subject: Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc
>Date: 1 Mar 1995 06:56:44 GMT

>In <ZcwYcJc.brunelli_pc@delphi.com> brunelli_pc@delphi.com writes:

>>
>>R. Wiley <rawiley@blue.weeg.uiowa.edu> writes:
>>
>>>>>"1935 will go down in history. For the first time, a civilized
>nation has
>>>>>full gun registration. Our streets will be safer, our police more
>efficient,
>>>>>and the world will follow our lead into the future." - Adolf Hitler
>>
>>
>>I may be naive but i have found this quote to be nothing more than
>>an example of what historicasl proponents of gun control and mandatory
>>civilian registration were really up to. If this is some sick form
>>of pro-hitler pro-gun-control i have been had!
>>
>>pete
>>n1qdq
>>

>Every Country in the world has some form of gun control, why quote
>Hitler?

Perhaps because the 1968 Gun Control Act came directly from Sen Dodds visit
to Germany during the Neurenberg Trials... Almost Word for Word.

The neo-facists who want a new thousand year reich in this country call
themselves "Progressive Liberals" rather than "Democratic Socialists"
But a weed of another name is still a weed.

If you really think that these statist "progressive" neo-nazis will put up
with allowing "citizens" to possess ham radios, internet access or guns,
you have been watching to much Sesame street.

The Clinton Administration is the nadir of Kakistocracy.

Michael .. KD6OAY

2751. Re: A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 13:42:02 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4x4q2.6Hu@zeno.fit.edu>
Source record: 251462

In article <1995Mar3.222439.1@vax.sonoma.edu>,
Ken Harrison <harrisok@vax.sonoma.edu> wrote:
>By the same token, however, one can order a pizza over their own phone in the
>home and not have to pay commercial rates... If one isn't making a profit by
>use of the phone line, why should one be forced to pay commercial rates? Last
>I heard amateur repeaters weren't necessarily commercial ventures.
>Ken Harrison harrisok@sonoma.edu Ham: N6MHG

the problem being that to the phone company this wire is going to an
object that walks and talks and looks like a commercial duck. others
have crossed this bridge in his area - he should be asking them how
they pay for a phone line and what special rules apply to get a lower
cost phone line...

the phone company, of course, gets suspicious over stuff like this because
you could bet if it was easy, they'd have a lot of commercial accounts in
the next day wanting a break. so they're not predisposed to discriminate.

and since the content rules have been lifted somewhat, claiming 'non-
commercial" use isn't as strong as it once was.
>

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2752. Re: I'm a newbie, put a kick me label on my butt

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 13:45:12 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D4x4vC.6Kv@zeno.fit.edu>
Source record: 251463

K9CUN needs to jump in here with his opposing platitudes like:

"Look before you leap" but "Nothing ventured, nothing gained"...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2753. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 14:29:27 UTC
From: drt@world.std.com
Message-ID: <D4x6x4.20B@world.std.com>
Source record: 251464

David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:

: Again, if you take the regulations as literally as they can be
: read, it is illegal to use frequencies outside of the amateur band
: even if the biggest emergency in the world happend.
: The regulations do not say 'it is illegal', but they do say
: any amateur station may use any means of radiocommunication.....
: but an amateur station is defigned in the regulations as
: basically the equipment used for operating in the amateur
: service frequencies. This does not include police service
: frequencies. Therefor what can we conclude?

I'm confused. The regulations do say, "an amateur station may transmit the following types of two-way comminications: (b) Transmissions necessary to exchange messages with a station in another FCC-regulated servic while providing emergency comminications" (97.111a(1))

Of course you know that the rules also say that no provision of part 97 prevents the use of any means needed to get help in an emergency. (97.405)

If you're going by the "amateur stations are defined as transmitting on amateur frequencies," I don't see it. The definition of an amateur station is "a station in the amateur radio service consisting of apparatus necessary for carrying on radiocommunications." Nor is the definition of "amateur service" restricted as to frequency: the service is defined as a service for self-training, intercommunication, and technical investigation without financial interest. Furthermore, 97.1 talks about recognizing and enhancing the value of the amateur service during emergencies.

If there's any provision of the rules that says an amateur station must stay within amateur bands during a dire emergency that isn't "escaped out" by 97.111 and 97.405, I wish someone would point it out.

-drt
--

|David R. Tucker KG2S drt@world.std.com|

2754. ms and eme skeds wanted for March

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 14:44:15 UTC
From: YPAK35A@prodigy.com
Message-ID: <3j9ubv$r1g@usenetw1.news.prodigy.com>
Source record: 251465

Seeking 2 meter and 6 meter skeds for march. Grid here is em51jq in South Ms. E-mail reponse with landline number please. 73 and good dx, wb5kyk

2755. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 16:06:50 UTC
From: ehare@arrl.org
Message-ID: <1995Mar4.160650.15009@arrl.org>
Source record: 251470

Robert Casey (wa2ise@netcom.com) wrote:

: Don't forget, in this debate, that a dis-incentive to upgrading to get
: on HF are restrictions on antennas. Like at apartment complexes and
: newer housing developments. You can usually "get away" with a VHF
: mag-mount on the air conditioner, or a twinlead J pole inside (I did
: both) and noone will bother you, but try doing a HF antenna. Landlords
: *will* bitch. You might get away with a wire dipole in the trees if
: you own a house in a "no antennas" development. But with this hassle,
: why upgrade if you can't really exercise your new frequencies?

In most cases, you can also get away with a small HF antenna, such as a small loop (ala Isoloop and MFJ, etc). These small antennas can be reasonably efficient, ranging from about 70% efficient on 20 meters to 90% or so on 10 meters. This, combined with the fact that the antenna is nearly unidirectional, means that it will be about an S unit weaker than a full size dipole at the same height. I have used them successfully on 20 meter CW, running QRP, as I always like to do if I am using indoor antennas.

There are also a number of other hidden antenna options, such as thin wires, disguised flagpoles, etc. You will definately NOT end up being a big gun on the band, but you will make plenty of contacts when the bands are open. The ARRL Antenna Book has a chapter on limited-space antennas, the "Low Profile" book has lots of tips for apartment dwellers and there are a number of related bibiography and information files available at the ftp site at oak.oakland.edu or by email from the ARRL Automated Electronic Mail Server, info@arrl.org.

Good luck!

73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

2756. For Sale: 2 - Kenwood TH-28A HT's

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 16:29:32 UTC
From: FULLER@UWSTOUT.EDU
Message-ID: <01HNQGRIKITE0046KG@UWSTOUT.EDU>
Source record: 251471

For Sale: 2 each - Kenwood TH-28A, Micro Handhelds, TX 144 MHZ,
RX 144/440 MHZ plus aircraft. Alphanumeric memory, Alphanumeric message
paging, 40 multi-function memory channels, Tone alert, cloning capable,
plus many other features. Extra battery included with each HT.
New! $295.00 each. Contact: Jon @ 715-235-4884.

2757. Re: Ham log for windows

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 17:51:56 UTC
From: scotte@ccs.neu.edu
Message-ID: <3ja9bs$pjt@narnia.ccs.neu.edu>
Source record: 251477

In article <3j722g$3o8@usenetw1.news.prodigy.com>,
Michael Piccini <YPSE19B@prodigy.com> wrote:
>This is a very simple and easy program to use. It requires
>Visual Basic Runtime 3. Which is availabe through most BBS
>section 1 of 1 of file ezlogger.zip < uuencode 5.33 by R.E.M. >
>
>begin 644 ezlogger.zip

[UUencoded program snipped]

I'm not going to flame you, but no doubt others will.

I'm not the net.police, but I do speak for the FAQs about this newsgroup.

Please DO NOT post programs to this newsgroup. There are LOTS of
anonymous FTP sites with directories catering to programs for amateur radio.

One, in particular, is the one I'm in charge of:

oak.oakland.edu:/pub/hamradio

If you want to distribute a free/shareware program, feel free to make the
announcement here, then let the readers (such as me) offer to archive
your program.

You can then announce that your program is available at
some.site.edu:/some/directory

Much nicer looking, and it:

1. Prevents flames from angry readers

2. Preserves net.bandwidth

3. Helps you make net.friends instead of net.enemies

(Ugh! Now I'll have to do this again for the next wave of newbies... :-(

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

2758. WTD: Johnson Matchbox, NCL-2000, Crankup Tower.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 18:38:02 UTC
From: rentcom@interaccess.com
Message-ID: <3jac2a$4uq@nntp.interaccess.com>
Source record: 251380

Wanted: Nayional NCL-2000, speaker for National HRO-500,
Johnson KW Matchbox, Crankup tower in Chicago area.
Sam Macy (KG9AM),486 Glenwood Trail,
Elgin, IL 60120
(708)695-0218

2759. Will Icom 22U work 9600 baud pkt?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 18:43:52 UTC
From: p653663@austin.lockheed.com
Message-ID: <3jacd8$61t@antares.Austin.Lockheed.COM>
Source record: 251383

Ih□□
I have an Icom 22U (not the A or S) and it works great for
1200 baud packet. Wonder if anyone has tried to use an Icom 22U
for 9600 packet?

Dick, KD5VU

==
Richard (Dick) Kriss Personal: dkriss@moontower.com
904 Dartmoor Cove Amateur: kd5vu@kd5vu.ampr.org
Austin, Texas 78746 Work: kriss@austin.lockheed.com
512-327-9566 (h) 386-4153 (O) Pkt: KD5VU @ W5SYT.#AUS.TX.USA.NA
==

2760. baycom chip? where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 19:34:27 UTC
From: Frank Flynn <fflynn@delphi.com>
Message-ID: <Be1aV5D.fflynn@delphi.com>
Source record: 251286

I am looking at putting together a small baycom modem. Does anyone know of a source for the TCM 3105 IC? And also there is a crystal in the circuit, I'll need a source for that also. TIA. 73
Frank KM1Z
I hope this is not the FAQ, which I have not read as yet. :)
..hope it's not *in* the faq, I mean, I can't edit from here.]

2761. Out-of-band emergency calls (REPOST)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 19:49:09 UTC
From: William_A._Kirsanoff@ccmail.anatcp.rockwell.COM
Message-ID: <9502047943.AA794346664@ccmail.anatcp.rockwell.com>
Source record: 251288

It seems that much of my original post did not make it through the system, so I am reposting.

On 28 Feb 1995 19:10:43 -0600,
David A. Webb <mudaw@uxa.ecn.bgu.edu> wrote:

[stuff deleted]

>The question "is it legal to TX on police band in an emergency?"
>is a bit more vague. Technically speaking, the wording in the CFR
>indicates it not legal, even in an emergency.

Huh? That's not what I read.

>[47 C.F.R. $97.403] reads "No provisions of these rules prevents
>the use by an amateur station of any means of radiocommunications
>at its disposal to provide essential communication needs in
>connection with immediate safety of human life and immediate
>protection of property when normal communication systems are not
>available."

". . . any means of radiocommunications at its disposal . . ."
Seems rather inclusive, dosn't it. If it is a means of
radiocommunications, and I can get to it, I can use it in the
case of a life thretening emergency when normal communication
systems are not available.

>Okay, but [47 C.F.R. $97.3] defines an amateur station as "A
>station in an amateur radio service consisting of the apparatus
>necessary for carrying on radiocommunications."
>
>Therefor, you can use any means of radiocommunications, as long as
>it is in the amateur radio service.

This is where David makes his mistake, thinking that because the
apparatus necessary for carrying on radiocommunications is being used
in the amature radio service, it is only capable of operating within the
frequencies assigned to that service. Note that the radio is in
the amature radio service by vertue of its use, not its capability.

It must be remembered however, that "normal" communication systems
must be concidered and found unavailable first. Also, there are
other statutes to cosider, interferance with a police officer,
for example. Even when all the tests have been met: A life thretening
emergency exists, there is no other means of communication available,
the communication does not interfere with emergency services, the
operator must be prepared to defend his or her actions, perhaps

in court. The operators equipment may be held in evidence until the issue is resolved.

What happened in San Diego was, IMHO, wrong. In that case, there was no hearing, there was only administrative intimidation. Even so, if a life is saved, and an HT is the cost, SO WHAT!

Now for my own "lesson learned" soapbox speach:

I generally carry an HT capable of transmitting on the local police frequencies. I have all the frequencies programmed in so I can listen, I have the PLs set so I can use CTCSS filtering. Now, I also have each channel set as an odd split, so that if I accedently transmit, it will be on a simplex ham frequency. Why did I do this? While working an event with the local PD, I acked a call from net control, and heard my transmission coming from the patrol car next to me, you see, I had the PTT set on the wrong side of the HT. Oops! Accedents can happen to the best of hams, so I made it impossable for me to have the same accedent again. I urge anyone who programs emergency frequencies in their radios to do the same.

Wm. A. Kirsanoff Internet:
Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
(714) 762-2872
Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI

Who are you? * I am number 2. * Who is number 1? * You are number 6.

2762. hamwomen and other miscellanies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 20:07:49 UTC
From: William_A._Kirsanoff@ccmail.anatcp.rockwell.COM
Message-ID: <9502047943.AA794347744@ccmail.anatcp.rockwell.com>
Source record: 251287

On 2 Mar 1995 02:11:54 -0500
kbnmatt@aol.com (KBnMatt) wrote:

> Hello to all from KE6PUY in Pasadena, California. At present, I only
>have a 2-m HT (need to get my general liscence b4 going on HF.) Would love
>to hear from people around LA about friendly repeaters, etc. I'd
>especially love to hear from other females out there -- I've been a little
>daunted by the number of men I hear (I was one of two women there when I
>took my tech test... the other women, mind you, was testing for her
>advanced class...)

> Also, I am wondering if anyone out there has ever operated from Death
>Valley National Monument. I'd love to know about different repeaters, but
>also about the tropo conditions and how far one can go simplex...

>Sorry if this sounds like a new ham posting; it is!

>KB
>kbnmatt@aol.com

Welcome KB (and Matt I guess :-)). Their are lots of open repeaters in
your area. You may want to check with the TORA folks if the Rose Parade
interests you. Also the two Mt. Dissapointment machines are good,
147.270 + and 145.300 -. Look for the "Repeater Location Guide"
by Kevin Karamanos, WD6DIH and Karl Pagel, N6BVU at your favorite ham
store. It's a good So. Cal referance.

I have just made two trips into DV and I don't know of any repeater
coverage down their, but I recommend monitoring national simplex,
146.520. I've made a few "on the road" contacts that way, and if
a ham is in trouble in the middle of nowhere, that is a likely place
for he or she to be calling.

73

Wm. A. Kirsanoff Internet:
Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
(714) 762-2872
Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI

Who are you? * I am number 2. * Who is number 1? * You are number 6.

2763. DONATIONS to School?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 21:00:07 UTC
From: jbrown@nunic.nu.edu
Message-ID: <3jakcn$e6a@nunic.nu.edu>
Source record: 251419

Hi! Tri City Christian School in Vista California (San Diego county) is approved for talking to the STS-67 shuttle (launched 3/1/95) via SAREX. This has sparked A LOT of interest on part of junior and senior high students in getting licensed!

We are planning a HAM STATION at the school, and would LOVE any usable donations of gear: hf, vhf, uhf, packet, antennas, tnc, etc etc. Donations are TAX DEDUCTIBLE as we are a non-profit.

Please contact me ... 73

Jim Brown KK6FX
Superintendent
619.724.3016

2764. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 21:22:33 UTC
From: Jrouse@ix.netcom.com
Message-ID: <3jalmp$25i@ixnews2.ix.netcom.com>
Source record: 251384

In <mgb.1.000C9C93@leland.stanford.edu> mgb@leland.stanford.edu (Michael G. Barbitta) writes:

>
>In article <3j15rc$kq4@ixnews1.ix.netcom.com> earlix@ix.netcom.com (Larry Earlix) writes:
>>From: earlix@ix.netcom.com (Larry Earlix)
>>Subject: Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc
>>Date: 1 Mar 1995 06:56:44 GMT
>
>>In <ZcwYcJc.brunelli_pc@delphi.com> brunelli_pc@delphi.com writes:
>
>>>
>>>R. Wiley <rawiley@blue.weeg.uiowa.edu> writes:
>>>
>>>>>>"1935 will go down in history. For the first time, a civilized
>>nation has
>>>>>>full gun registration. Our streets will be safer, our police more
>>efficient,
>>>>>>and the world will follow our lead into the future." - Adolf Hitler
>>>
>>>
>>>I may be naive but i have found this quote to be nothing more than
>>>an example of what historicasl proponents of gun control and mandatory
>>>civilian registration were really up to. If this is some sick form
>>>of pro-hitler pro-gun-control i have been had!
>>>
>>>pete
>>>n1qdq
>>>
>
>>Every Country in the world has some form of gun control, why quote
>>Hitler?
>
>Perhaps because the 1968 Gun Control Act came directly from Sen Dodds visit
>to Germany during the Neurenberg Trials... Almost Word for Word.
>
>The neo-facists who want a new thousand year reich in this country call
>themselves "Progressive Liberals" rather than "Democratic Socialists"
>But a weed of another name is still a weed.
>

>If you really think that these statist "progressive" neo-nazis will
put up
>with allowing "citizens" to possess ham radios, internet access or
guns,
>you have been watching to much Sesame street.
>
>The Clinton Administration is the nadir of Kakistocracy.
>
>Michael .. KD6OAY
>

Get a life!

John, KA3DBN

2765. PRO-62 Scanner

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 21:36:00 UTC
From: allan.logan@atlwin.com
Message-ID: <8A4D3E4.02770069ED.uuout@atlwin.com>
Source record: 251412

I just purchase the PRO-62 HH Scanner and am
looking
for MODS for it. Thanks in advance! :-))
Researching: LOGAN, MCNALLEY,DEFINO
~~~
* VbReader 2.01 #NR * A truly wise man never plays leapfrog with a unicorn.
~~~

2766. Grove Sound Enhancer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 21:42:44 UTC
From: rflood@cis.umassd.edu
Message-ID: <D4xqz8.279@umassd.edu>
Source record: 251305
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

I was wondering if anyone has any opnions on the Grove SP-200 Sound
Emhancer. I would like to be able to clean up the static I pick
up. Can the unit help with this? It seems exspensive though, are there
any similar speakers/filters out there?

Thanks in Advance!!

-Rich

============================
\\\|/// Richard M. Flood
(O O) rflood@cis.umassd.edu
------oOO-(_)-OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

2767. Contact person fotr MacContest???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 22:25:37 UTC
From: bert@tiac.net
Message-ID: <3japd1$mfo@sundog.tiac.net>
Source record: 251385

Does anybody know an email address or another contact for this Mac software? I sent email to switzerland.
Moritz (HB9BLZ) can act as a message forwarder. It got returned/bounced :-(

Also anybody have any experiance with using it...comments?

<MacContest 4.0>
The ultimate contest logging program for the Macintosh (System 7 proof). Covers CW/SSB/RTTY modes and all bands from 1.8 MHz to 5.7 GHz. Allows real-time or post contest logging for a wide variety of contests (30 contest include, new ones can be added). Checks for dupes, figures scores instantly. Offers various printouts (sorts per band, alpabetically, labels etc.) Interfaces to TNCs (KAM, PK-232) for CW, RTTY and packet modes. Built in terminal mode and packet DXcluster interface. Interface to Kenwood transceivers for automatic band/mode logging. MacinTalk voice output for real-time logging as well as to ease post-contest entry. Option to capture log in realtime to printer. Option to simultaneously create a save copy of the log to a different file/drive. Timetable showing actual grayline on a world map.
MacContest is free but must be personalized to each user (otherwis it's limited to 50 contacts). To get a copy send a 3.5" diskette and a SASE to Gerald Eberle, HB9CEY, PO Box 13, CH-4417 Ziefen, Switzerland.
Moritz (HB9BLZ) can act as a message forwarder for Gerald. Moritz' e-mail address is: gysslerm@saturn.kau.roche.com

2768. Amateur Radio Newsline #916 04 Mar 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 23:23:19 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <dPFMlGG8y9FT079yn@dorsai.org>
Source record: 251397
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.916
Amateur Radio Newsline #916 04 Mar 1995

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Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com

BBS Networks: FidoNet - Joe Brown, 1:2625/111
RIME - RO mail to Steve Coletti, ->35
Others - Steve Coletti (within the conference)
(Fido Netmail to 1:278/230)
- - - - - -
NEWSLINE RADIO - CBBS EDITION #916 - POSTED 03/04/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
==========
Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... Not In Service
Melbourne, FL..... (407) 259-4479

Electronic Hardcopy Version of Newsline
==========
GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0

Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at
D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed
above. To provide information please call (805) 296-7180. This
line answers automatically and will accept up to 30 minutes of
material.

Check with your local amateur radio club to see if NEWSLINE
can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**********

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**********

[916]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following advisory is not necessarily for air over *
(* amateur radio. This is just a reminder that the address *
(* for the Newsline Support Fund is: *
(* *
(* Newsline Support Fund *
(* c/o Andy Jarema N6TCQ *
(* P.O.Box 660937 *
(* Arcadia, California *
(* 91066 *
(* *
(* Again, and as always, we thank you. This ends the *
(* closed circuit with Newsline report number 916 for *
(* release on Friday March 3, 1995 to follow. *

(* *
(* *

The following is a QST

SAREX gets ready to contact amateurs around the world while
Amsat announces the frequencies for Phase 3D.
These stories and an update on the condition of ARRL President
George Wilson, W4OYI come your way right now!

(*****
SAREX - STS-67

STS-67 is the next space shuttle flight to carry SAREX, the
shuttle amateur radio experiment and it's a mission that carries
more scheduled ham radio contacts than any of the 16 SAREX
missions that have gone before.

It's the longest space shuttle flight ever scheduled, 16 days,
and six of the astronauts on board are licensed ham radio
operators. One of them, WA4SIR, Ron Parise is flying on his
second mission!
The space ship Endeavour flies more than 200 miles above the
earth for this flight. Its primary payload will be ASTRO 2 for
measuring planets, stars and galaxies in space. There are 26
scheduled school contacts, and that's another record. Only 29
schools made contact for the whole of last year! Most of the
schools are stateside but the list also includes South Africa,
Bangalore, India, and Cobram, Australia.
The crew also plans some random contacts with earth bound
hams, both voice and packet. Listen for them on 145.55 Mhz.
That's the downlink frequency for voice or packet. The
astronauts will NOT listen on that frequency however. Call them
on voice on 144.91, 144.93, 144.95, 144.97 and 144.99 Mhz. Packet
uplink is 144.99. For information on when and where to listen we
suggest you check transmissions from the Goddard Space Flight
Center on 3.86 Mhz, 7.185 Mhz, or 14.290 Mhz. You'll not only get
in-flight bulletins but all the air to ground conversations as
well. Good luck in trying to make contact.
We also have another SAREX report on a changing of the guard
in Houston. The SAREX Principal Investigator for the last ten
years has been Lou McFadin, W5DID. Lou's leaving NASA to go to
work for AMSAT, putting together the Phase 3D Satellite. His
place at Mission Control in Houston will be taken by Matt
Bordelon, KC5BTL. Matt's very well qualified. He's a training
officer teaching astronauts how to handle SAREX. Now he'll an
active participant, one of the four member SAREX Working Group
that runs the program for the American Radio Relay League and
AMSAT.

Our best wishes to Lou McFadin, W5DID on his career move to
the AMSAT Phase 3D project. We will have more on STS-67 and

SAREX next week.

(*****
AMSAT PICKS FREQUENCIES FOR PHASE 3D SATELLITE

AMSAT has selected final frequencies for its advanced Phase 3D satellite, due to launch in 1996. The selections, approved by Phase 3D Project Leader Dr. Karl Meinzer, DJ4ZC, were carefully chosen to minimize mutual interference with other amateur satellites and were coordinated with IARU band plans.
According to AMSAT Executive Vice President Keith Baker, KB1SF, the bands to be used by the upcoming satellite include 21 and 28 MHz on HF with 145 MHz on VHF and 436, 1269, 2400, 5668, 10451, and 24048 MHz on UHF.

(*****
ZC6B UPDATE

An ongoing ham radio DX operation using a defunct call sign from a land that technically does not exist is still grabbing the attention of DXers world wide. The call sign is ZC6B and the place is Palestine. Both exist only in the minds of the people who remember the days following World War 2.

Another update on the controversial ham radio operation from Palestine. Dr. Sami Terazi, signing ZC6B continues to be active most days on 14.243 MHz at 14:00 UTC. Dr. Tarazi who claims to be operating from Gaza says that he will soon be installing a 3 element beam. He has also states that he has not received any mail from either the USA or Europe because it takes a month or more to receive any.
ZC6A claims that he has mailed some QSL cards direct by using the callbook and notes that cards for him from the United States cards can now be sent to Dr. Sami Tarazi, c/o 7162 E. Kendall Drive, E. Syracuse, NY 13057. The original QSL route was Dr. Sami Tarazi, Box 1008, Gaza, Palestine via Israel.
Meanwhile, there are other rumors floating around stating a couple of DXpeditions will take place in March by some JA, European and stateside operators.

Also a reminder that the ZC6 prefix was deleted from the DXCC Countries List as of July 1st of 1968. The allocation list of international call signs now shows that the prefix for ZC6 is allocated to the United Kingdom of Great Britain and Northern Ireland and not to Gaza or Palestine.

(*****
MURDER

The search for a Georgia amateur radio operator's missing granddaughter is over. You may recall an earlier Newsline report about Chanty Shiverdecker. She's the 15 year old Alexander City, Alabama, high school student who disappeared December 9th, 1994.

On February 24th, nearly 11 weeks after she was reported missing, Chanty's body was found in a ditch about 8 miles from home. Police have no suspects in Chanty's murder.
Chanty Shiverdecker was the granddaughter of Milton Landin, WB1CRP, of Forsythe, Georgia.

(*****
GEORGE WILSON UPDATE

ARRL President George Wilson, W4OYI, who suffered a stroke on February 11th is showing considerable improvement. As get well wishes pour in, so do questions pertaining to exactly what happened to the very popular League president. ARRL Executive Vice President Dave Sumner, K1ZZ says that it was a fairly serious stroke.

"What occurred is a, what is called an intercerebral hemorrhage on the right side of his brain. In other words, there was bleeding tissue deep inside the brain. This has affected, to some extent his control of the left side of his body. But it appears whatever permanent damage that may have been done is physical to the left side of his body. He may have some paralysis there that will require some rehabilitation. Of course for someone like George, his mind is, as sharp as it is, that's the thing you worry about the most. The doctors are quite optimistic that there's been no permanent damage there."

Dave adds that George's wife Marian and their two children deeply appreciate the expressions of support that have come from radio amateurs throughout the world. Get well cards may be sent to President Wilson in care of ARRL Headquarters, 225 Main Street, Newington, CT 06111. You can also post your get well wishes to George on the America Online Ham Radio BBS from where they will be forwarded to W4OYI.

(*****
MO. LICENSE PLATE FEES

Some good news for hams living in Missouri. ARRL Midwest Division Director Lew Gordon, K4VX reports that through the efforts of Ed Schneider, N0IUO and others, Representative Hand of the Missouri House of Representatives has introduced a bill which would reduce the fee for personalized Amateur call plates. This, to an initial fee of only $15 with an annual renewal fee of $3. All Missouri Amateurs are urged to contact their local state representative and solicit support for this bill. Missouri is one of very few states that places Amateur Radio license plates in the same category as vanity plates.

(*****
TEENAGE HACKER

Another young hacker is in the news. GM4NRB reports via a worldwide packet radio posting that a British teenager who allegedly infiltrated into sensitive U.S. government computers is in jail.
The youth who may have been a UK ham is said to have illegally monitored top secret communications over the North Korean nuclear crisis last spring.
According to quotes from the London Daily Independent newspaper, the 16 year old boy tapped into several defense computers for seven months during the crisis. After reading the messages the teen reportedly posted them on to the Internet where a British computer buff who read them told the Independent they contained information about missile firing sites in North Korea and field intelligence.
The young computer criminal, nicknamed "Datastream" by other Internet users, was finally caught by investigators after he left his terminal on-line to a U.S. defense computer overnight.
British police arrested the boy in July. In a statement to the paper, the U.S. Air Force Office of Special Investigations acknowledged the hacker could have accessed and read the top secret Korean files.

(*****
DIGITAL PLANS

The 14th annual ARRL Digital Communications Conference will be held September 8th - 10th at the LaQuinta Conference Center in Arlington, Texas, near Dallas.
The ARRL Digital Communications Conference is an international forum for radio amateurs and experts in digital communication, networking, and related technologies, at which they can meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees can exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications.
Anyone interested in digital communication is invited to submit a paper for publication in the Conference Proceedings. Attendance at the conference is not required for publication. Papers are due by July 21st, 1995, and should be submitted to Maty Weinberg, at ARRL Headquarters.

(*****
NASA PRESS RELEASES

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message users should type the words subscribe press-release. If you did it right, the system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. Questions should be directed to NASA at area code (202) 358-4043.

(*****
HISTORICAL ASSISTANCE

The Antique Wireless Association is building a replica of the famous 1BCG transmitter used in the 1921 ARRL Transatlantic Tests. This was the first station to send a complete message across the Atlantic. 1BCG was operated from East Greenwich, Connecticut, by members of the pioneering Radio Club of America. The association says that it knows of only one licensed amateur other than 1BCG himself who still active who was heard by Paul Godley in England. That's Jim Russell, now W8BU, then 8BU. The association would like to hear from other amateurs who might have heard 1BCG during the tests. If you can help, contact AWA Curator Bruce Kelley, W2ICE, 59 Main Street, Bloomfield, New York 14469. The Antique Wireless Association hopes to have the transmitter operating sometime this fall. It also hopes its operators are able to work some of the hams who participated in the 1921 tests.

(*****
ZS5AKV HONORED

Southern Africa Radio League President Hans van de Groenendaal ZS5AKV has been awarded an honorary Master of Engineering degree from the University of Stellenbosch. The graduation ceremony was held at the University last December 15th. In his speech, the Rector, Prof. A. H. van Wyk, paid tribute to Hans for his contribution to Amateur Radio and to the Amateur Radio Satellite Service.

(*****
DX

In DX look for Zimbabwe on the WARC bands. Bill Taylor, Z21CS, can be found most days on 18.124 MHz around 17:15z. The interesting thing when QSLing to Bill is he does not want any IRCs or green stamps. Rather, he would like a packet of flower seeds for his wife! QSL to: Bill Taylor, Box 264, Kwekwe, Zimbabwe.

(*****
TWIAR CELEBRATES #100

Finally, a belated Happy Birthday to our good friends at This Week in Amateur Radio. The satellite-delivered ham radio news and information service celebrated its 2nd Anniversary on Saturday, February 25th.
This Week in Amateur Radio was originally known as Amateur Radio Weekly and carried on the Spacenet III satellite from southern California. In early 1993, production was moved to central New York and the show was renamed "This Week in Amateur Radio". In March of that year it was taken over by the current production group and went on the air with a new, expanded format from Albany.
The show went on a four-week hiatus during December 1993

during its transition to Galaxy III and the new "Omega Radio Network". Omega is a service provider that features communications hobby programming. "Omega" and "This Week" moved to AT&T's Telstar 302 earlier this month.
This Week In Amateur Radio is produced by Community Video Associates and is heard on nearly a 100 amateur repeaters throughout the United States and Canada.
Our congratulations to Steven Anderman, WA3RKB and George Bowen, N2LQS and the rest of the gang at This Week in Amateur Radio on edition number 100 and for making their own dream of service to the ham radio community, come true!

(*****

And for this week, that's all from the Amateur Radio Newsline. You can write to us at Post Office Box 660937 in Arcadia, California 91066.

(* * * Newsline Copyright 1995 all rights are reserved. * * *

2769. On-Line Callbook with search engine???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 23:30:02 UTC
From: ronklein@ix.netcom.com
Message-ID: <3jat5q$b09@ixnews4.ix.netcom.com>
Source record: 251389

A few weeks ago, I stumbled across (on the WWW) a marvelous search engine for callbook queries. It allows search by location, name, etc.

Well, good(??) ole NetCruiser crashed, and I lost that URL address in the process. I have not been able to locate it again.

Could someone point me to the place on the web where such searches of the callbook are possible? I want to be able to search on more than just calls.

Thanks.

73,
--
Ron Klein - W0OSK
----
ronklein@ix.netcom.com

2770. IPS Daily Report - 04 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-04 23:46:36 UTC
From: rwc@ips.oz.au
Message-ID: <3jau4s$gcl@flare.syd.ips.oz.au>
Source record: 251298
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 04/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 04 MARCH AND FORECAST FOR 05 MARCH - 07 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 89/33

GOES satellite data for 03 Mar
Daily Proton Fluence >1 MeV: 6.6E+05
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 1.7E+09 (very high)
X-ray background: B1.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
05 Mar 06 Mar 07 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 05 Mar: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Sudden impulse observed at approx.
0120UT. Field was at unsettled-active levels following impulse.

Estimated Indices : A K Observed A Index 03 Mar
Learmonth 16 3223 4334
Fredericksburg 14 5
Planetary 12 7

Observed Kp for 03 Mar: 3222 2221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
05 Mar 30 Active to minor storm
06 Mar 15 Unsettled
07 Mar 30 Active to minor storm
COMMENT: IPS Geomagnetic Warning 6 was issued on 4 March and is
current for 5 March. Geomagnetic activity in progress, cause of
sudden impulse is not clear. Active-minor storm levels expected
on 7 March, and also during interval 10-13 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
04 Mar normal normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
05 Mar normal poor-fair poor
06 Mar normal fair poor-fair
07 Mar normal poor-fair poor
COMMENT: Geomagnetic activity currently in progress is expected
to degrade HF conditions at mid-high latitudes.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
04 Mar 12 Near predicted monthly values until just after local
dawn when depressions of up to 30% were observed.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
05 Mar -20 20 to 30% below predicted monthly values
06 Mar 10 Near predicted monthly values
07 Mar 10 Near predicted monthly values
COMMENT: IPS HF Communications Warning 10 was issued on 4 March and
is current for 5 March. MUFs at Townsville were near predicted monthly
values yesterday.MUFs at Hobart were near predicted monthly values until
local dawn this morning when depression of up to 30% were observed.
Spread F was observed during local night hours at Hobart.
Degraded HF comms are expected for today.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2771. Re: A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 00:19:27 UTC
From: hawley@aries.scs.uiuc.edu
Message-ID: <hawley.794362767@aries>
Source record: 251391

wnewkirk@bb.iu.net (William Newkirk) writes:

>In article <1995Mar3.222439.1@vax.sonoma.edu>,
>Ken Harrison <harrisok@vax.sonoma.edu> wrote:
>>home and not have to pay commercial rates... If one isn't making a profit by
>>use of the phone line, why should one be forced to pay commercial rates? Las

Well....I have been thinking along these lines: Sooner or later the phone company is going to have to charge for the quantity of data sent over the wire. What difference does it make if the user makes a profit? Or what his good intentions are? Even if they charge by the minute, then someone figures out how to send a years worth of data in a minute, now the company is out of business for a year as far as that customer is concerned. I think they need to charge for information sent. If the customer is a blind ham and needs some help, then 50 guys can chip in 12 bucks a year. The 50 guys can get the 12 bucks out of their dividends from their stock in the phone company.

>>I heard amateur repeaters weren't necessarily commercial ventures.
>object that walks and talks and looks like a commercial duck. others
>have crossed this bridge in his area - he should be asking them how
>they pay for a phone line and what special rules apply to get a lower
>cost phone line...

>the phone company, of course, gets suspicious over stuff like this because
>you could bet if it was easy, they'd have a lot of commercial accounts in
>the next day wanting a break. so they're not predisposed to discriminate.

>and since the content rules have been lifted somewhat, claiming 'non-
>commercial" use isn't as strong as it once was.
>>

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

2772. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 01:48:43 UTC
From: pgsperseng@aol.com
Message-ID: <3jb59r$9p1@newsbf02.news.aol.com>
Source record: 251302

:>I've got an FT-530 but can't work the local repeater from my home; a
mile
:>down the road it works fine. I suspect a high-gain antenna might do the
:>trick. Any suggestions on which ones to consider?

:I suspect a *high* antenna is what you need, one that will clear;
:the obstruction that's blocking your signal at home but not 1 mile
:down the road. Get a topo map, find the ridge, and figure out how
:high an antenna will need to be at your house to clear the first
:Fresnel zone. That'll fix you right up. Even a legal limit amplifier
:and high gain antenna won't burn through the dirt and rock of the
:blocking ridge, but a high antenna will give you line of sight so
:your peanut whistle will be full quieting into the repeater.

Original poster (AA1MI) responds:
Well, if it weren't for the fact that I'm on the NH seacoast, which is
very flat and with almost no multistory buildings around, I might be
tempted to try that trick. But I'm not sure how much it'll buy me.

2773. The WB3FFV Amateur Radio INTERNET BBS..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 01:57:48 UTC
From: howardl@wb3ffv.ampr.org
Message-ID: <D4y2sC.8z4@wb3ffv.ampr.org>
Source record: 251395
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

```
+-------------------------------------------------------------------------------+
HOW TO ACCESS THE WB3FFV AMATEUR RADIO INTERNET BBS !!!

I have placed a BBS system on-line that is mainly oriented towards the
Amateur Community (but there are plenty of other wares on-line). Through
user support I hope to keep the latest and greatest ham software on-line.
The BBS also offers access to nearly all of the Internet (USENET) NetNews
groups, plus access to most Internet services such as Email, FTP, TELNET,
Gopher, WWW, Callsign Lookup, Etc... Below is the information that is
needed in order to access the BBS via Telephone, Telnet, or FTP. Please
pass it around to as many ham's as possible.

System Name: WB3FFV
User Login: bbs

410-661-2475 - 12/24/48/96/14.4/16.8/19.2/21.6/28.8
(V.32bis,V.32terbo,V.34,V.FC,HST,V.42bis)

410-661-2648 - 1200/2400/4800/9600/14400/23000
(MNP2-5, V.32bis, V.42bis, Turbo-PEP)

TELNET/FTP - wb3ffv1.sed.csc.com (20.2.1.80)

WWW - http://wb3ffv1.sed.csc.com/

Data Settings: 8 Bits, NO Parity, 1 Stop Bit
Times: 24hrs/365days (except for routine maintenance)
Software: UniBoard UNIX BBS Software (Version 2.00b)
Misc. Info: Machine is an Pentium-90/MP running UNIX System V Release 4.2
and features more than 4 Gigabytes of on-line file storage.
Most transfer protocols are available!! (5 phone lines)

I attempt to keep the latest and greatest HAM software on-line, and encourage
all to upload anything new that they come up with, as it is of benefit to all.
Here is a sample of a couple pieces of software that is available for DOWNLOAD:

KA9Q TCP/IP Software for the PC (Latest OFFICIAL release + TEST Versions)
KA9Q TCP/IP for the Atari-ST, MAC, & Amiga
KA9Q TCP/IP for UNIX based systems
KA9Q TCP/IP (The NOS release) [UNIX, MS/DOS, Amiga]
KA9Q TCP/IP (Version by G1EMM, PE1CHL, PA0GRI, Etc.)
N2GTE Packet Message Switch [GTEPMS]
WA7MBL BBS for the PC
W0RLI BBS for the PC
MSYS BBS for the PC running KISS TNC's
AA4RE BBS for the PC (plus BETA versions)
```

F6FBB BBS for the PC
G8BPQ PC-Node (Version 4.08)
Various BBS utilities and enhancements
Several MORSE CODE Tutors
TheNet software by NORD><LINK
Modifications for many HAM Rigs and Scanners
Digital Signal Processing software (DSP)
DX and contesting programs

If you are interested in using UUCP to connect to the BBS, this can also be done as I support Anon-uucp. The login to the system is 'uucpanon', and there is NO password. The listing of avalible archives are stored in a file called 'FILES', and it is located in the /var/spool/uucppublic. To retrieve the files listing just use the following command:

uucp wb3ffv!~/FILES /usr/spool/uucppublic (ASCII Text)
-or-
uucp wb3ffv!~/FILES.Z /usr/spool/uucppublic (16-Bit Compressed)
-or-
uucp wb3ffv!~/FILES.gz /usr/spool/uucppublic (GNU Gzipped)

This will move a copy of my files listing into your uucppublic directory.

If you want to access the BBS via Telnet all you have to do is TELNET to wb3ffv1.sed.csc.com, and login is 'bbs' with no password required. To use anonymous FTP just ftp to wb3ffv1.sed.csc.com and login as 'anonymous'. This system is currently attached to the Internet via a dialup SLIP link, and should generally be available 24hrs, but at times the modem will drop the line. Also since this isn't the fastest link, I will be limiting the maximum number of anonymous sessions for the moment.

If you have any questions or problems, feel free to contact me at one of the numbers/adresses below. Good Luck...

Internet : howardl@wb3ffv.ampr.org | Howard D. Leadmon
UUCP : wb3ffv!howardl | Advanced Business Solutions
PHONE : (410)-661-0447 | 4107 Martin Avenue
FAX : (410)-661-0644 | Baltimore, MD 21236
PACKET : WB3FFV @ WB3FFV.MD.USA.NA |
WWW : http://wb3ffv1.sed.csc.com/ | Home of the WB3FFV Amateur Radio
GOPHER : wb3ffv1.sed.csc.com | INTERNET Bulletin Board System

2774. ZS95A QSL Route?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 02:21:43 UTC
From: RickR <76463.2713@CompuServe.COM>
Message-ID: <3jb77nscd1@mhadf.production.compuserve.com>
Source record: 251304

Anyone know the QSL route for ZS95A? Worked him on 40M SSB
during ARRL DX SSB Contest

TNX ES 73 DE kk5jv

--
KK5JV

2775. SS Results?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 02:31:09 UTC
From: shortcs@mail.auburn.edu
Message-ID: <D4y4By.3J8@mail.auburn.edu>
Source record: 251393

Greeting,

I was just wondering when the results for last year's SS competition
were expected to come out in QST.

Tnx es 73 de Sim, KK5EA

2776. Shack Grounding Assistance PSE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 02:57:07 UTC
From: dhs@texel.com
Message-ID: <3jb9a4$knq@newton.texel.com>
Source record: 251392

Hi everyone.

I am assembling my HF station and need some advice on my grounding system.
I have an 8 foot length of aluminum angle stock that I would like to use as my grounding Bus Bar.
Is aluminum suitable for this task?

Thanks in advance!
Dave N2VYP

2777. The Current Flame Wars

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 03:26:34 UTC
From: NEEDHAME@ZIAVMS.ENMU.EDU
Message-ID: <950304202634.be78@ZIAVMS.ENMU.EDU>
Source record: 251394

The below is from a recent "Digest" of Info-Hams...
>Seriously, 1 to 2 weeks of 15-minute
daily study will get you easily up
>to 5wpm so you can get HF privileges.
Then you can conduct your own
>propagation experiments.

Ah, YYYY, you poor little dit head, you
just don't get it do you? Not
everyone has the facility you have to
mindlessly become a modem. For
some people it's a hell of a lot more
work to get the Code down on
paper than it is for you. Try being
helpful instead of condescending.
You might even want to talk to some
cognitive psychologists at your
university about the subject. Idiot
savant talents like yours are
not that common in the population.

XXXX

Unfortunately, these things are getting to be really too common. I know
it's hard to read inflection from a keyboard, but here was someone really
just trying to help and getting bashed for it.

I know about code -- I wanted to be a ham for twenty years before I decided
to buckle down and learn CODE because it was a requirement. Once I took that
attitude, I learned 5 WPM in 2 weeks and passed 13 WPM 2 weeks later. Try
it and see -- that's all that was being said.

Earl Needham
NeedhamE@ZIAVMS.ENMU.EDU

2778. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 03:45:42 UTC
From: tclements@aol.com
Message-ID: <3jbc56$bcg@newsbf02.news.aol.com>
Source record: 251396

But as a German, you should appreciate mine..

Tom, W1ICH

2779. Sorry, some people can't learn code by being beeped at.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 04:34:05 UTC
From: gsmlrn@gsm001.mendelson.com
Message-ID: <1995Mar5.043405.14678@gsm001.mendelson.com>
Source record: 251411

Sorry guys, while most people can learn code by being beeped at, some
cannot. I tried for almost 30 years to learn code by many methods,
including:

Listening to w1aw.
Listening to QSO's.
Memorizing the letters, etc.
Hypnosis tapes.
Practicing sending (including taking a practice set on the train to work).
High speed tapes (ala KB6MT)
Low speed tapes (ala arrl, gordon west, etc).
Computer programs (several).

Finaly I found a course called "Code Quick". This course uses a different
method of teaching you to recognize code. I received the course mid April,
and passed the 5 wpm in July and the 13wpm in October.

Using code quick taught me the code, but it did not make me a instant
code copier. I was able to pass the 13 wpm test only with lots
of hard work.

I would highly recommend the course to anyone who wants to learn code.

Code quick is a tape package. There is also a companion program
called "Code Quick Plus+", but it adds to, not replaces the tapes.
It can be had from:

Wheeler Applied Research
38-221 Desert Greens West
Palm Desert Ca, 92260

1-800-SUCH-TNX

73,

Geoff.

--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com

2780. Re: Anybody know about FT-411???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 05:17:06 UTC
From: Mark <mlapolt@netaxis.com>
Message-ID: <3jbhgi$ii4@eliza.netaxis.com>
Source record: 251403

> John...I have had a FT411E for several years. It has been a great radio, very
> compact and easy to carry. Mt wife (KD6PXT) uses it all the time for mountain
> bike riding and has taken it backpacking to the top of Yosemite on two occasions.
> The original battery is finally dying but that's the only problem we've ever had
> with it. I also own two FT470's (the dual band model) and have had great success
> with them over the years. I think that $190.00 would be a little steep unless it
> is in "Brand New" condition. Yaesu has been marketing newer models for several
> years and the new model prices are not much more than what's being asked here.

> Bill Langton, KN6ER
> Lake Tahoe California
> Home Page: http://turnpike.net/metro/blangton
>
>
Actually, I also have been lokking for info on the 411. It's in compitition with the Icom 2gxat and the Kenwood TH28A, to be my first rig. I just passed the Tech exam a few days ago and have been looking for a 2m HT as my first rig, Any one have any suggestions, comments, preferences?

Mark LaPolt (no call sign, YET!)
Norwalk, CT
mlapolt@netaxis.com

2781. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 05:21:53 UTC
From: Mark <mlapolt@netaxis.com>
Message-ID: <3jbhph$ii4@eliza.netaxis.com>
Source record: 251404

pgsperseng@aol.com (PGSPersEng) wrote:
>
> I've got an FT-530 but can't work the local repeater from my home; a mile
> down the road it works fine. I suspect a high-gain antenna might do the
> trick. Any suggestions on which ones to consider?
>
> Tnx
> Paul AA1MI

A friend of mine (WA2TQY) just got the Radio Shack General Coverage
discone antenna to use with his scanner. His son (N1RRD) got a hold of it
and hooked it up to his 530 and was having a blast with it. The antenna
is model 20-013 and is only about $60.

Mark LaPolt
Norwalk, CT

2782. Re: Bnc what is stands for...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 05:31:31 UTC
From: Mark <mlapolt@netaxis.com>
Message-ID: <3jbibj$ii4@eliza.netaxis.com>
Source record: 251405

"British Nut Connector"

I always thought it was "Baby 'N' Connector"

Mark
mlapolt@netaxis.com

2783. New NACEC WWW Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 05:55:41 UTC
From: nacec@millcomm.com
Message-ID: <3jbjot$kr4@news.millcomm.com>
Source record: 251406

Hi All:

The North American Center for Emergency Communications, NACEC has just put up a WWW Homepage. You are all invited to go take a look. It is under construction, but there is already a good bit there. Graphics are included on the pages. It can be found at:

http://www.winternet.com/~nacec/index.html

73's
Edward Addy, KE0EG

2784. ANARTS RTTY NEWS BULLETIN 848 5th March 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 07:00:31 UTC
From: dave@eram.esi.com.au
Message-ID: <3jbnif$o4a@eram.esi.com.au>
Source record: 251307
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 848 5th March 1995.

SUNDAY TRANSMISSION SCHEDULES.
3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC VK2CTD (Col)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (Alan)
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 848 5th March 1995

Well, those of you from NSW, and visitors from other states,
who attended the Central Coast Field day last weekend -- how
did you enjoy it? The quotes I have heard for attendance
ranged from 2200 to 2500 -- no doubt we shall hear from the
Central Coast Club in due course as to the real attendance.

I must congratulate the club on the manner in which it ran
this year's Field Day. After the traffic problems of last
year, it was extremely well organised with traffic diverted to
a side entrance of the racecourse, keeping the centre of the
town free from a traffic jam. Inside the course all was run
well also, with security guards in the Disposals hall to
prevent pilfering; with good results, I hope. I was doing a
video report of the field day and almost didn't get my camera
out of the hall -- should have had a sticker on it, I suppose.

All in all, it seemed to go like clockwork, except personally,
I think it should be a dry occasion but I suppose the catering
suppliers must call the tune there. There are so many who
drive by necessity that this should be considered for next
time. All those in the flea market come under that umbrella,
as do those who put items in the Disposals, and, of course,
the buyers. -- And it was a hot day ...

Congratulations again to the Central Coast Amateur Radio Club,
and we'll see you there again next year.

IPS WEEKLY REPORT
---
24 FEBRUARY - 02 MARCH

DATE OF ISSUE: 3 MARCH 1995

INDICES:

DATE 24 25 26 27 28 01 02
10CM 83 83 86 88 91 90 90
A 2 1 11 20 22 25 (22 ESTIMATED)

T 47 45 64 10 38 46 -10

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET ON 24TH TO
25TH FEBRUARY; QUIET TO UNSETTLED ON 26TH, INCREASING TO
UNSETTLED WITH SHORT ACTIVE LEVELS ON 27TH-28TH WITH MINOR
STORM LEVELS 1800 TO 2100UT ON 28TH. THE FIELD WAS AT ACTIVE
TO MINOR STORM LEVELS ON 1ST MARCH, THEN UNSETTLED TO ACTIVE
ON 2ND.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE 15 TO 20
PER CENT ABOVE PREDICTED MONTHLY VALUES ON 24TH TO 25TH
FEBRUARY, 20 TO 50 PER CENT ENHANCED MOST OF 26TH, DECREASING
TO PREDICTED MONTHLY VALUES 27TH TO 28TH, WITH A SHORT
ENHANCED PERIOD TO 40 PER CENT. FREQUENCIES WERE AGAIN
ENHANCED TO 30 PER CENT ON 1ST MARCH; THEN 10 TO 30 PER CENT
BELOW PREDICTED MONTHLY VALUES ON 2ND. SPORADIC E WAS REPORTED
ON 26TH, 27TH AND 28TH FEBRUARY.

FORECAST (03 MARCH - 09 MARCH)

SOLAR: VERY LOW.

GEOMAGNETIC: UNSETTLED TO ACTIVE 3 MARCH, ACTIVE 7 MARCH,
OTHERWISE QUIET TO UNSETTLED.

IONOSPHERIC: DEPRESSED 15 PER CENT ON 3 MARCH, THEN MOSTLY
NEAR PREDICTED MONTHLY VALUES, POSSIBLE DEGRADED
COMMS ON 8 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

VK2SG RTTY DX NOTES FOR WEEK ENDING 24 FEB. 1995 (BID RTDX0224)

OUR INFORMATION THIS WEEK CAME FROM: DJ3IW AND THE CENTRAL-
EUROPE DX CLUSTER NODE DB0SPC, DL1BRC, I5FLN AND THE IK5PWJ
PACKET CLUSTER, W2JGR AND THE NJ0M NODE THE TWIN-CITIES DX

PACKET CLUSTER, WD4KXB, W5KSI AND ZS5S. THANK YOU ALL.
BANDPASS
FRIDAY 17
1307-14087 UT2IZ
1340-14085 JW0I
1348-21088 5T5JC QSL F6FNU
1415-14084 A71EY
1543-21086 GW3FSW
1545-21089 3DA0CA
1611-14087 UT2IZ
1613-21086 OK2PDM
1652-21080 D68UY
1741-21089 3DA0CA
1992-14084 3A0CA
2029-14086 CN8SM
2111-14080 9Q5TT
2233-14088 VK2KM
2203-14082 9Q5TT
2251-14082 FG5FI

SATURDAY 18
1217-28087 D68UY
1428-14073 HS0/DL2VK PACTOR
1610-14084 FG5FI
1820-14084 D68UY
2136-14085 WP4Q
2142-14080 VE8MN

SUNDAY 19
0146-14085 VP8CKN 0924-14089 VK9NH/VK4
1325-14081 SP50OP/P QSL SP6CYV 1330-14083 SV1AMH
1349-14086 GM4UQG 1437-14073 HS0/DL2VK P'TOR
1520-14087 UT2IZ 1523-14083 GW4WWE
1558-14085 RA2FB 1659-14085 OK2PVK
1734-14086 WP4Q 1752-14084 FG5FI
1803-14082 S58AA 1820-14084 D68UY
1827-14085 EA8VI 2218-14088 VK2KM
2244-14086 OA4CZO QSL P.O.BOX 538, LIMA, PERU

MONDAY 20
0022-14086 VP8CHQ 0043-14083 PZ1AC
0103-14082 EE5OPC QSL EA5OL 0156-14085 VI0ANT
1316-14084 UN5PR 1318-14083 J75A QSL N6ZS
1445-21082 EE5OPC 1646-21085 FG5FI
1943-14082 J75A
2022-14082 8P9NX
2052-14089 PJ2MI QSL K2PEQ 2102-14083 9Q5TT
2102-14088 VK2KM 2104-14079 FG5FI
2137-14084 8P9NX 2147-14088 VK2KM
2150-14084 J75A 2337-14088 CX7BF
2338-21084 KL7WP

TUESDAY 21
0026-14083 VP8CKN 0732-14085 9K2KF
1339-14086 9A1CEI 1643-21084 DP1KGI SEE NOTE

WEDNESDAY 22
0945-14081 VK9NH 1210-14080 OZ1ENH
1211-14082 LZ1MC 1212-14086 GW0PYT
1327-14087 8P9NX 1333-14085 EI5V
1402-21082 WP4Q 1632-21083 OK2PDM
1640-21086 S54A 1705-14084 GI0JEV
1719-14088 GM4UQG 2056-14082 9Q5TT
2135-14082 8P9NX 2154-14093 9Q5TT
2312-14086 9X5EE 2326-14088 VP8CQH
2350-14084 DP1KGI

THURSDAY 23
1319-14085 GM4SUC 1328-14082 9A3TB
1351-21082 JX7DFA 1355-14082 GI3SLE
1359-14089 JW0I 1400-14083 YL1ZE
1439-21085 3DA0CA 1525-21082 OK1AW
1529-21087 OK1KSL 1850-14081 TZ6FIC

NOTES OF INTEREST.
SOUTH SHETLANDS, VP8. THOMAS, DP1KGI (DL7VTS) WILL BE OFF KING-GEORGE ISLAND 28 FEBRUARY. HE WILL GO TO THE SHIP - MS BREMEN - AND WOULD LIKE TO BE QRV FOR A FEW DAYS AS DK1KGI/MM. 10 MARCH HE LEAVES THE SHIP IN ARGENTINA THEN THE MISSION WILL BE QRT. IF ANYONE CAN GET A MESSAGE TO THOMAS, PLEASE ASK HIM TO LISTEN FOR EUROPE ON RTTY BETWEEN 2000-2200 ZULU

MONTESARRAT, VP2M. THE WOODRIDGE WIRELESS MEMBERS WILL BE OPERATING FROM MONTESARRAT FROM 1 MARCH THRU 6 MARCH. OUTSIDE THE CONTEST, DENIS, WD4KXB WILL BE OPERATING RTTY WITH CALL VP2MFM. QSL WD4KXB

THE VK2SG RTTY DX NOTES ARE AVAILABLE ON INTERNET VIA TELNET OR FTP AT AB6Z.AMP.ORG. THE DIRECTORY IS CALLED /RTTYNOTE. FOR NEXT WEEK'S BULLETIN SEND YOUR BANDPASS AND NOTES OF INTEREST TO LUCIANO, I5FLN AT ITOS.ITA.EU

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA

Coming events

March 5th DARC Corona 10m Digital
18th-19th BARTG Spring RTTY Contest

April 1st-2nd EA WW RTTY Contest

WANT TO GET STARTED IN RTTY?

GORDON VK2AVU HAS SOME RTTY GEAR FOR DISPOSAL. IT CAN BE USED
TO GET YOU UP ON AIR OR AS SPARES FOR YOUR OWN EQUIPMENT.
GORDON HAS A SIEMENS 100 AND A TTY MODEL 32 WITH MANUALS, AND
10-12 ROLLS OF PAPER.

CONTACT GORDON MAXWELL VK2AVU QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA
@ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60
Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB.
Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from
anywhere in the broadcast coverage area. We are looking for-
ward to news from your areas to let other amateurs know what
you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes ANARTS NEWS BULLETIN 848 05/03/1995.

Inserted by VK2BQS (Jim) Vice-President ANARTS.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2785. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 08:04:12 UTC
From: jjmartin@world.std.com
Message-ID: <D4yJr0.HL9@world.std.com>
Source record: 251308

In article <3j7e4p$g1v@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>In <3j57ru$8l@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>
>>I've got an FT-530 but can't work the local repeater from my home; a mile
>>down the road it works fine. I suspect a high-gain antenna might do the
>>trick. Any suggestions on which ones to consider?
>
>The AEA Hot Rod is the best I've used. It makes a huge difference.

The Hot Rod (HR-1) is a good antenna. You might also try the
Anli RD8H which is a good slim type rubber duck.

I received my FT-530 yesterday from Yaesu and after the battery was
charged I spoke to some folks through a repeater about 20 miles away
and from inside a building. I was impressed! Oh, I used the antenna
that came with the radio.

I would suggest also that you consider the receiver at the repeater
site. I had a hard time hitting this same repeater with a 50 watt
mobile just a few months ago...but it seems the repeater techs did a
great job...cuz hitting it with a 2 watt HT from inside a metal roofed
building sure made an impression on me.

If one cannot hit a repeater from a mile up the street I'd say that there
is a problem at the repeater site or there is something wrong with the
radio.

Jez putting in my two cents. Not saying anything against the suggestion
to use the HR-1 cuz it is a good antenna...but like any telescopic antenna
it can be easily broken...for a rubber duck type though the ANLI antennas
are a pretty good choice...the RD8H and even better is the AL-800 (not to
be confused with the Ameritron amplifier) which works even better than the
RD8H.

73 es gud luk
-jim-
WK1V

2786. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 09:13:04 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar5.091304.6970@ke4zv.atl.ga.us>
Source record: 251413

In article <D4x6x4.20B@world.std.com> drt@world.std.com (David R Tucker) writes:
>David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:
>
>: Again, if you take the regulations as literally as they can be
>: read, it is illegal to use frequencies outside of the amateur band
>: even if the biggest emergency in the world happend.
>: The regulations do not say 'it is illegal', but they do say
>: any amateur station may use any means of radiocommunication.....
>: but an amateur station is defigned in the regulations as
>: basically the equipment used for operating in the amateur
>: service frequencies. This does not include police service
>: frequencies. Therefor what can we conclude?
>
>I'm confused. The regulations do say, "an amateur station may
>transmit the following types of two-way comminications: (b)
>Transmissions necessary to exchange messages with a station in another
>FCC-regulated servic while providing emergency comminications"
>(97.111a(1))

Yes, this allows us to communicate with, for example, Coast Guard
stations that come up in the amateur bands to respond to a ship
in distress call on the amateur bands. It doesn't necessarily
authorize us to come up on a Coast Guard frequency. That wouldn't
be Part 97 operation, and Part 97 regulations would not apply.

>Of course you know that the rules also say that no provision of part
>97 prevents the use of any means needed to get help in an emergency.
>(97.405)

Yes. It waives any Part 97 penalties for such activity. It does not
authorize activities contrary to other parts of the rules, or
contrary to other laws that may apply. Amateurs are interpreting
this rule section incorrectly when they assume it means a pro-active
authorization to operate anywhere in an emergency. It only waives
Part 97 penalties for operations that would otherwise be violations
under Part 97, such as running excessive power for example.

>If there's any provision of the rules that says an amateur station
>must stay within amateur bands during a dire emergency that isn't
>"escaped out" by 97.111 and 97.405, I wish someone would point it out.

As noted above, Part 97 regulations only apply to Part 97 operations.
If you aren't operating under Part 97, then Part 97 rules don't apply.
Once you move off of Part 97 authorized frequencies, you are no longer
operating under Part 97, and Part 97 rules do not apply. If you move
into Part 95 spectrum, or Part 70 spectrum, then you have to comply

with the rules of those Parts, including using Type Accepted equipment
for those services.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2787. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 09:22:10 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar5.092210.7056@ke4zv.atl.ga.us>
Source record: 251414

In article <1995Mar4.081604.25665@sol.cs.wmich.edu> radams@cs.wmich.edu (Robert Adams) writes:
>In article <3j70gp$bpm@gamma.norand.com>,
>Chuck Bassett <bassettc@norand.com> wrote:
>>
>> I have a student in the Novice/Tech class Im teaching that wishes to
>>use ATV to transmit from a RC model plane so they can get a cockpit view
>>from the ground. This sounds like a one way transmission.
>
>No more so than the control signals he's sending to the model aircraft.

97.215 deals specifically with RC model telecommand operation.

>You're reading more into the regulations than is there. Nothing to worry
>about... it's a legitimate application.
>
>>How does the FCC view using ATV in this manor and is there anyway he could
>>do it that would make it conform to the rules + regs ??
>
>It's really no problem at all. No special considerations, either. However,
>the ATV transmitter must ID.

This is classed as Auxillary operation under the rules. 97.201(e)
specifically authorizes one way transmissions. This is a special
case of telemetry operation where the transmitter is operating only
as part of a closed system. The ATV transmitter must be under positive
ground control, and must operate in spectrum authorized for auxillary
operations, not a problem since ATV can only be done on frequencies
authorized for auxillary operation.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2788. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 09:46:30 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar5.094630.7283@ke4zv.atl.ga.us>
Source record: 251415
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <linleyD4xy8v.6vM@netcom.com> linley@netcom.com (Bruce James Robert Linley) writes:
>In ye olden post jlamar@yrkpa.kias.com (John LaMartina) spake...
>>You may be walking a fine line on Part 97.
>>- One way transmissions I don't beleive are allowed per Part 97.
>
>Excepting remote controlled devices on certain segments of the 6m band.
>By the way, is remote control or telemetry permitted on any other
>amateur bands?

Yes, anywhere that Auxillary operation is permitted.

>>- If you are receiving signals in return, they must be from licenced
>> amateurs for that band (ie. packet)
>
>Who's sending signals back to you when you're using a repeater's autopatch
>to call a non-ham? Hmmmm. Packet/internet autopatches????

The repeater. It is an amateur radio station handling third party traffic under the authority of the control operator. When handling third party traffic, a repeater may not be operated under automatic control.

>>- Only conducting 5% business is like being a 'little bit pregnant'
>
>Agreed.

Ditto.

>>- The UHF link is being used to evade ISDN phone line charges.
>
>I don't understand this illegality of not being able to use a radio
>service to avoid paying for phone service.
>
>All autopatches can be construed to be 'evading' cellular service in
>areas where cellular service exists.

Yes. In fact 97.113, Prohibited transmissions says "No station shall transmit communications as an alternative to other authorized radio services". The rules no longer maintain a prohibition against competing with *wireline* services, but there is a prohibition against competing with other *radio* services. [Third party contacts are allowed under limited conditions when the content is "remarks of a technical nature relating to tests and remarks of a personal character for which, by reasons of their unimportance, recourse to public telecommunications

service is not justified."]

>Heck, you might as well kill off all land mobile radio as well on
>the basis of it's evading phone line charges (cellular or otherwise).

No, you can't, because land mobile is not a Part 97 service, and
Part 97 rules do not apply to it.

>What if you connected a computer (non-TNC) type modem to your radio
>and log into your internet account through the autopatch? How is
>this construed to be different from the UHF internet link mentioned
>by the original poster?

It's not different, both would be illegal if there is business
content. Both are third party transactions and must obey third
party rules.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2789. Help: STS-67 W5RR Packet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 11:29:43 UTC
From: Doug Freeman <dougfree@onramp.net>
Message-ID: <3jc7b7$dui@news.onramp.net>
Source record: 251416

I am new to packet radio and for what ever reason my ability to figure
out the manual for the MFJ-1278B controller is getting me nowhere.
So far I have been doing ok on normal packet connections but I have
some questions about the Shuttle. I am using 145.55UP and 144.49dn
frequences.

My questions are

How do I setup for automatic operation?
Do I use beacon mode and what text?
Should I turn Digipeat Off?

In general besides the controller set up what are the proper
procedures? I did receive their packet dn information last night
so I would really like to see if my new antenna and only 50w can
make it up.

Thanks for you help,
Doug Freeman
KC5ION
dougfree@onramp.net
http://rampages.onramp.net/~dougfree/

2790. Need DC area 12BY7A drive

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 11:35:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7489.545@acenet.com>
Source record: 251418

Newsgroups: rec.radio.swap,rec.radio.amateur.misc
From: brian.carling@acenet.com

SRR>I've been messing with my Kenwood TS-530S and have pretty much determined
SRR>that my ALC problem lies in a soft 12BY7A.

SRR>Can anyone in the DC area allow me to prove/disprove it this weekend thru
SRR>the sale/rental/borrow of a 12BY7A driver tube for a TS-530S?

Scott -try Maryland Radio Center in Laurel. They have a bunch of
giveaway tubes there that hams donate.
I am personally going to take a bunch in today (not 12 BY7As though)
when I go in for the QRP SHow-n-tell gathering from 11 to 2 p.m.
I hope you can be there!! 72 de AF4K/3 in Gaithersburg, MD
Brian
brian.carling@acenet.com

• SLMR 2.1a • What THIS country needs now is COUNTY CRICKET!!!

2791. RE: TNC+MODEM+MOUSE=COM P

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 14:35:36 UTC
From: goodwin@kaiwan009.kaiwan.com
Message-ID: <3jci7o$6eo@kaiwan009.kaiwan.com>
Source record: 251183

In a message dated 02-26-95, abraun@alb.med.itc.com said to All:

abraun>COM 1 /IRQ 4 = mouse (mouse CANNOT SHARE AN IRQ WITH ANYTHING ELSE!)
abraun>COM 2 /IRQ 3 = TNC (actually it's outboard rather than internal but this
abraun> shouldn't matter)
abraun>COM 3 is disabled
abraun>COM 4 /IRQ 3 = modem - for a 14.4 or 28.8 modem you should have a 16550
abraun> UART on whatever port you're using for the modem
abraun>IRQ 2 = DVP board
abraun>IRQ 5 = sound blaster

abraun>This setup works fine under both DOS and Windows. I have some problems
abraun>with it under OS/2 however, since I'd like to be able to run the TNC and
abraun>modem at the same time and that isn't possible without using a different
abraun>IRQ, and OS/2 (unlike DOS/Windows) requires the use of IRQ 7 for
abraun>printing.^^^
^^^^^^^

This is no longer true with the "Warp" release of OS/2. My setup;

IRQ USE
4 Com1, mouse
3 Com2, external 14.4 modem
3 Com3, MFJ-1278 TNC
5 Com4, PK-232 TNC
7 Soundblaster-16

This arrangement works well. Of course I can't use the MFJ TNC and the
landline modem simultaneously, because of the IRQ conflict. And yes;
I can print from LPT1 just fine.

****
* Larry Goodwin KC6WOG * reply to... INTERNET: goodwin@kaiwan.com *
* 73 es gud DX * AX25 PACKET: kc6wog@wb6wfh#soca.ca.usa *
* --... ...-- * Better Living Through Sound Effect Editing *
****

• MR/2 2.03 NR • QSL on the sex-change, Joe; do you still have ur Icom?

2792. RE: TNC+MODEM+MOUSE=COM P

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 14:36:12 UTC
From: goodwin@kaiwan009.kaiwan.com
Message-ID: <3jci8s$6fa@kaiwan009.kaiwan.com>
Source record: 251182

In a message dated 02-26-95, abraun@alb.med.itc.com said to All:

abraun>COM 1 /IRQ 4 = mouse (mouse CANNOT SHARE AN IRQ WITH ANYTHING ELSE!)
abraun>COM 2 /IRQ 3 = TNC (actually it's outboard rather than internal but this
abraun> shouldn't matter)
abraun>COM 3 is disabled
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abraun>IRQ 2 = DVP board
abraun>IRQ 5 = sound blaster

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abraun>with it under OS/2 however, since I'd like to be able to run the TNC and
abraun>modem at the same time and that isn't possible without using a different
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****
* Larry Goodwin KC6WOG * reply to... INTERNET: goodwin@kaiwan.com *
* 73 es gud DX * AX25 PACKET: kc6wog@wb6wfh#soca.ca.usa *
* --... ...-- * Better Living Through Sound Effect Editing *
****

MR/2 2.03 NR QSL on the sex-change, Joe; do you still have ur Icom?

2793. Re: baycom chip? where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 15:18:21 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3jcknt$fm6@portal.gmu.edu>
Source record: 251425

Frank Flynn (fflynn@delphi.com) wrote:
: I am looking at putting together a small baycom modem. Does anyone
: know of a source for the TCM 3105 IC? And also there is a crystal in
: the circuit, I'll need a source for that also. TIA. 73

The TCM3105 can be obtained from JDR electronics. It'll run right
around $11.
The crystal that JDR sells is close, but may increase your error.
Digikey sells the exact one you need.

: I hope this is not the FAQ, which I have not read as yet. :)
: ..hope it's not *in* the faq, I mean, I can't edit from here.]

I didn't know there was an FAQ for this group. If so I would like
to put it up on my WWW server.

73,
Shawn
KE4GHS

2794. Pacemaker

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 15:24:14 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3jcl2u$gmf@acme.freenet.columbus.oh.us>
Source record: 251423

My doctors have recommended that I accept a pacemaker. The proposal
only was made Mar.4, and I will arrange for the procedure tomorrow.
Mar.6. I have no information on what make or model of pacemaker
will be offered.
My present operating situation is 2 meter packet or fm voice, 25 watts
to a 1/4 wave antenna about 5 feet from my operating position, and
10 through 40 meters, various modes, 100 watts PEP to an R7 antenna
with the base about 20 feet from the operating position (brick wall, etc.
in between).
If you have any reliable advice to give as to the possibility that
a current model pacemaker is likely to misbehave due to RF under these
circumstances, or whether various makes or models of pacemakers are
more or less liable to such interference, it will be very helpful
to me.
GL and 73 Gerry K8EF@W8CQK.OH.USA.NA

2795. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 15:34:02 UTC
From: Ham.Dist.Net@f17.n275.z1.fidonet.org
Message-ID: <49e_9503070516@woodybbs.com>
Source record: 251220

```
The following files were processed Sunday 03-05-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMCOMM HAM: CW / APLINK / RTTY terminal progams
-------------------------------------------------------------------------------
VESTER_F.ZIP 664,363 SSTV/Fax480/WeFax by K3BC
-------------------------------------------------------------------------------
664,363 bytes in 1 file(s)

HAMDEMO HAM: Amateur Radio Software Demo Programs
-------------------------------------------------------------------------------
ID_SW4C2.ZIP 639,986 ID-Logic SW Simulator for windows
SAT14FEB.ZIP 143,724 Track 700 satellites - evaluation copy only
-------------------------------------------------------------------------------
783,710 bytes in 2 file(s)

HAMEQUIP HAM: Radio and equipment modification distribution
-------------------------------------------------------------------------------
SMWIN201.ZIP 325,670 Smart R8 Control program v2.01 beta for windows
WKCTDRV.ZIP 38,307 Windows drivers for satellite rotor & radios v.73beta
-------------------------------------------------------------------------------
363,977 bytes in 2 file(s)

HAMNEWS HAM: Ham Bulletins and Newsletters
-------------------------------------------------------------------------------
ANART847.ZIP 8,922 ANART Bulletin #847 02/25/95
ANART848.ZIP 7,192 ANART Bulletin #848 03/05/95
ARLB020.ZIP 3,845 03/04/95 - Emergency Services Sought
ARLD009.ZIP 4,571 02/23/95 - DX News
ARLD010.ZIP 5,279 03/03/95 - DX News
ARLP011.ZIP 3,741 ARRL Propagation Bulletin 03/04/95
NEWS0227.ZIP 12,681 NewsLine #915 02/27/95
NEWS0304.ZIP 11,805 NewsLine #916 03/04/95
OPDX196.ZIP 7,116 Oh/Pa DX Bulletin 02/27/95
PFQ0226.ZIP 8,492 VK2PFQ President's address / WICEN News
RSGB0226.ZIP 10,840 RSGB Bulletin 02/26/95
RSGB0305.ZIP 10,630 RSGB Bulletin 03/05/95
RTDX0303.ZIP 4,854 RTTY DX Bulletin 03/03/95
VE_EXAMS.ZIP 22,034 Nation-wide VE testing opportunities
-------------------------------------------------------------------------------
122,002 bytes in 14 file(s)

HAMPACK HAM: Packet Communication programs
-------------------------------------------------------------------------------
TSTH139.ZIP 170,325 Tsthost v1.39 by IK1GKJ
UPAK20.ZIP 471,618 Packet Terminal Program V2.0
```

```
--------------------------------------------------------------------------------
641,943 bytes in 2 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT056.ZIP 5,884 AmSat Bulletin #056 02/25/95
ARLK009.ZIP 4,918 ARRL Keplerian Bulletin 03/04/95
OBS062.ZIP 8,509 Amsat Orbital Elements #062 03/03/95
SPC0227.ZIP 6,839 Space News 02/27/95
--------------------------------------------------------------------------------
26,150 bytes in 4 file(s)

HAMSWL HAM: Shortwave broadcast schedules
--------------------------------------------------------------------------------
R_AUSSIE.ZIP 4,430 Radio Australia SWBC Sked - eff. 3/05/95
--------------------------------------------------------------------------------
4,430 bytes in 1 file(s)

HAMUTIL HAM: Radio operating aids
--------------------------------------------------------------------------------
ID_WT524.ZIP 406,308 ID Logic World-Time Clock
--------------------------------------------------------------------------------
406,308 bytes in 1 file(s)

TVRO TVRO: TVRO Satellite Feeds, FAQ, TVRO Listing, etc
--------------------------------------------------------------------------------
TSN0305.ZIP 10,701 Tele Satellite News 03/05/95
--------------------------------------------------------------------------------
10,701 bytes in 1 file(s)

Total of 3,023,584 in 28 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
# Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
--
|Fidonet: Ham Dist Net 1:275/17
|Internet: Ham.Dist.Net@f17.n275.z1.fidonet.org
|
```

| Standard disclaimer: The views of this user are strictly his own.

2796. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 16:07:49 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD4z651.GA8@netcom.com>
Source record: 251426

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
EOF

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

2797. Re: Will Icom 22U work 9600 baud pkt?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 17:22:03 UTC
From: gfiber@halcyon.com
Message-ID: <3jcrvr$9ud@news.halcyon.com>
Source record: 251281

In article <3jacd8$61t@antares.Austin.Lockheed.COM>, p653663@austin.lockheed.com (p653663) says:
>
>
>Ih☐☐
>I have an Icom 22U (not the A or S) and it works great for
>1200 baud packet. Wonder if anyone has tried to use an Icom 22U
>for 9600 packet?
>
>Dick, KD5VU
>
>==
> Richard (Dick) Kriss Personal: dkriss@moontower.com
> 904 Dartmoor Cove Amateur: kd5vu@kd5vu.ampr.org
> Austin, Texas 78746 Work: kriss@austin.lockheed.com
>512-327-9566 (h) 386-4153 (O) Pkt: KD5VU @ W5SYT.#AUS.TX.USA.NA
>==
>

Dick,

I think TAPR had some reference to the IC-22U in one the there new letters.
Also they publish a newslatter about high speed packet which has some tried modifications.
In any case you will need to go directly to the varactor for transmit and attach
receive to the detector.

73' Gary

2798. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 17:34:40 UTC
From: gfiber@halcyon.com
Message-ID: <3jcsng$9ud@news.halcyon.com>
Source record: 251313
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <linleyD4xy8v.6vM@netcom.com>, linley@netcom.com (Bruce James Robert Linley) says:
>
>In ye olden post jlamar@yrkpa.kias.com (John LaMartina) spake...
>>
>>You may be walking a fine line on Part 97.
>>- One way transmissions I don't beleive are allowed per Part 97.
>
>Excepting remote controlled devices on certain segments of the 6m band.
>By the way, is remote control or telemetry permitted on any other
>amateur bands?
>
>>- If you are receiving signals in return, they must be from licenced
>> amateurs for that band (ie. packet)
>
>Who's sending signals back to you when you're using a repeater's autopatch
>to call a non-ham? Hmmmm. Packet/internet autopatches????
>
>>- Only conducting 5% business is like being a 'little bit pregnant'
>
>Agreed.
>
>>- The UHF link is being used to evade ISDN phone line charges.
>
>I don't understand this illegality of not being able to use a radio
>service to avoid paying for phone service.
>
>All autopatches can be construed to be 'evading' cellular service in
>areas where cellular service exists.
>
>Heck, you might as well kill off all land mobile radio as well on
>the basis of it's evading phone line charges (cellular or otherwise).
>
>What if you connected a computer (non-TNC) type modem to your radio
>and log into your internet account through the autopatch? How is
>this construed to be different from the UHF internet link mentioned
>by the original poster?
>
>I'm confused. The rules seem to be lagging behind the technology and
>hindering experimentation.
>
>--
>Reality (more or less).....Bruce James Robert Linley |------------------|

>Internet...linley@netcom.com (linley1@aol.com if you must) | I run Solaris on |
>Postal.....3675 S. Rainbow Blvd. #107, Las Vegas, NV 89103 | my Atari 2600!!! |
>Amateur Radio.............KE6EQZ (-.- . -.... . --.- --..) |------------------|

At one time you could not use land Mobile radio to evade Long Distance
charges. I once knew of one business where the owner had setup two Land Mobile Bases,
they were some 80 miles apart. Yes he was running 100 watts on 150 foot
towers. Also the stations were legally licensed. Where he got into trouble
was when he was observed using these stations for base to base operations.
Not base to mobile. Not sure just what rule got him these days, but he had to
dismantle one of the bases. His business was a small family grocery store.
They were chatting about the daily business receipts and ordering goods. The telephone
Long distance carriers had this type of communication tied up. I would guess it was
like going thru a gas station to avoid the traffic signal.

Gary Fiber

2799. 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 17:51:24 UTC
From: jmmorrison@aol.com
Message-ID: <3jctms$isi@newsbf02.news.aol.com>
Source record: 251314

Is 420mhz-430mhz reserved strictly for ATV or can it be used for low power simplex comms also?

Thanks,
John M Morrison, Detroit, MI

P.S. In Metro Detroit, 420-430mhz can't be used at all for amateur radio but I was just wondering about most areas of the country.

2800. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 19:08:57 UTC
From: "Walter L. Zorn" <zornwl@cosmail4.ctd.ornl.gov>
Message-ID: <66315.zornwl@cosmail4.ctd.ornl.gov>
Source record: 251317

On Fri, 3 Mar 1995 01:16:27 GMT,
Kim Helliwell <kim@nntp.cadence.com> wrote:

{Lots Deleted}

>Oh, I don't know. I think the phrase "any means of radiocommunication at
>its disposal to provide essential communication" can be construed to
>give permission to an amateur to transmit out of band in an emergency.
>It is all in how the FCC and the federal courts interpret that phrase,
>whether broadly or narrowly.
>
>Besides, I seem to remember something to the effect that an FCC-declared
>emergency can have the effect of allowing amateurs to use FCC-designated
>frequencies for emergency traffic, whether in or out of the ham bands.

Kim,

I seem to remember something to the effect that an FCC-declared
emergency can have the effect of DIS-allowing amateurs the use of some
or all of any currently authorized radio spectrum. When necessary (when
it's to the benefit of the govenment), selected stations (likely RACES
stations at first, then maybe ARES stations) may be authorized the use of
specific frequencies for specific purposes until the emergency order is
suspended.

This is what you said, right?

Walt

2801. Re: HELP with CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 20:26:05 UTC
From: RONALD STANEK <ronaldstanek@delphi.com>
Message-ID: <5U84FHN.ronaldstanek@delphi.com>
Source record: 251316

Gordon west tapes are good.
Can you get a program for your PC.
that helped me.
look in CQ or QST.
GOOD LUCK :-)

2802. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 21:15:10 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4zKDA.1I1@news.hawaii.edu>
Source record: 251289

andy@clark.net (A.M. Cohn) writes:

>REALITY CHECK!
>
>Let's take a look at the bottom line here: You've got a SERIOUS
>emergency, there is NO OTHER FORM OF COMMUNICATION available to you, there
>are no passersby with cellular phones, etc, etc... and you're wondering if
>you should use your ham equipment to ask for help on a frequency that you
>(and your radio) are not authorized to broadcast on.
>So...how long will you be pondering this dilemma while you or your
>friend/spouse/victim bleeds to death?

Hi Andy,
My point was that the law says to make sure no other means are
available. Surely you must do what you have to but if there *was*
an amateur repeater available or a pay phone across the street, then
don't whine if you get your HT yanked.

To be within the law (``...when normal communication systems are
not available'') here's your checklist:

- amateur rptr
- simplex channel with activity
- telephone (including cell and pay)
- cb radio
- signal mirror for signaling aircraft (heehee)
- _____________ (fill in the blank)

Now don't get mad at me. Get mad at the sheriff/fcc/judge/whomever
who asks you to give up your HT for xmt'g out-of-band.

I guess the HF folks should modify their xcvrs to enable them to QSO
with the Marine Corps/Army/Air Force/Coast Guard/Navy just in case
of an emergency. (``Air Force One this is NH6IL...'')

Heehee from Hawaii,
Jeff NH6IL

2803. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 21:23:10 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D4zKqM.1px@news.hawaii.edu>
Source record: 251290

mudaw@uxa.ecn.bgu.edu (David A. Webb) writes:

>All I know is I wish I would have had my Yaesu when I saw a Semi tractor
>flip on the interstate on-ramp a few months ago. The driver was injured,
>and I didn't have any way to get help except drive 3 miles to the next
>exit and call. 10 minutes seems like forever when someone may be
>critically hurt.

Hi Dave,
And would you have dialed 911 through an amateur repeater or
immediately QSY'd to the public safety channels?

I think it's our responsibility to know the rptr freqs for the
areas we travel through - that would make this entire topic moot.

Anyone care to guess what percentage of the U.S. is *not* covered
by at least one amateur rptr?

Jeff NH6IL

2804. IPS Daily Report - 05 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-05 23:39:23 UTC
From: rwc@ips.oz.au
Message-ID: <3jdi3b$4ii@flare.syd.ips.oz.au>
Source record: 251322
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 05/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 05 MARCH AND FORECAST FOR 06 MARCH - 08 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 04 Mar
Daily Proton Fluence >1 MeV: 1.5E+06
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 7.3E+08 (high)
X-ray background: B1.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
06 Mar 07 Mar 08 Mar
Activity Low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 06 Mar: 84/26

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled

Estimated Indices : A K Observed A Index 04 Mar
Learmonth 11 2223 3332
Fredericksburg 19 14
Planetary 18 18

Observed Kp for 04 Mar: 2223 4336
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
06 Mar 12 Unsettled
07 Mar 25 Active to minor storm
08 Mar 12 Unsettled
COMMENT: Active-minor storm levels expected on 7 March, and also
during interval 10-13 March.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
05 Mar normal poor-fair poor
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
06 Mar normal normal fair
07 Mar fair poor poor
08 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
05 Mar -29 10 to 30% below predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
06 Mar 15 Near predicted monthly values
07 Mar 15 Near predicted monthly values
08 Mar -10 About 15% below predicted monthly values
COMMENT: MUFs at Townsville were depressed 30% during the
interval04-08 UT, and at near predicted monthly values at other
times. Some spread F was observed near dawn at Townsville.
MUFs at Hobart were depressed by up to 40% for most of yesterday,
with strong spread F observed.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2805. Va, DC, MD HAM BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 00:41:52 UTC
From: Jrouse@ix.netcom.com
Message-ID: <3jdlog$975@ixnews4.ix.netcom.com>
Source record: 251319

DC area hams: Check out The Last DX Connection, a totally free (!) ham BBS in the DC metro area operated by K3ZR. Call (301) 805-8921. No monthly fees here....
73, John KA3DBN

John L. Rouse Packet: KA3DBN @ KA3RFE.md.usa.noa
Capital-Gazette Communications Fax: (301) 464-7027
jrouse@ix.netcom.com Phones: (301) 262-3700 x 200
jrouse@dc.infi.net (410) 268-5000 (202) 261-2200

2806. NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 01:08:00 UTC
From: pgeorge@sallie.wellesley.edu
Message-ID: <6MAR95.01080055@sallie.wellesley.edu>
Source record: 251323

There seems to be a new craze of putting down amateurs who have "N1" in the front of their callsign. "N1" is usually the prefix that denotes at Tech. or General Class Licensee. I was listening to a local repeater and was just amazed of how much "No-Code" bashing is happening. Apparently these "Bozos"" feel that amateurs with and N1 prefix are NOT considered to be "Real" amateurs, especially the "No-Code" ones. I had to see it for myself. I tried to check into this repeaters' Saturday night free-forum net. While all other types of calls were recognized, I as an "N1" was totally ignored...not once but several times. All I got was having one of these losers say.."Hey, was that an N1 ?", "he,he,he,he,ha....yeah sure". I hate to burst their bubble but I was originallya "KA1" novice who worked up the ladder BEFORE the amateur enhancements existed.I am a fully licensed amateur, have been since 1984. I have been a GENERAL since the spring of 1992. I feel I HAVE paid my dues. All that aside, this self-righteous egotistical attitude leaves a lot be desired. There ARE a lot a NEW amateurs out there who are a credit to the hobby. Then again there are a few who are NOT. I simply do not care if a person is trying to contact me an has an "N1" callsign....hey, I welcome the opportunity to communicate with that person. If the FCC did NOT make any enhancements in the late 80's, this age old hobby would eventually DIE due to the lack of some new blood in our ranks. Sure, there ARE a few "Glorified CB's" out there who simply moved up into the spectrum. They will eventually lose interest and let their tickets begin to lapse....GOOD RIDDANCE !

The "NO-CODERS" have every reason to upgrade, to know the code and advance. The code was a major pain in the butt. I wanted so hard to become an amateur since 1970, but that ol' code was the hardest hurdle to tackle. BUT I PERSISTED, and today I am a GENERAL and plan to work HARD to upgrade even more.

Please, give these new amateurs a break. This elitist bull-shit has got to stop, once and for all. I asked a friend of mine..."Hey, what is the matter with having an "N1" callsign ?". Well, I soon found out...the hard way. I asked him, "Is it gettign to the point that I should try to reclaim my old "KA1" callsign ?". He said, "Well, what do YOU think ?". If this is true, this elitist attitude spawned by these self-righteous idiots will be just another nail in Ham radio's coffin. Idiots.

Peter Q. George (N1GGP) ex. KA1NHJ

2807. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 03:14:04 UTC
From: Robert.Garland@kd3bj.ampr.org
Message-ID: <D500zG.1yy@kd3bj.ampr.org>
Source record: 251263

bassettc@norand.com (Chuck Bassett) writes:

>Greetings Y'all

> I have a student in the Novice/Tech class Im teaching that wishes to
>use ATV to transmit from a RC model plane so they can get a cockpit view
>from the ground. This sounds like a one way transmission.

>How does the FCC view using ATV in this manor and is there anyway he could
>do it that would make it conform to the rules + regs ??

>73's

>N0UTS
>--
>---
>bassettc@norand.com | Lifes too short to be taken seriously.
>---
>Standard Boring Disclaimer : My opinions are my own , nobody else wants them.

Hmmm... The radio control signal is certainly one way, but i think the
rules take that into account. Read 47 CFR 97 all the way through.
Could you interpret the RC uplink and video downlink as a two way?

--
Robert Garland

2808. need to know where a call originated from

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 03:24:06 UTC
From: richard.hernandez@richcon.com
Message-ID: <9503060030277622@richcon.com>
Source record: 251241

I was wondering if anyone might know where stations using the call letters "S57" originate from. I had a QSO on 20 meters a few weeks back with S57MPL and have not been able to figure out where he was from. A few days later I again heard another S57 station on a QSO with a station from Texas but both were weak and I lost their signals. If anyone can let me know I would apreciate it. I'm still a little green at the DX game but have had a lot of fun with it.

73's from Rich KC4QBQ, in Mechanicsville, VA

2809. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 03:50:52 UTC
From: horrock@aol.com
Message-ID: <3je0qs$rr1@newsbf02.news.aol.com>
Source record: 251239

Speaking of RC in the bands. I would like to start a movement to get space for RC in the 220 (222) band. I have changed the transmitter in one of my controls and am working on the receiver now.

220MHz (near me in VA) seems like a great place for RC, and helps make better use of the band. Any input?

73

2810. IPS Solar and Geophysical Summary - February 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 03:56:14 UTC
From: rwc@ips.oz.au
Message-ID: <3je14u$8ub@flare.syd.ips.oz.au>
Source record: 251238
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS MONTHLY REPORT - FEBRUARY 1995
ISSUED BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.

1. SOLAR-GEOPHYSICAL INDICES

SOLAR LEARMONTH AUST
Day 10 cm flux A-INDEX T INDEX
01 Feb 87 13 35
02 Feb 86 17 29
03 Feb 83 - 23
04 Feb 86 - 12
05 Feb 81 6 30
06 Feb 84 9 21
07 Feb 84 6 31
08 Feb 86 17 45
09 Feb 84 7 -9
10 Feb 81 4 29
11 Feb 81 18 30
12 Feb 81 19 -13
13 Feb 86 28 3
14 Feb 82 20 8
15 Feb 85 14 -18
16 Feb 86 9 31
17 Feb 89 7 50
18 Feb 89 9 56
19 Feb 95 7 56
20 Feb 91 6 49
21 Feb 89 4 44
22 Feb 85 3 49
23 Feb 85 7 54
24 Feb 83 3 47
25 Feb 83 3 45
26 Feb 86 11 64
27 Feb 88 19 10
28 Feb 91 20 38

10 CM FLUX SUNSPOT NUMBER A-INDEX AUST FLARES
LEARMONTH T INDEX
Monthly Monthly Yearly Monthly Monthly >M1.0
Month Average Average Average Average Average
Feb 95 85.6 29.9 *22.7 11.0 30.3 4
Jan 95 82.7 23.8 *23.9 10.9 18.6 0
Dec 94 84.1 26.7 *25.2 10.5 24.5 1

Nov 94 80.9 18.0 *25.7 10.5 25.3 0
Oct 94 87.7 43.8 *25.7 15.0 12.1 1
Sep 94 78.6 26.7 *26.2 9.6 24.8 0
Aug 94 76.1 22.8 27.0 8.8 23.5 8
Jul 94 80.5 35.0 28.7 13.1 31.1 1
Jun 94 77.2 28.1 31.1 17.3 33.8 1
May 94 79.8 18.2 32.8 17.4 27.5 0
Apr 94 79.0 16.7 34.0 17.3 34.7 0
Mar 94 90.5 31.7 34.3 16.7 36.9 0
Feb 94 99.5 35.9 34.8 16.8 38.0 2

IPS Predicted (Yearly Smoothed) Sunspot Numbers (*)

From this month onwards, reported A-index information will be from Learmonth
Observatory in Western Australia.

Latest T-Indices for IPS Advanced Stand-Alone Prediction System-(ASAPS)

Last update: Februiary 1995 Solar-Geophysical Summary

Year Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
1990 150 128 135 129 126 138 136 138 141 136 122 133
1991 143 175 169 163 136 121 141 125 135 131 121 130
1992 152 172 156 134 95 79 89 66 68 68 85 90
1993 75 77 80 65 63 65 61 49 36 40 35 42
1994 55 34 33 25 19 25 25 20 20 9 10 10
1995 14* 13* 13* 12* 12* 12* 12* 11* 11* 10* 9* 9*
1996 8* 8* 8* 7* 7* 8* 9* 10* 10* 12* 13* 15*
1997 16* 18* 21* 23* 26* 29* 33* 38* 43* 48* 54* 60*

Asterisk indicates predicted value. No predicted values have changed
relative to the set of T-indices contained in last month's Summary.
For information concerning ASAPS for an IBM PC (or compatible) contact IPS.

The IPS Monthly T-index is derived from the observed monthly median values
of foF2 for each hour at up to 40 ionospheric stations worldwide.
These records become available from IPS stations in Australia very soon after
each month, but the majority are received up to one year later.
This means that the exact observed value of the monthly T-index is not
available until some months later.

The predicted smoothed monthly T-indices are computed by using a statistical
analysis of the observed monthly T-indices for all solar cycles since 1938.
The IPS T-indices may not be updated each month but only when sufficient new
data becomes available.
==========
2. FLARES AND SHORT-WAVE FADEOUTS

All M flares with an energy greater than or equal to M1 are tabulated under
class M flares. However, times of fadeouts are shown only for flares with
an energy greater than X-ray class M3.

DATE CLASS M CLASS X FADEOUT POSSIBLE
FLARES FLARES ON DAYLIGHT CIRCUIT
01 Feb 2
03 Feb 1 0135-0154 UT
04 Feb 1
20 Feb 1

2.1 Comments on Solar Activity.

Solar activity was at moderate levels on the following days this month:
1 February M1.0/0B 0911UT
M1.1/0F 0939UT
3 February M4.3/2B 0151UT
4 Febraury M2.6/2B 1544UT
Very low to low activity was observed on other days.

The maximum 10cm flux value for the month was 95 on 19 February. The minimum value for the month was 81 observed on 5, 10, 11 and 12 February.

The monthly sunspot number for February is a little higher than that seen in recent months. The monthly numbers show little indication of falling suggesting that solar minimum is still some way off. This is supported by the IPS rediction system which is presently suggesting a minimum in mid 1996.

==========

3. GEOMAGNETIC DISTURBANCES (for Learmonth, WA)
DATE COMMENTS

2-4 February Active to minor storm periods

7 February Active to minor storm periods

11-14 February Active to minor storm periods

27-28 February Active to minor storm periods

3.1 Comments on Geomagnetic Activity.

Several disturbances were observed this month. These disturbances are believed to be associated with solar coronal holes.

==========

IONOSPHERIC DISTURBANCES (for Sydney)
DATE MUFs

9 February Depressed 15% at times

12 February Depressed 15-20%

15 February Depressed 30%

27-28 February Depressed 15-20% during interval 27/2100UT - 28/0100UT.

4.1 Comments on Ionospheric Conditions.

Several ionospheric depressions were observed this month.
==========
5. IPS WARNINGS AND ALERTS ISSUED

WARNINGS:
HF RADIO WARNING:
NO ISSUE DATE BEGIN END
04 03 02 1995 06 02 1995 08 02 1995
05 11 02 1995 11 02 1995 13 02 1995
06 15 02 1995 15 02 1995 15 02 1995
07 24 02 1995 25 02 1995 28 02 1995
08 27 02 1995 28 02 1995 02 03 1995

GEOMAGNETIC WARNING:
NO ISSUE DATE BEGIN END
03 03 02 1995 06 02 1995 08 02 1995
04 22 02 1995 25 02 1995 27 02 1995
05 27 02 1995 28 02 1995 02 03 1995

ALERTS:

SWF ALERTS AND DURATION REPORTS
DATE SWF BEGIN-END (UT)
03 Feb 95 0152-0205 UT
20 Feb 95 0320-0340 UT
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2811. Re: Out-of-band emergency calls (REPOST)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 04:45:11 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD5057B.LII@netcom.com>
Source record: 251231

It looks like the *FCC* doesn't have a problem here (saving a life emergency), but there other sources of government to worry about. There may be a rule: Don't ever mess with the police's comm channels. In some other law somewheres outside the laws that cause the FCC to exist.

Maybe, if someone in your ham club or repeater group is good friends with your town's police chief, you could have them describe your emergency capability, and that you'd only make use of it in dire emergency. That they would be prepared for such a call, and know who's doing it, that it's not some joker fooling around.

This contact person would need to be someone the chief knows and respects.

2812. Need manual for Autek QF-1A

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 04:50:32 UTC
From: tigger@prairienet.org
Message-ID: <3je4ao$2e6@vixen.cso.uiuc.edu>
Source record: 251228

Hiya-

Just picked up a used Autek QF-1A filter, but it has no manual. Anybody out there got one?

Thanks,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/292 cfmd
Updated: 25 Feb 1995 Latest New One: ZL9GD
Support congressional funding for Public Broadcasting!

2813. Novice and Technician Amateur Radio Licensing Course

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 05:10:10 UTC
From: wfspar@qnet.com
Message-ID: <3je5fi$5h8@cello.qnet.com>
Source record: 251233

A 10-week amateur radio licensing course will start April 25 in Lancaster, CA. The class will prepare students to pass Novice and Technician entry level FCC examinations. Applications and date sheet can be requested from Bill Welsh, 45527 Third St. East, Lancaster, CA 93535-1802.

2814. Info needed:FT-51R, FT-530, Alinco 580/582 pleas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 05:20:26 UTC
From: afox@freenet.vancouver.bc.ca
Message-ID: <3je62q$hkc@freenet.vancouver.bc.ca>
Source record: 251236

Hi. Does anyone own one of FT-51R, FT-530, Alinco 580/582 ? I need to buy
a new radio (dual bander) but I get mixed reports from everyone. If
anyone has had ANY experience with these radios I would REALLY appreciate
a reply. Thanks and 73 for now :)
Regards, Aaron
--
afox@freenet.vancouver.bc.ca

2815. Original Ideas Needed for Radio Receiver :)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 05:56:54 UTC
From: misc200@csc.canterbury.ac.nz
Message-ID: <1995Mar6.175654@cantva>
Source record: 251232

Hola Everyone,

I'm a third year undergraduate at the university of Canterbury NZ, and
I need some help.

I decided to do a comms paper this year, it has one project : design
and make your own radio. Fine easy you say... except that the marker likes
original ideas.

Last year one of the students taking the course spent a fairly
substantial sum of money to build a radio complete with surround sound etc.
etc. He got about 90%, but a smart young fellow built a crystal set and got
92%. The reason he got such a high mark was because he made his own diode out
of some sought of crystal he requisitioned from physics.

So my problem is to find an original idea for a radio which falls into
these catergories (in order of importance).

1: It needs to be original, I thought of extending the idea of the
crystal set a little by making my own tuning capacitor out of some of those old
fashioned razor blades (has anyone tried this?). Someone built a 'Co-hearer'
radio last year, that got good marks. Does anyone know of any unusaul am
receivers (the older the technology the better), or know of any books
describing early radio recievers?

2: The idea has to be reasonably easy to understand by an ignorant
undergrad, and has to be reasonably easy to implement.

3: I'd prefer it if I don't have to take out a mortgage ;)

Cheers,

Stephen Simpson

PS. Please email my elec account as I read it more frequently.

email : SimpsoSW@Elec.Canterbury.ac.NZ

2816. Re: Callsign ID

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 07:20:28 UTC
From: kebsch@pdb.sni.de
Message-ID: <3jed3s$dlt@nanette.pdb.sni.de>
Source record: 251247

In <3idsjk$b94@cnn.MOTOWN.GE.COM> AD3Y writes:

>
>Does anyone know what county UU5J or EM5W are located in? Thanks.

This calls are guys in the "25kHz wide" country.

But back to your question:

EM-EO, UR-UZ Ukraine since Jan 1 1994

73 de DK3VN
Waldemar
--
Waldemar Kebsch, c/o Siemens | DK3VN (QRV on 40/20/15/10 since 9/94)
Nixdorf Informationssysteme AG | The last courtesy of a QSO is a QSL!
33106 Paderborn, Federal Republic | Big antennas, high in the sky, are
of Germany, kebsch.pad@sni.de | better than small ones, low!!

2817. Re: International Callsign Database?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 07:24:31 UTC
From: kebsch@pdb.sni.de
Message-ID: <3jedbf$drf@nanette.pdb.sni.de>
Source record: 251246

In <3iq63m$gb1@caesar.ultra.net> Ken Haagenson <haagenso@haagenson.ultranet.com> writes:

>Can anyone tell me of a WEB site that has international callsign
>listings? The ones I've tried are fine for US calls, but don't
>seem to contain any international (Carribbean, Central America,
>South America) info.....

>Please post replies to this newsgroup.

>Tks,

When I am selling Callbooks (Books or CD's) I would not offer this
information for free! :-)

73 de DK3VN
Waldemar
--
Waldemar Kebsch, c/o Siemens | DK3VN (QRV on 40/20/15/10 since 9/94)
Nixdorf Informationssysteme AG | The last courtesy of a QSO is a QSL!
33106 Paderborn, Federal Republic | Big antennas, high in the sky, are
of Germany, kebsch.pad@sni.de | better than small ones, low!!

2818. CE0ZVS qsl route needed!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 08:44:47 UTC
From: oh3mep@proffa.cc.tut.fi
Message-ID: <3jei1v$ogl@proffa.cc.tut.fi>
Source record: 251283

Hello DXers!

A friend of mine desperately needs a QSL from CE0ZVS.
He has sent couple of directs to

Jean Marie Niel
P.O.Box 38
D Santiago
Chile

but so far no response. So is there any better route, or
Has anyone managed to get a qsl from that station ever?
Any help appreciated! Qso was kept on april -91.

Pete
oh3mep@cc.tut.fi

--

****************************** oh3mep@cc.tut.fi ******************************
* Petri Keskinen * Kitiniitynkatu 7a3 * 33850 Tampere * Finland * Europe *
****************************** oh3mep@oh3rce ******************************

2819. Visting Florida Need Some Info!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 08:48:13 UTC
From: kstevenson@bfsec.bt.co.uk
Message-ID: <D50GGD.9Dz@bfsec.bt.co.uk>
Source record: 251248

I`m visiting Florida for two weeks starting the 13th th this month and I was wondering about Ham activity in the New Smirna Beach area. I`m interested in any club activities and particularly in and hamfests or dealers nearby. You wouldn`t beleive how expensive and hard to get Benchers are at home!

I`ll be QRV on 2m and 70cms also so any advice on that front would be gratefully received!

Any replies by email please to save bandwidth!

73 De Keith ..._._ . .

GI0SSA.

2820. Need SSTV/FAX decoding device...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 09:44:13 UTC
From: hubu@sbox.tu-graz.ac.at
Message-ID: <3jelhd$jnh@freelove.tu-graz.ac.at>
Source record: 251284

Hi out there ....

I visited an OM last Friday and saw a little device which he used for decoding SSTV / FAX. The device only consisted of some components and was used between the mic/phone and the RS232 port of the computer. Onfortunately I forgot to ask for a description of this device, now I wonder if there is someone else out there using such a small device, who can send me a description. By the way, I heard of some Software simply using the SoundBlaster, is there any Information on that?
TNX and 73, Arnold [OE6APF]

--
| | | | |""\ | | HUBU@SBOX.TU-GRAZ.AC.AT [Technical University Graz]
|___| | | |--/ | | "Die Worte der gelehrten Maenner sind wie Ochsen-
| | __/ |__\ __/ stecken !" [Kohelet 12,11]

2821. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 10:16:17 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D50KJ7.6s3@hpqmoea.sqf.hp.com>
Source record: 251285

Doug Mauldin (gdm@fermi.ualr.edu) wrote:

: Come on down and we'll teach you how to save 33% on the pronunciation
: of W. Most everybody down South says it in two syllables, something like
: "dub-ya" or "dub-ye," at least in casual speech. I know one guy who
: manages to elide all but the first syllable of W in his WB prefix,
: which comes out "dub-bee".

Nice!

I'm surprised no-one's pointed out the built-in ambiguity of that
letter

Hears: "Gee three double-yoo wye"

Writes: " G 3 U U Y ???????"

Thinks "G3UUY G3WY ???? Duh?"

Both are valid callsigns, although two letter G's were issued rather
a long time ago, some have been handed down to younger relatives.

Cheers
David GM4ZNX

2822. VK2WI Weekly News, 5th March, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 11:48:02 UTC
From: dave@eram.esi.com.au
Message-ID: <3jespi$9is@eram.esi.com.au>
Source record: 251293
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[No President's Address, due to him being away]

WIA examinations

The next examinations conducted by NSW Division of the WIA will be held at Amateur Radio House Parramatta, 109 Wigram St., on Sunday 2nd April 1995 at 1.00 p.m.

Applications close : Thursday 23rd March

WICEN News

We would like to take this opportunity to thank the WICEN personnel who gave up their time at an impressive display at last week's Field Day, and in particular to the Hunter region for setting up their caravan.

This month is going to be busy, with the "RTA Big NSW Bike Ride" already in progress; the Watagan Horse Enduro commanded by the eponymous Dan VK2GG is today (with a 4am start!); the John Moyle Field Day is on the weekend of 18-19th March, in which WICEN Hunter will be taking part; and on the same weekend is the annual Bungonia Cave Rescue, for which Mark VK2XGK is looking for volunteers, and Mark can be contacted at work on (02) 936-8689; Hunter are meeting on the 20th March; and the end of WICEN's financial year, at which renewals are due, is on 31st March.

Events in April include the VRA Mid-Year Conference at Wooli (between Coffs Harbour and Grafton) on the weekend of 1st-2nd April; the Forster Triathlon on 9th April, and is commanded by Michael VK2CMW and Darryl VK2DAZ; the Hunter Anzac March, commanded by John VK2JRC is on 23rd April; and the Oberon Car Rally is on 29th April, with about 20 people required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388. Finally, don't forget that the increased Amateur fees are expected to come into force in April, so keep writing!

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Magazine Roundup

Here again is a summary of the local magazines, which in the author's opinion could be of interest to Amateurs. This week we discuss the February issues of the various magazines.

"Electronics Australia" starts with a factually-incorrect editorial from Jim Rowe VK2ZLO, in which (amongst other things) he makes the amazing claim that Amateur licence fees have not risen for ten years; amateur astronomers may be interested in a story on how pulsars (a pulsating radio source, not the car) were discovered; an optical-fibre audio link, which could have possibilities in a lightning-proof remote link especially if multiplexed, is discussed; a calibrated RF probe, good to a gigahertz, is built; various applications for the solid-state audio recorder mentioned last month are presented; newcomers can construct a simple AM radio; Tom VK7TM describes some software that supports the advanced TCP/IP protocols which he now bundles with his "Pocket Packet" kit, and this software will be useful when the experimental TCP/IP station becomes established here at Dural (the days of the primitive "BBS" and the "Sysop" are numbered); the effectiveness of recharging dry-cells is investigated; and finally, one for the old-timers: a simple quiz on servicing vintage receivers is presented.

"Silicon Chip" discusses fuses for toroidal transformers; yet another subcarrier decoder for FM receivers, albeit using a different technique, is constructed; those wondering how far away a thunderstorm is before it demolishes their station can build a simple lightning distance meter; a blast from the past, the 68000 microprocessor, is discussed; an infra-red illuminator, suitable for security applications, is built; and CW enthusiasts can construct a simple two-transistor CW filter (although we have to ask why their new logo for the "Amateur Radio" column is a cellular telephone!).

"Amateur Radio" includes a copy of the VK2 submission to the SMA in respect of the new licence fees (made in the apparent lack of action by other bodies); an adjustable audio filter based upon switched-capacitor filters is constructed; a simple mains voltage and frequence monitor, suitable for WICEN and Field Day use, is built; "L-matches" are described in great detail; a smart Nicad charger and a clever loop tuning capacitor are summarised; the Divisional Notes page mentions that whereas the VK2 Division is expanding its broadcasts, the VK3 Division is winding its back, so perhaps we could run theirs for them; and a modification to the Icom IC-751A to restore correct pass-band tuning is described (we suspect that Icom left it disabled because of patent difficulties).

"Amateur Radio Action" wraps up an interesting series on weather satellites; the VK2 submission to the SMA (a copy of which also appeared in "AR") is reprinted; an article on the packet radio network -- in particular about how "prima donna operators" make life difficult -- makes interesting reading; and some modes that appear to be falling in popularity, such as CW, RTTY and AMTOR are discussed.

"CB Action" mentions how to cut down on radio interference from computers and car engines; a simple regenerative short-wave receiver is constructed; techniques for installing a transceiver within a vehicle are discussed, are are some simple antennas.

Be listening next month for another summary of the local magazines.

-- Dave VK2KFU

NEWS BRIEFS

Intrepid Radio Amateur, Dick Smith VK2DIK, is reported to have sold his highly successful company, Australian Geographic, to John Fairfax Holdings, for the tidy sum of $41 million. Apparently, Dick plans more adventures in his life. Perhaps some of those adventures will include Amateur Radio, like his record-breaking hot-air balloon trip across Australia.

***

The 25th anniversary of the nearly-disastrous Apollo 13 space flight will be next month, and Universal Studios is producing a movie to mark the event. Starring Tom Hanks, the film will reach Australia around the middle of the year. Will Forrest Gump have The Right Stuff ?

***

Not so many years ago, the nucleus of the atom was a fairly straightforward affair, comprising just protons and neutrons. Then, in the 1970s, some particle physicists got out of hand, started bashing the atoms about, and discovered that protons and neutrons could be split into further particles. That was when quarks were discovered.

For some years now, it s been known that there are six types of quark, known in the trade as 'up', 'down', 'charm', 'strange', 'top' and 'bottom'. Until now, the existence of the 'top' quark had only been mathematically deduced, but never really proven. Chicago's Fermilab was expected to announce this week that the elusive 'top' quark is definitely a reality; the discovery may eventually lead to an understanding of physical mass.

'News Briefs' looks at news items of interest to radio enthusiasts that appear in the mainstream media. Thanks this week go to 'The Australian' and 'The Sydney Morning Herald'. If your local or

regional paper runs an item of interest to Radio Amateurs, please
send a clipping to the Divisional office.

--Richard Murnane VK2SKY

IPS Report

IPS WEEKLY REPORT
---
24 FEBRUARY - 02 MARCH

DATE OF ISSUE: 3 MARCH 1995

INDICES:
DATE 24 25 26 27 28 01 02
10CM 83 83 86 88 91 90 90
A 2 1 11 20 22 25 (22 ESTIMATED)
T 47 45 64 10 38 46 -10

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET ON 24TH TO
25TH FEBRUARY; QUIET TO UNSETTLED ON 26TH, INCREASING TO
UNSETTLED WITH SHORT ACTIVE LEVELS ON 27TH-28TH WITH MINOR
STORM LEVELS 1800 TO 2100UT ON 28TH. THE FIELD WAS AT ACTIVE
TO MINOR STORM LEVELS ON 1ST MARCH, THEN UNSETTLED TO ACTIVE
ON 2ND.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE 15 TO 20
PER CENT ABOVE PREDICTED MONTHLY VALUES ON 24TH TO 25TH
FEBRUARY, 20 TO 50 PER CENT ENHANCED MOST OF 26TH, DECREASING
TO PREDICTED MONTHLY VALUES 27TH TO 28TH, WITH A SHORT
ENHANCED PERIOD TO 40 PER CENT. FREQUENCIES WERE AGAIN
ENHANCED TO 30 PER CENT ON 1ST MARCH; THEN 10 TO 30 PER CENT
BELOW PREDICTED MONTHLY VALUES ON 2ND. SPORADIC E WAS REPORTED
ON 26TH, 27TH AND 28TH FEBRUARY.

FORECAST (03 MARCH - 09 MARCH)

SOLAR: VERY LOW.

GEOMAGNETIC: UNSETTLED TO ACTIVE 3 MARCH, ACTIVE 7 MARCH,
OTHERWISE QUIET TO UNSETTLED.

IONOSPHERIC: DEPRESSED 15 PER CENT ON 3 MARCH, THEN MOSTLY
NEAR PREDICTED MONTHLY VALUES, POSSIBLE DEGRADED
COMMS ON 8 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

Changes at VK2RAP

Over the last 6 (or 12, time flies when you're having fun) months, a few dedicated Packet Radio operators have been working on trying to improve the VK2RAP wormhole at Newcastle University.

When first installed, we operated on 147.600 MHz (mainly to test the wormhole concept and reach VK2RAG). This was overcrowded and over used, so it was decided to put a user port on 147.575 MHz which, as you most likely know, is the digipeater frequency of VK2RPN on Mount Sugarloaf. This gave access to users trying this newfangled wormhole. It provided some links out of Australia and the potential of the worldwide Internet (or Informantion Super Highway, as it's now becoming known). As can be expected, users started making use of the facilities this opened up. These included Packet Conference servers and DX clusters for the DX hunters amongst us. The traffic on VK2RPN increased 10 fold.

After a few complaints from users that they could not access the local BBS because of the traffic to and from VK2RAP and that they were not interested in using the wormhole (directly, they may not have realised that a lot of the BBS bulletins and messages they read came via that route and then to VK2EO or down to VK2EHQ much faster that they used to!), it was decided to try a new frequency. A meeting was held and a VERY unused frequency was chosen away from the normal Packet frequencies. This frequency just happens to be in the 6 metre band. After a few months (some of the delay was due to the infighting going on in the WIA VK2 division) we finally got that licensed.

So the serch for adequate radios was on. We eventually settled on Phillips FM828 radios and our thanks go to Phil, VK2YK, for his assistance in procuring these.

The next step was an obvious one. Get the radios modified to suit our frequency. Off to the crystal manufacturer we go. After a 2 week wait for the crystals we were in business. All that remained was the need for mods for packet operation (TNC connections etc.) to be done and antennae to be built. Our thanks to Mike VK2FMB for having the patience and time to modify the radios for us, and to Maurie VK2CD for making the vertical antenna.

A trial between VK2XPX and VK2BDM with the first 2 radios proved they worked and tests by VK2ZMK showed the need to go horizontal (with our antennae!). Thanks to John VK2ZMK for his efforts too.

With all tests out of the way we picked a date for the installation at the university. This date obviously came (you haven't noticed the reduced traffic on 7575? SHAME!) and a small group including VK2EO, VK2XPX, VK2GNP, VK2BDM turned up to do the hard work. After much grunting and groaning the antenna was installed on the roof (it's also quite a climb up a couple of stories, lucky we had some stairs to go up even if they are at the wrong end of the building). Work then began inside, with connecting the radio and the tnc up and reconfiguring the VK2RAP

computer ports and routes to suit the new frequency.

OK, now here is the bit that is of major importance to the users of VK2RAP. Firstly, is is envisioned that the users will move off 147.575 MHz and 147.600 MHz and utilise the following nodes to gain access to VK2RAP (if in fact they need it) or by just using the services of those nodes, transparently go through VK2RAP. This is being done to alleviate the congestion on the digipeater frequencies. It is also felt that it will speed things up to the wormhole as it will not suffer desensing.

The stations with direct access to the wormhole and the users' access frequency for these stations follows:

VK2EO: 144.750 MHz via VK2RTM-1 (Rose node), 144.725 MHz via VK2RGL-1 (Rose node), 147.600 MHz via VK2RAG and 439.075 MHz. As this station is a FBB BBS you will have to use the gateway command from within FBB, if you don't know how to do this just leave a message for Geoff and he will explain it for you, Of course being an ordinary BBS you can get some things first when they come in via the wormhole.

VK2BDM: 147.550 MHz via VK2RND-1 (Rose node).
This system is a full TCP/IP system so there's the full range of possibilities here mostly available to any Amateur who connects over the radio, but yoy may have to ask for privileges for something special. Just leave David a note and he will help you. Dave also runs a conference server. To access this just type CONV at the prompt. Dave also runs this system as a BBS so there are some things here worth looking for in the message areas.

VK2GNP: 147.575 MHz via VK2RPN
This system also runs a conference server and the same applies as far as talking to Gary, he's sure to help.

VK2GWJ: 147.600 MHz via VK2RAG
Greg also runs TCP/IP and will give access from the south for those of you who have trouble with RAG. Get in touch with Greg to explain how to use his system.

VK2ZMK: 144.925 MHz via VK2RET (Rose node)
John has the intention of putting his radio on the hill with the VK2RET Rose node and making it a 3 way node. This will give access to VK2RAP for those up the coast as far as Lismore, (late update: he put it up today 23/2/95 but signals weren't good enough to establish a connection).

VK2XPX: 147.575 MHz via VK2RPN
Dave is going to use his system for remote sysop functions and other developments but if you get stuck and the system's there give it a go or leave a message.

Further expansion is on the cards with the 9600 Baud full duplex link to VK2RAG from the University being worked on at the moment. The person responsible for this has had a few problems with radios, so it may be a while off yet. We are also testing the new TEENCEE2 from Comrad Pty Ltd. Our thanks must go to Peter VK2UPP for the use of one of these units. It is hoped to get a few of these and use them on 4800 baud on the link frequency.

The other developments may change after Gosford Field Day (we've got a sysops' meeting there), but there's the possibility of a new system running under "linux" (a free Unix operating system that replaces DOS) and more access to the Internet itself rather than just using it to tunnel through to other places.

Also, Netrom was turned off at VK2RAP as it was found to cause too many system failures. Since removing it the system has worked faultlessly, but let us know if there's a need for it and we can work on ways to put it back.

So to sum up, direct user access is being phased out, you will have to use one of the stations listed to get into VK2RAP. But, this is hoped to solve some of the problems that have been there and (again hopefully) won't run too many users off. Above all, thanks for your patience as we're making the changes and by all means talk to us if there's any problems (or good ideas) you have.

Finallly a word of thanks to the Newcastle Microcomputer Club for their financial assistance. Bruce VK2KJF, Geoff VK2EO, Maurie VK2CD and John VK2ZMK fdor their work on radios and antennae, David VK2BDM, Gary VK2GNP, Geoff VK2EO and Dave VK2XPX for braving the heights and installing them, and (again) you guys (the users) for patience whilst all these changes are going on.

Submitted by VK2EO and VK2XPX on behalf of Newcastle Microcomputer Club and Newcastle District Packet Radio Group

Club news: AATC

Australian Amateur Television Club

The next meeting of the A.A.T.C. Inc. will be as usual the 2nd Sunday of the month - March 12th 1995 to be held at Radio House in Wigram St - Parramatta - 1.00 pm.

The technical demonstration on the day will be the sending of video over a 1000 feet (300 meters) on twisted pair fence wire.

Anyone interested in ATV is welcome to attend for general information about ATV and the waht is required to be on air.

For more information about ATV - contact the Publicity Officer on (02) 587-3491 between 4.00 and 10.00 pm Monday to Fridays.

Remember the Wyong Field day is only 51 weeks away -- see us there!

AATC Inc. Publicity Officer Bob Barnes VJ2R

Club news: AAPRA

Australian Amateur Packet Radio Association

If you did not reach the second floor of the grand stand at the Wyong racecourse last Sunday you must have missed the AAPRA activities. We had a lot of visitors though to see the demonstration of 4800 baud packet as well as Baycom, Paket 6 and TPK. By digipeating through VK2RND Newcastle we could get back to Sydney thus enabling one of the better known sysops to contact himself and see what we humble users have to put up with on a crowded channel.

Thanks to the presence of the Fisher's Ghost Amateur Radio Club - two floors below - we could operate with them at 4800 baud. It was hardly a DX record but clearly showed the advantage of higher speed packet. Our packet programs were in demand and it was pleasing to be able to welcome several new members to AAPRA.

The Field Day was undoubtedly successful, we had a good day and it seemed so did everybody else.

From Geoff VK2BQ AAPRA Publicity Officer

Club news: St George

From the St George Amateur Radio Club

Members and other interested listeners are advised that on Saturday the 1st of April the society will be holding its annual Allan Pettiford Memorial Auction.

The auction will be held at the normal meeting venue, that is the 1st Allawah Scout Hall corner of Bellevue Pde and Blakesley Rd, South Hurstville.

Equipment for the auction will be accepted between 10 and 11am.

Viewing of equipment between 11 and 12 noon.

Visa, Mastercard and Bankcard credit card facilities are expected to be available and the snack bar will be open during the course of the auction.

Inquiries regarding any specific details are welcome, please phone the society's publicity officer Allan VK2XF at home on 533-1006.

de Allan VK2XF, Publicity Officer

Club news: WARS

Waverley Amateur Radio Society

The next meeting of the Soviety will be on Wednesday March 15th at 7.30 pm at the club in Vickery Avenue, Rose Bay, next door to the

RSL. Doors open at 7.00 pm.

The main topic of the evening will be a talk and demonstration by Michael Stubbs-Race (VK2ASR) covering remote sensing and "QFAX" software for decoding weather information. You don't need to be a licensed amateur to make use of these facilities which should appeal to all those having a keen interest in the weather such as sailors or farmers.

Now that the Society has a permanent venue at Rose Bay, it is commencing classes for prospective amateurs and those wishing to upgrade their licences. A video based theory course is to start on Tuesday the 21st of March and will continue every Tuesday for 20 weeks.

Our first morse class aiming at the 10 wpm test is nearing a close and a new class will follow. Would anyone interested in either class please contact the Secretary, Grant Hinchcliffe, VK2TU, on 957-7100 during working hours or 319-1913 after hours.

Simon Buxton - VK2EII - Publicity Officer

COMING EVENTS

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Shortwave Listeners...

Proposed new Amateur licence fees scheduled to come into effect, 1 March, but this may be delayed until late April--so please keep writing!

RTA Big NSW Bike Ride (WICEN) . . . . . until 11 March
Summerland ARC Annual General Meeting . . . . . Today
Watagan Mountains Horse Enduro (WICEN--Dan VK2GG) . . . . . Today
Michelangelo's birthday (check your PC for the virus!) . . . . Monday
Signals Reunion at Wagga Wagga . . . . . Saturday-Sunday
Australian ATV Club monthly meeting at Parramatta . . . . next Sunday
Waverley ARC meeting . . . . . 15 March
Bungonia Cave Rescue exercise (WICEN--Mark VK2XGK) . . . 18-19 March
John Moyle Field Day . . . . . 18-19 March
Hunter WICEN meeting (Pauline VK2GTB) . . . . . 20 March
Waverly ARC Amateur classes begin . . . . . 21 March
Divisional Trash and Treasure Sale . . . . . 26 March
Great Lakes ARC members meeting . . . . . 31 March
St George ARC Annual Alan Pettiford Memorial Auction . . . . 1 April
Forster Triathlon (WICEN--Michael VK2CMW & Darryl VK2DAZ) . . 9 April

If you have an event you d like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, or by fax on (02) 626-6066. Packet items may be sent to VK2SKY @ VK2AAB.

Items can also be sent by post to the Divisional Office, to arrive
before close of business on the Friday preceding the broadcast.

VK2WI Broadcast, 5th March 1995. Copyright 1995 WIA (NSW) &
contributors. Material may be used elsewhere if the source is
acknowledged.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2823. Amateur Radio Newsline #9

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 12:29:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7543.545@acenet.com>
Source record: 251256

From: brian.carling@acenet.com

ST>SB NEWSLIN @ ALLBBS $NLIN.916
ST>Amateur Radio Newsline #916 04 Mar 1995

ST> (* *
ST> (* The following advisory is not necessarily for air over *
ST> (* amateur radio. This is just a reminder that the address *
ST> (* for the Newsline Support Fund is: *
ST> (* *
ST> (* Newsline Support Fund *
ST> (* c/o Andy Jarema N6TCQ *

^
|
End of message

Hi Steve, any chance you could break these up into 3 or 4 messages
so that I could read beyond the "Closed Circuit Advisory?"
All of the rest gets chopped off by the local BBS I read Usenet
Newsgroups on, because it is over 150 line sin length.
Thanks - BC

```
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---.OOOo----oo----oOOO.---
| |
| Brian Carling |
| Radio AF4K |
| Gaithersburg, MD |
| |
| brian.carling@acenet.com |
| |
|_____________Oooo._____|
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```

 SLMR 2.1a Appelate judge steps on banana: overturned on a peel!

2824. GB2ATG (March 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 12:34:01 UTC
From: Iain Kendall <iain@humber.ac.uk>
Message-ID: <3jevfp$1ki@master.easynet.co.uk>
Source record: 251294

BARTG * GB2ATG * NEWS * BARTG * NEWS * GB2ATG * BARTG
This is the - British Amateur Radio Teledata Group - News Broadcast Service
for all Amateurs and Short Wave Listeners interested in RTTY Amtor, Pactor
and Packet Radio.

This news is broadcast during the first full week commencing Monday each
month, to the following schedule..

Evening transmissions at 20:00 U.K. local time on 3.584 MHz. Mark.
RTTY on Monday-AFSK, Wednesday-AFSK and Friday-FSK.
Pactor-FEC on Tuesday.
Amtor-FEC on Thursday and Saturday.

Morning transmission at 10:00 U.K. local time on 7.041 MHz. Mark.
RTTY on Sunday-FSK.

Both frequencies could be +/- for QRM.

An edited version of this bulletin is available on the Packet network as a
BARTG at GBR. file thanks to: Andy (G3ZYP) BARTG Chairman and Publicity
Officer at GB7MXM.#36.GBR.EU.

It is also posted on the "INTERNET" system via the INFO-HAMS list on UCSD.EDU.
thanks to Iain (G6ARO) who is available on the "JANET" network as
Iain@HUMBER.AC.UK

News for March 1995. Bulletin No. 027.

BARTG Information.
BARTG are proud to announce that their "New Improved Multyterm" Terminal
Unit for Pactor, Amtor, RTTY, SSTV, CW and FAX has just passed the
rigorous EMC testing in compliance with the EEC Standard EN 50082-1:1993.
BARTG is an Amateur Radio Club and is believed to be the first to have
obtained compliance to the EEC EMC standard which applies to Residential
Environment. Further details can be obtained by contacting BARTG Components
Manager: Ken Godwin (G0PCA). 11 St. Lukes Way, Allhallows, Kent. ME3 9PR.
Telephone 01634 271548.

RTTY DX Activity. (all times are GMT.)

3.5 MHz.
T94DD 1830, RA2FB 1900, EI3GZ 2000, IS0QDV 2100, LY1BZB 2130,
9A1BST and S57DX 2200.

14 MHz.
KL7XD and PY7AJI 0930, HI8BG and YL1ZE 1130, WP4Q 1200, DU1SAN 1230,
UA2AO and J20UFT 1400, 9K2KF and VK6GOM 1430,
4S7/JA4FM and EW8AU 1530, JW0I 1600, XX9AS, VE6JO and WL7EF 1630, CU2GE 1700.

21 MHz.
VP8CKN, C91A, TY1PS, HK1LAQ and ZS6YA 1500.

QSL Information.
4S7/JA4FM via JA1FHK. XX9AS via KU9C. T94DD via K2PF.
J20UFT via F5LBM, Patrick LaBeaume, 38 Chemin du Plateau,
F-67500 Hagueneau, France.
EW8AU to Vladimir N. Prihodko. Box 68, Gomel 246027, Belarus.
YL1ZE to Box 171, Bauska, LV-3900, Latvia.
JW0I (Henry SP3ASN) to Box 280115, Berlin 13441.

Contests.
The Spanish EA-RTTY Contest starts 1600 April 1 until 1600 April 2 on all 5 HF bands 80 through 10 meters according to IARU band plans. (Please note revised date for this contest.)

Classification:
A) Single Operator All Band.
B) Single Operator Single Band.
C) Multi-Operator All Band only.
D) Short Wave Listener.

Exchange Message:
RST plus CQ zone number.
EA stations send RST plus *Prefijo Provincial* and CQ zone number.
There are 52 Spanish *Prefijos Provinciales*

QSO Points:
On 10, 15 and 20 meter bands, score one point for QSO within own continent.
Score two points for QSO outside own continent.
On 40 and 80 meter bands, score three points for QSO within own continent.
Score six points for QSO outside own continent.
Contacts between stations in the same DXCC country are valid for Multiplier credit, but have Zero QSO points value.

Multipliers:
On each band, count one multiplier point for each CQ zone and each Spanish Province (*Prefijo Provincial*).

Final Score:
Total QSO points from all bands times total Multipliers from all bands.

Trophies:
Award and plate to winner in Class A).
Award to winners in Class B), C) and D).

Logs:
Use separate log sheet for each band. Include Summary Sheet showing, Scoring and other essential information. Official Log forms are recommended. Mailing deadline for all entries is May 5th 1995. Send completed logs to:

EA RTTY Contest Manager, Antonio Alcolado (EA1MV). P.O. Box 240,
-9400 Aranda de Duero (Burgos), Spain.

Notes of Interest:
J20UFT was operating from Maskali Island in the Gulf of Aden. IOTA AF-053

South Shetland Isl. (DP1). RTTY activity is now reported from
February 6 at 0030z on 14 MHz. QSL via DD6UAB.

Conway Reef (3D2). Plans to activate this one from March 24 until
April 3 using all bands and modes. QSL RTTY contacts to SM7PKK.

Spratly Isl. (DU0). A team from the Philippines A.R.A. plan to run
all bands and modes from April 10 to 16. QSL via DU9RG.

Thanks this month to..
G3ZYP, GU0SUP, DXNS, VK2SG/RTDX.

BARTG caters for all DATA interests with information-components- kits-ready
built units and professional software for the P.C. and other computers
covering all common data modes.
Members receive a quarterly journal devoted to data modes.
Beginners guides for most data modes are available which are currently being
updated.
The group sponsors HF RTTY - Amtor - Pactor contests, administers its own DX
and members award schemes and holds an annual rally.

Please address membership enquiries to :-
Membership secretary, Peter Adams (G6LZB), 464, Whippendell Road,
Watford, Herts. WD1 7PT. enclosing SASE. Telephone - 01923 220774.

This copy of BARTG News is posted by Iain Kendall (G6ARO) who can be contacted
via Internet e-mail at.. iain@humber.ac.uk Items for inclusion in the
broadcast may also be mailed to this address, as well as any queries regarding
services offered by BARTG.

The news as distributed by G0ARF. 950227.

2825. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 12:34:02 UTC
From: moisan@bronze.lcs.mit.edu
Message-ID: <3jevfq$1vo@bronze.lcs.mit.edu>
Source record: 251249

In article <6MAR95.01080055@sallie.wellesley.edu>,
PETER Q. GEORGE <pgeorge@sallie.wellesley.edu> wrote:

>times. All I got was having one of these losers say.."Hey, was that an N1 ?",
>"he,he,he,he,ha....yeah sure". I hate to burst their bubble but I was

Hey, I started out as a no-code, but I've my Advanced--and I kept my call!
I paid my dues, too! Idiots. This is in Massachusetts, you say? Idiots.
I guess Mikey Deignan's pals are in my state too. Idiots.
--
| David Moisan, N1KGH /^_/^\ moisan@bronze.lcs.mit.edu |
| 86 Essex St. Apt #204 (o ^ o) n1kgh@amsat.org |
| Salem. MA 01970-5225 | | ce393@cleveland.freenet.edu |
| "I can't URL to there! It's DISGUSTING!"--Wakko Hacker |

2826. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 13:11:24 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3jf1ls$94i@crchh327.bnr.ca>
Source record: 251295

```
|>
|> Greetings Y'all
|>
|> I have a student in the Novice/Tech class Im teaching that wishes to
|> use ATV to transmit from a RC model plane so they can get a cockpit view
|> from the ground. This sounds like a one way transmission.
|>
|> How does the FCC view using ATV in this manor and is there anyway he could
|> do it that would make it conform to the rules + regs ??
|>
|> 73's
|>
|> N0UTS
|> --
|> ------------------------------------------------------------------------
|> bassettc@norand.com | Lifes too short to be taken seriously.
|> ------------------------------------------------------------------------
|> Standard Boring Disclaimer : My opinions are my own , nobody else wants them.
```

G'day guys. There are lots of one-way transmissions on ham radio. The
law permits one way transmission of things such as news items of interest
to the ham community, and code practice, but what doesn't seem to be addressed
by part 97 are the things like keying a radio with a pl tone on to see
if it activates the tone squelch of another radio, and general fooling
around on the bench. Some of this is done into dummy loads, but some
is on the air. Signal field strength tests fall into this area. Ham
radio is about experimentation, and it sounds like that is what you
will be doing. If it were me, I'd prolly just go for it. A good way to
identify the ATV station on board the aircraft is to hold your QSL card
in front of the plane for a few seconds just before takeoff. Most
R/C flights are 5 to 8 minutes, so the 10 minute rule will be easy
to keep up with.

Let us know how it goes.

73.
Jeff - AC4ZO
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

2827. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 13:19:42 UTC
From: brunelli_pc@delphi.com
Message-ID: <ZQ6blNe.brunelli_pc@delphi.com>
Source record: 251296

PETER Q. GEORGE <pgeorge@sallie.wellesley.edu> writes:

>amazed of how much "No-Code" bashing is happening. Apparently these "Bozos""
>feel that amateurs with and N1 prefix are NOT considered to be "Real" amateurs,
>especially the "No-Code" ones. I had to see it for myself. I tried to check
>into this repeaters' Saturday night free-forum net. While all other types of
>calls were recognized, I as an "N1" was totally ignored...not once but several
>times. All I got was having one of these losers say.."Hey, was that an N1 ?",

As a fellow "N1", i would really like to know which machine this was on.
As an extra, a VE, a board member on the local club, foxhunt group
chairman and all aroung party pooper i could not resist the opportunity
to check in!. There is much evidence of elitism in amateur radio and this
may be the worst case i have heard of yet.

Please reply to my mailbox:
brunelli_pc@delphi.com
and let me know where this was happening.

73
pete brunelli

>ranks. Sure, there ARE a few "Glorified CB's" out there who simply moved up
>into the spectrum. They will eventually lose interest and let their tickets
>begin to lapse....GOOD RIDDANCE !

73 de n1qdq

2828. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 13:30:15 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3jf2p7$94i@crchh327.bnr.ca>
Source record: 251251

In article <3jbc56$bcg@newsbf02.news.aol.com>, tclements@aol.com (TClements) writes:
|> But as a German, you should appreciate mine..
|>
|> Tom, W1ICH

Hi Tom. Yep, thats a good one. Would go great with my
last name, which is WITTICH.

73.
Jeff - AC4ZO
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

2829. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 13:41:04 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3jf3dg$94i@crchh327.bnr.ca>
Source record: 251252

In article <3je0qs$rr1@newsbf02.news.aol.com>, horrock@aol.com (Horrock) writes:
|> Speaking of RC in the bands. I would like to start a movement to get
|> space for RC in the 220 (222) band. I have changed the transmitter in
|> one of my controls and am working on the receiver now.
|>
|> 220MHz (near me in VA) seems like a great place for RC, and
|> helps make better use of the band. Any input?
|>
|> 73

Are you asking for opinions? On usenet? Heh heh.
OK, here's mine. I don't like to see model aircraft operated on the ham bands, and I discourage it within my extrordinarily small circle of influence. One reason is that the band plan is generally not known well enough for models to be safe from experimentors, or anyone else with a VFO. If they stray into the RC part of the band, a 1 to 3 HP engine spinning a prop at 10 to 15 thousand RPM is going out of control. Not a good situation. Another reason I discourage it is that a lot of RC equipment gets sold via consignment at small local hobby shops. If a guy is going to upgrade a radio, he is usaually going to sell his old one with an old plane using this market. The hobby dealer prolly doenen't know about ham radio, and may not care if he did know. He just wants his fifteen percent. This puts non-hams on the ham bands. We'd all hate to think one of our own (hams) would let a radio get sold this way, but I've seen it happen. I knew better that to try to tell the new owner that he bought a radio he can't legally use.

73.
Jeff - AC4ZO
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

2830. Need QSL route for 3A0X

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 13:46:14 UTC
From: benjy@benjy.cc.vt.edu
Message-ID: <3jf3n6$cp9@solaris.cc.vt.edu>
Source record: 251253

I worked 3a0x in the contest and can't find a route for him.
I checked the callbook and qsl servers I know about with no luck.

Please e-mail me if you have a QSL route for 3a0x.

73, Benjy

--
Benjy Cline, AC4XO
Virginia Tech Computing Center
benjy@benjy.cc.vt.edu

2831. Re: FCC Telephone Number

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 14:20:11 UTC
From: bjahnke@arrl.org
Message-ID: <1995Mar6.142011.18113@arrl.org>
Source record: 251259

Ranson J. Pelt (pelt@vt.edu) wrote:
: Can someone e-mail me the 800 number for the FCC???

It is 1-800-322-1117, and can be called between 8 am and 4:30 pm eastern,
weekdays.

73,

--Bart J. Jahnke, KB9NM
Manager
ARRL/VEC

vec@arrl.org

2832. RE:Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 14:27:57 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf5ad4ca.081@lan.mcl.bdm.com>
Source record: 251254

I have always wanted to do the same thing with RC ships. Now with the cameras being so small, I just may mount one in the bridge of an RC ship.

I recall a ham mounting an ATV setup on the chassis of a RC car. He used it at a hamfest and drew a large crowd.

Warren Whitby
Analyst, Nichols Research Corp.
wwhitby@lan.mcl.bdm.com - work wwhitby@aol.com - home

"The views expressed are mine, not my employer's."

2833. FL Hamfests weekend of 3/10-3/12?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 14:30:58 UTC
From: rodell@netcom.com
Message-ID: <rodellD50wBM.HDI@netcom.com>
Source record: 251297

I'm going to be visiting central FL on business over the 3/10-3/12
weekend, and would like to know if there are any hamfests in that area.

Your response is appreciated.

73,

rob

--
_/_/_/

2834. Re: K1man "hamgate"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 14:47:46 UTC
From: k0hb@hamlink.mn.org
Message-ID: <794505701.AA00631@hamlink.mn.org>
Source record: 251320

He would expect you to leave, and if you did not he would likely have
his mouthpiece issue a specious and ersatz felony criminal complaint!

2835. Buffalo Callsign Server??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 14:54:46 UTC
From: ronklein@ix.netcom.com
Message-ID: <3jf7nm$mbe@ixnews1.ix.netcom.com>
Source record: 251299

I have been attempting to telnet to the buffalo callsign server with:

callsign.cs.buffalo.edu:2000 as the address.

I get a connected message, but nothing happens from there until the link
times out. Are others having this problem or is my provider's software
demonstrating a bug?

73,
--
Ron Klein - W0OSK
----
ronklein@ix.netcom.com

2836. Re: Can I have an Internet link in a ham

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 15:04:24 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar6.150424.14161@ke4zv.atl.ga.us>
Source record: 251216

In article <9503032325595.The_Win-D.jtriolo@delphi.com> jtriolo@delphi.com (Jason Triolo) writes:
>
>The question is this...Assuming that it is within the FCC regulations, what
>good would a 57k connection do when most of the packet community (at least
>around here) still hasn't yet discovered 9600? Sure, your connection would be
>extremely quick, but what about when you hit the bottleneck of <insert your
>favorite packet freq. here>? It's not a bad idea to introduce ISDN connections
>to packet, but I think it's years from becoming anywhere near mainstream.
>
>Simply put...great idea, but it's a waste of time/resources, at least right
>now.

It depends on what you're trying to do, Jason. If your goal is digi-Dxing, then of course the 56kb system does you no good as an independent end user. You'll only achieve throughput equivalent to the slowest hop in your Dx path (actually *much* less). However, that's hardly a worthwhile use of packet technology in any event. If, OTOH, you want to implement a MAN that can move a lot of data in the local area, then the 56 kb system makes a lot of sense. Sure, your out-of-area links will still be slow, but they'll be carrying a lot less traffic than your local paths. 56kb is also useful for replacing slower links between MANs that have a high traffic loading. That can be done one trunk link at a time. It doesn't have to happen to the entire WAN at once.

Of course, any of the useful things you can do with packet requires cooperation and planning. It's not something one person can do by himself. It makes sense to start by forming local MAN groups and work your way up to establishing trunking groups implementing a WAN connecting a bunch of MANs. What's a waste of time and resources is continuing to fool with 1200 baud or even 9600 baud links. They don't have enough throughput to do much of anything useful or desirable. About all they're good for is to allow some freeloaders to play digi-dxer, or for a few BBS systems to slowly move some Email. Those things were admirable in their time, but arguably their time was ten years or more ago.

Now I don't want to give the impression that exploring the existing hodge-podge set of slow links is not fun. It can be fun for a few days until you've exhausted the connectivity possibilities of the ad hoc collection of independent digis you can reach. After that though, what good is it? Ok, occasionally you'll torturously exchange a few lines of text with a new station somewhere down the links, big deal, you might as well be using CW.

Packet is for moving data, preferrably lots of data, between cooperating computer systems. For that you need a moderately fast and robust network. And that requires a well connected cooperative system, implemented intelligently. And that requires an organized group effort. It only makes sense to do group purchases of 56kb equipment, since it'll take a group effort to organize and use the resulting network efficiently. But that does make a lot of sense right now.

In the future, we'll think 56kb is horribly slow, and hardly worth the effort. But for now it's the hottest thing in town, and the first speed step that allows real useful applications, beyond exchanging a few lines of ASCII text, to be run on the packet network.

The key to making any of this happen, however, is to look beyond the technology and look at the social and organizational efforts required to make it happen. Without those, we might as well be using tin cans and string. Packet is inherently different from almost everything else amateurs do. It's inherently a cooperative enterprise among a group of people. One on one contacts could be handled as well, or better, by using AMTOR, or even RTTY, rather than dealing with the high overhead of packet. Packet is designed to be multi-way and multi-user on common channels. It depends on cooperative relay stations beyond the horizon. It has to be a group effort to work properly. Guys going out independently and buying a 1200 baud TNC and hooking it to their HT and terminal aren't helping to build a useful packet network anymore (if they ever were).

Those who would build networks have to ignore those types of activity and concentrate on getting solid communications *systems* organized in their areas. The 56kb RF modem should be their first choice right now for implementing those systems. It offers solid, reliable, moderately fast, and *cheap* packet networking. On a per bit basis, it's 47 times cheaper than 1200 baud TNCs and radios. On a spectral usage basis, it can replace 1880 kHz of 1200 baud spectrum with a single 100 kHz channel. I fail to see how any group contemplating a packet MAN can afford to ignore it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2837. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 15:11:57 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar6.151157.14253@ke4zv.atl.ga.us>
Source record: 251218

In article <3jb59r$9p1@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>:>I've got an FT-530 but can't work the local repeater from my home; a
>mile
>:>down the road it works fine. I suspect a high-gain antenna might do the
>:>trick. Any suggestions on which ones to consider?
>
>:I suspect a *high* antenna is what you need, one that will clear;
>:the obstruction that's blocking your signal at home but not 1 mile
>:down the road. Get a topo map, find the ridge, and figure out how
>:high an antenna will need to be at your house to clear the first
>:Fresnel zone. That'll fix you right up. Even a legal limit amplifier
>:and high gain antenna won't burn through the dirt and rock of the
>:blocking ridge, but a high antenna will give you line of sight so
>:your peanut whistle will be full quieting into the repeater.
>
>Original poster (AA1MI) responds:
>Well, if it weren't for the fact that I'm on the NH seacoast, which is
>*very* flat and with almost no multistory buildings around, I might be
>tempted to try that trick. But I'm not sure how much it'll buy me.

Ok, there has to be a reason why you are full quieting at one location,
and totally out of the machine only a mile away. Free space signal strength
just doesn't drop off that rapidly. For some reason, you have to be out of
line of sight at the second location to get that much signal attenuation.
The first assumption is that would be because of natural terrain blockage.
If that's not the case, then it has to be manmade blockage, or it could
be that you've simply finally gone over the radio horizon from the repeater.
In any of those cases, height will solve the problem, antenna gain alone
probably will not. I'll stand by my advice to get a topo map and find out
why you aren't getting normal free space response at the second location.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2838. CQ Magazine on National Show!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 15:29:28 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.355.00087DFA@indirect.com>
Source record: 251300

Rich Moseson, NW2L, will be the featured guest on this Sunday's Ham
Radio & More Show, 3/12/95. Rich will discuss CQ's participation in the
Young Ham of the Year Award, CQ's 50th anniversary, their great award
winning group of videos, and much more, along with answering listener
calls. Prizes will be awarded, so be sure to listen.
New stations coming on line are in New Mexico, Louisana, Arkansas,
Texas, West Virginia, and 2 others.
Listen to your local Talk America Network station or on satellite on
Spacenet 3, transponder 9, 6.8 audio, every Sunday at 6:00pm EST.
Check out our home page courtesy of the Boston Amateur Radio Club at:
http://www.acs.oakland.edu/barc/ham-more.html
More info is available at 602-241-1510.
73, Len, KB7LPW

2839. Re: Amateur bands for RC models ?...Been there, done that

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 15:55:28 UTC
From: fiz@lamar.colostate.edu
Message-ID: <3jfb9g$b1r@yuma.ACNS.ColoState.EDU>
Source record: 251301

In article <3j70gp$bpm@gamma.norand.com>, bassettc@norand.com (Chuck Bassett) says:
>
>
>Greetings Y'all
>
> I have a student in the Novice/Tech class Im teaching that wishes to
>use ATV to transmit from a RC model plane so they can get a cockpit view
>from the ground. This sounds like a one way transmission.
>

Hi,

I'm not sure of the legality of this, but then I'm not sure of anything...
However, I also fly RC airplanes and once had 2 friends (Hams) who
mounted a camera on a large Bipe...They used a standard FM
RC radio to fly the plane and flew it visually, not from the video...If I
remember correctly, they used one of those cheapo transmitters
sold to send VCR from room to room in a house as the video
transmitter (I've recently seen them for sale at places like K-Mart and
Walmart, called a 'Rabbit'?)...They had a generator sitting outside their
van and were video taping the flights on a VCR inside the van...It was
great...Touch & goes, loops, wing overs, etc...Then they got just a little
too low on a low pass and drove the plane into the ground...Splat...They got
it all on tape...

ttfn 73 fiz (KB0PRE)

2840. SSTV via SoundBlaster?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 16:08:18 UTC
From: tja@netcom.com
Message-ID: <tjaD510tu.Gwl@netcom.com>
Source record: 251303

I remember seeing something about receiving SSTV thru your SoundBlaster Card.
At the time I did not have a multimedia package. Now I have one cand
can't find the article. Can anyone tell me where to finf info and/or
software on this...?

Thanks in advance.
Tom WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

2841. Re: Sorry, some people can't learn code by being beeped at.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 16:15:46 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar6.161546.14556@ke4zv.atl.ga.us>
Source record: 251215

In article <1995Mar5.043405.14678@gsm001.mendelson.com> gsmlrn@gsm001.mendelson.com (Geoffrey S. Mendelson) writes:

>
>Sorry guys, while most people can learn code by being beeped at, some
>cannot. I tried for almost 30 years to learn code by many methods,
>including:
>
>Listening to w1aw.
>Listening to QSO's.
>Memorizing the letters, etc.
>Hypnosis tapes.
>Practicing sending (including taking a practice set on the train to work).
>High speed tapes (ala KB6MT)
>Low speed tapes (ala arrl, gordon west, etc).
>Computer programs (several).
>
>Finaly I found a course called "Code Quick". This course uses a different
>method of teaching you to recognize code. I received the course mid April,
>and passed the 5 wpm in July and the 13wpm in October.
>
>Using code quick taught me the code, but it did not make me a instant
>code copier. I was able to pass the 13 wpm test only with lots
>of hard work.
>
>I would highly recommend the course to anyone who wants to learn code.

Code Quick is good for some people, Geoff, but don't fall into the trap of others on here who think that one method will fit all. I know some people who, like you, benefited from the Code Quick method, but I also know others who found it to be no help. The same cognitive strategy won't necessarily work for everyone.

The clear point of all this is that different people need different learning strategies to succeed. Most, but by no means all, people can learn to decode Morse by one method or another well enough to meet the minimum exam requirements. It's important for people having difficulty with Code to understand that the methods that work for others may not work for them. They have to keep an open mind and look at several different strategies until they find the one that fits their own cognitive style.

Most of all, people having difficulty with Code should not let those smart-alecks who say, "I did it in two weeks you lazy so and so. You're just not trying.", get them down. I know all too well that sort of crap is not true, and I expect you do too. Even after you find a learning

method that is workable for you, it can still take a large amount of effort and time to get to even the minimum copy speed.

You progressed faster than I did. I got the initial 5 WPM in about 6 weeks, but it took me an additional 13 months of 2 to 3 hours a day practice (a large chunk of that on air in the Novice bands) to get to 13 WPM. I was a young kid of 13 with time to burn. There's no way I could justify spending that amount of time today. However, today I know about several alternative learning strategies, and one of those could well have cut that time down to a reasonable figure. If not, I could still enter via the code test free Technician route.

I once met a fellow who could add a column of telephone numbers in his head as fast as I could read them to him. He could have thought I was lazy for having to use a calculator to check his results, but he was smart enough to realize he had a special gift not shared by everyone, and didn't gloat like certain smart-alects on this list do. Instead he was genuinely helpful and showed me several tricks I could work on the calculator to speed up my arithmetic.

There's a lesson there for those too quick to lay the charge of "lazy" against those who do not share their savant talent for being a human modem.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2842. 3A0X Slim ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 16:24:19 UTC
From: wstrahl@nwscb.nw.att.com
Message-ID: <D511KJ.M8o@ssbunews.ih.att.com>
Source record: 251275

Wayne Strahl - W9II wstrahl@nwsca.nw.att.com

2843. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 17:41:45 UTC
From: horak@convex.com
Message-ID: <3jfhgp$5ci@eugene.convex.com>
Source record: 251260

In <D4yJr0.HL9@world.std.com> jjmartin@world.std.com (James J Martin) writes:

>In article <3j7e4p$g1v@eugene.convex.com>,
>David Horak <horak@convex.com> wrote:
>>In <3j57ru$8l@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>>
>>>I've got an FT-530 but can't work the local repeater from my home; a mile
>>>down the road it works fine. I suspect a high-gain antenna might do the
>>>trick. Any suggestions on which ones to consider?
>>
>>The AEA Hot Rod is the best I've used. It makes a huge difference.

>Jez putting in my two cents. Not saying anything against the suggestion
>to use the HR-1 cuz it is a good antenna...but like any telescopic antenna
>it can be easily broken...

It may be easily broken (although I have two of the 2M and one for 440
and haven't broken them) since it is a telescopic, but it is probably
the best whip with the most gain that you can put on an HT, if it's gain
you need.

N5OFQ One Fine Quacker
David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2844. Opinions on N4UAU SCAF

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 17:51:27 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.794512287@melpar>
Source record: 251306

I am interested in receiving opinions re the N4UAU
switched-capacitor audio filter written up in the October,
1992 issue of QST. Specifically, how useful is it for
CW operation under crowded conditions, and for singling out
a weak signal among adjacent strong signals?

Also, Oak Hills Research sells a kit (SCF-1A) bsed on
the N4UAU design - any comments on the quality of the kit?

Please reply by *E-MAIL ONLY* to pbock@melpar.esys.com

73 DE K4MSG

2845. Callsign Analyzer, ver 1.1

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 18:37:09 UTC
From: jon@uci.uci.com
Message-ID: <3jfkol$8qg@uci.uci.com>
Source record: 251309

Major updates have been made to the callsign analyzer. Eastern Europe
should be up to date. Many updates for various island callsigns.
Many updates were added for Antarctic stations. More details are now
available for New Zealand callsigns.

Thanks to Jim Reisert, AD1C, for telling me of an ftp site with the latest
prefix information (site: maspar.maspar.com, directory: /pub/k2mm/ct-files/,
files: arrl.px and cqww.px). T

Thanks to Stephen McNeill, ZL4HG, for sending me information about
ZL callsigns.

--

An experimental mail reflector which identifies callsigns within a
message can be accessed by sending mail to callsign@uci.com. Your
message will be returned with the country of each callsign append
right after the callsign.

For example, if the message:

A32AAA DE PY3AAA K

is sent to callsign@uci.com, this message will be returned:

A32AAA[Tonga] DE PY3AAA[Rio Gran de do Sul Brazil] K

The format of the message is not important. If the body of the
message contains callsigns, the analyzer should find them.

Grid locator squares are also identified and translated to latitude and
longitude.

--

I would appreciate input in these areas:

1) Whether the oblast information for the former USSR is accurate.
I would like to hear from someone who is knowledgable in this area.

2) Location or other information that is reflected in a country's callsigns.
So far I have this information for Argentina, Brazil, Mexico New Zealand
and Sweden. Any others? I have some of this done for Canada, but there
are probably some holes that could fixed if someone would point them out
to me.

The source code is available via gopher at gopher.uci.com under the
"Software Sources" directory with the name "call_analyzer.tar <Bin>"

--
Jon.Harder@uci.com, ng0e

2846. 2M IC-2AT handheld for $170

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 19:09:30 UTC
From: ghoda@aurxcgaur.alcatel.com
Message-ID: <3jfmla$nm4@aurns1.aur.alcatel.com>
Source record: 251311

The ICOM comes with a 12V battery pack, charger and instructions.
I'll pay for shipping anywhere in the U.S.
give me a call at 1800-767-8147 ext: 3567 or E-mail to:

ghoda@aur.alcatel.com

Thanks.. KE4SLH

2847. Re: Info-Hams Digest V95 #139

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 19:23:18 UTC
From: s57gon@ljutcp.hamradio.si
Message-ID: <6747@ljutcp.hamradio.si>
Source record: 251255

PSE ONLY FR CTRL. FEEDBACK TO ADD. S57GON.S55TCP.HAMRADIO.SI
44.150.61.49
MNI TNX de MARKO!

2848. Re: Buffalo Callsign Server??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 19:32:12 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3jfnvs$8v2@gort.oit.umass.edu>
Source record: 251310

On 6 Mar 1995 14:54:46 GMT Ron Klein (ronklein@ix.netcom.com) wrote in
rec.radio.amateur.misc:
: I have been attempting to telnet to the buffalo callsign server with:

: callsign.cs.buffalo.edu:2000 as the address.

: I get a connected message, but nothing happens from there until the link
: times out. Are others having this problem or is my provider's software
: demonstrating a bug?

Some versions of telnet won't let you specify a port number for a
connection and will ignore one if you try to give it. You'll be
connected to the telnet server, which is not what you want in this
case. There isn't much you can do about it except try from a different
system.

The system where I noticed this was VAX VMS, there may be others. I
think from Unix systems the port option will always work.

--
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

2849. FCC Telephone Number

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 19:58:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <49f_9503072227@woodybbs.com>
Source record: 251222

RJP>Can someone e-mail me the 800 number for the FCC???

1-800-322-1117

That is for checking on recently-issued ham licenses.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2850. Re: Buffalo Callsign Server??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 20:06:26 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar6.120626.1@vax.sonoma.edu>
Source record: 251271

In article <3jfnvs$8v2@gort.oit.umass.edu>, aswNS@hamp.hampshire.edu (Albert S Woodhull) writes:
> On 6 Mar 1995 14:54:46 GMT Ron Klein (ronklein@ix.netcom.com) wrote in rec.radio.amateur.misc:
> : I have been attempting to telnet to the buffalo callsign server with:
>
> : callsign.cs.buffalo.edu:2000 as the address.
>
> : I get a connected message, but nothing happens from there until the link
> : times out. Are others having this problem or is my provider's software
> : demonstrating a bug?
>
> Some versions of telnet won't let you specify a port number for a
> connection and will ignore one if you try to give it. You'll be
> connected to the telnet server, which is not what you want in this
> case. There isn't much you can do about it except try from a different
> system.
>
> The system where I noticed this was VAX VMS, there may be others. I
> think from Unix systems the port option will always work.

Well, port addresses work fine for our VAX. I just don't use the ":" between edu and 2000. Just connected there a couple of minutes ago--

Ken
--
Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

2851. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 20:57:15 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3jfsvb$gk@hacgate2.hac.com>
Source record: 251312

In article 1ec@news.halcyon.com, gfiber@halcyon.com (Gary P. Fiber) writes:
>In article <3ivti0$ggt@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) says:
>>
>>Robert D. Calkins (wa7nuu@halcyon.com) wrote:
>>
>>: Unfortunately, some hams think that gives them carte blanche to modify
>>: their radios for out-of-band operation. That's both illegal and bad
>>: practice.
>>
>> Illegal? How? According to what section of part 97? Actually
>>operating out-of-band, except in an emergency, is illegal, but I haven't
>>seen any part of the rules that governs modifying amateur equipment in
>>this way.
>>
>> Generally, under American law, anything that isn't specifically
>>prohibited is legal. Where is this practice prohibited?

>Dan,

>EVERY Amateur radio receiver that operates above 30 MHz is subject to Part 15 rules.
^^^^^^^^
But modifying a radio (or even building one from scratch) isn't subject to
part 15 or part 97 or any other FCC rules. Only operating it is!
The only exception I know of has to do with power amplifiers that can
operate on or near the 11 meter band. (And even that rule is the wrong
solution to the problem, IMHO.)

>EVERY Amateur radio manufacturer submits his radio for Part 15 testing within a certain
>frequency range, and is then Type Accepted for receiving certain frequency range of
operation.

Ah, but selling a radio, especially as a commercial business, subjects you to
all kinds of rules that don't apply to someone tinkering in his garage. If a
manufacturer gave away instructions on how to modify their radio, then it could
be construed as their promoting the capability for the radio to operate in a
manner for which it was not tested. That doesn't mean it's illegal for you to
figure it out on your own.

>Many times even the wide receive modifications are not legal as the receiver has not been
tested
>in those frequency ranges, therefore would not pass FCC Part 15.

If I build a radio (or modify one) then when I operate it, I am responsible for
ensuring that it meets part 15 standards, but I am not required to get it
officially tested. If indeed the radio had excessive emissions, then operating
it could be illegal, but the fact that it hadn't been tested is not what would

make it so. And simply possessing it, even if it didn't meet part 15 would still be legal.

-Brian

2852. Chimney Mount Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 20:58:02 UTC
From: WWHITBY@lan.mcl.bdm.COM
Message-ID: <sf5b308b.020@lan.mcl.bdm.com>
Source record: 251257

I live in a rental house and I plan on attaching an antenna mast to my chimney. The chimney won't be used because of a poor draft, so I don't have to worry about soot coating the antenna. My big concern is grounding. All of the information I have on grounding refers to towers. Can someone let me know what would be the best way to ground the antenna and mast?

tnx in advance,

Warren Whitby
wwhitby@aol.com - home wwhitby@lan.mcl.bdm.com - work
73s de KE4ITL

2853. FT-51R Batery Eliminator

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 21:19:21 UTC
From: dkriss@moontower.com
Message-ID: <3jfu8p$mbn@beacon.moontower.com>
Source record: 251315

I purchased, and had to send back, the W&W battery eliminator for the FT-51R. The problem was it steps the voltage down from 12 or 13 volts to 8.0 volts. My understanding is the FT-51R needs 9.6 volts to generate full power.

Anyone know of a battery eliminator for the FT-51R that will provide 9.6 volts?

Dick, kd5vu

==
Richard (Dick) Kriss Personal: dkriss@moontower.com
904 Dartmoor Cove Amateur: kd5vu@kd5vu.ampr.org
Austin, Texas 78746 Work: kriss@austin.lockheed.com
512-327-9566 386-4153 Packet: KD5VU @ W5SYT.#AUS.TX.USA.NA
==

2854. Re: GB2ATG (March 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 22:10:21 UTC
From: bryant6634@aol.com
Message-ID: <3jg18d$8e4@newsbf02.news.aol.com>
Source record: 251321

Iain, would it not be more proper to post the times in UTC???

I'm in the U.S., and have no real clue as to what local time in the U.K.
is in relation to me.....

Bryan, N1LLK

2855. Re: K1man "hamgate"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 22:17:50 UTC
From: ozone@primenet.com
Message-ID: <ozone.351.26FD98C0@primenet.com>
Source record: 251243

In article <794505701.AA00631@hamlink.mn.org> k0hb@hamlink.mn.org (Hans Brakob) writes:

>He would expect you to leave, and if you did not he would likely have
>his mouthpiece issue a specious and ersatz felony criminal complaint!
>

He doesn't ask his mouthpiece to do it... he IS his mouthpiece. He is quite competent to issue a specious and ersatz felony criminal complaint all by himself.

John Moore NJ7E - mailto:ozone@primenet.com - http://www.primenet.com/~ozone/
...Politicians are like diapers: both need to be periodically changed for the same reason...

2856. ARLB021 Vanity call schedule

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 22:35:22 UTC
From: w1aw@arrl.org
Message-ID: <$arlb021.1995@ampr.org>
Source record: 251318
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB021
ARLB021 Vanity call schedule

ZCZC AG87
QST de W1AW
ARRL Bulletin 21 ARLB021
From ARRL Headquarters
Newington CT March 7, 1995
To all radio amateurs

SB QST ARL ARLB021
ARLB021 Vanity call schedule

Vanity call schedule

The Federal Communications Commission form necessary for applying for an Amateur Radio vanity call sign--Form 610-V--will not be available until after May 1.

Amateurs who call the FCC to request the form before then will not have their names recorded and it will be necessary for them to request the form again, when it is available.

Applications for amateur vanity call signs will not be accepted until after the forms are available, i.e., until sometime after May 1. The FCC will make a public announcement of the date of opening of the first ''gate'' for vanity call sign applications.

Beginning May 1, 1995, FCC Form 610-V may be requested by calling the FCC Forms Distribution Center at 800-418-3636. Or, send an SASE to ARRL-VEC anytime, for a form 610-V by return mail as soon as they are available after May 1. Write ''Form 610-V request'' on the outer envelope.
NNNN
/EX

2857. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 23:01:12 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <3jg47o$msd@orion.aoc.nrao.edu>
Source record: 251327

Yes, unfortunately, this happens.

This kind of behavior, though, is exactly why, even though I moved out of 1-land and upgraded to Extra, I kept my N1 call.

For your statistics, here's an Extra who started out as a no-code Tech. There are many of us.

Funny, I don't hear this kind of rude behavior on the Extra CW bands.

Dave, N1IRZ

2858. Re: Buffalo Callsign Server??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 23:33:25 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <794532805snz@microvst.demon.co.uk>
Source record: 251324

In article <3jf7nm$mbe@ixnews1.ix.netcom.com>
ronklein@ix.netcom.com "Ron Klein" writes:

> I have been attempting to telnet to the buffalo callsign server with:
>
> callsign.cs.buffalo.edu:2000 as the address.
>
> I get a connected message, but nothing happens from there until the link
> times out. Are others having this problem or is my provider's software
> demonstrating a bug?

Try with a space in place of the ":". Works with my ftp client software.

73.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2859. Mobile antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 23:35:01 UTC
From: js024b@uhura.cc.rochester.edu
Message-ID: <1995Mar6.233501.29984@galileo.cc.rochester.edu>
Source record: 251326

I am looking into putting an HT into my car and I am looking into a glass mounted antenna for 2m. Does anybody have any suggestions on which brand is the best and how much it should cost?

Thanks you.

--
Jonathan Schulman University of Rochester
js024b@uhura.cc.rochester.edu
KB2JNY - poor tech who still can't pass 13 WPM

2860. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 23:35:14 UTC
From: delaney@j51.com
Message-ID: <3jg67i$42e@tzlink.j51.com>
Source record: 251230

I really have the learning disability, I'm in special education.
And, I don't touch type, never could. I "hunt and peck" and do it about
twice as fast as I touch type. (In fact, my keyboarding teacher hated me
because I didn't touchtype.) I type very fast with "hunt-n-peck)

Matt, N2MDB

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <3itgk4$4am@tzlink.j51.com> delaney@j51.com (Richard Delaney) writes:
: >I'm a Tech. (been for 3 years) And during that time I've tried to "learn"
: >morse code. I have a learning disability that make hearing the code
: >strings very hard. I can actully learn the code and if I see it is not a
: >problem, but I can't distingush the strings of code. I know that a
: >sending test can be substuted for the standerd recieving test. I think
: >that would not be a problem for me. What do I need to do to get the
: >change to a sending test at a VE session. Do I just need to take a letter
: >from doctor to them, or do I send it to the FCC, or what? I would love to
: >be able to decode the code as I hear it, but I can't. Is there also a
: >testing mod that it can be reduced to more spacing between each letter?
: >The problem I have is that I can hear the code, but by the time I become
: >aware of what I heard, I've already missed the next character or two.
: >(Like if someone says something to me, I say "what?" and then a sec or
: >two later realise what they said to me) I think it might be Attention
: >Deficit Disorder. I have no trouble with the written exams (I passed the
: >tech 54/55), and I could easlly goto the extra class, it's just the code
: >that stops me, and it is really fustrating to not be able to do it.
: >ANY help would be extreamlly appricated.
: >73s de Matt N2MDB

: Matt, your problem may really be ADD, but I doubt it. The problem you
: describe is actually quite common, and results from attempting to learn
: the Code incorrectly. You're listening to the individual dots and dashes
: and trying to do a mental lookup table conversion. That will work for
: many people up to about 8 WPM, but not for everybody. In your case, it
: apparently won't even work at 5 WPM.

: You need to learn the Code a different way. You must condition the
: wetware to respond reflexively to the entire sound of a character as
: a unit. You can do that since you can recognize entire English spoken
: words, and those are even more complex sound units. It's not necessary
: that you associate meaning with the sounds, only that you recognize
: them and reflexively copy them down.

: Reflex copy only comes with drill. Try using a good drill program and
: copy automatically at the keyboard. Condition your fingers to automatically
: strike the correct key when you hear the sound unit of a letter. *Don't

: think about it*. Just do it. Your conscious mind is interfering with the
: copy process. You need to empty your mind, or occupy it with something
: else, while you copy so that it won't interfere with the process.

: You have to learn to copy Code the way you learned to touch type. It
: can't be a conscious process. The body must just *do*. If after 6 weeks
: of drill you still don't have it, then you may need to look at other
: options. If you really can't associate the sound units with letters,
: then you may need to mark the sounds down on paper and sight read them
: to answer the exam questions. Some VEs won't allow that, but the FCC
: examiners did and some VEs will, and it's a valid way of getting the
: information down on paper. It is the way Samuel Morse designed the
: Code to be used.

: You have to get that 5 WPM before you qualify for a waiver. So you're
: just going to have to figure out a method that works for you to do so.

: Gary
: --
: Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
: Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
: 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
: Lawrenceville, GA 30244 | |

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2861. IPS Daily Report - 06 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 23:39:28 UTC
From: rwc@ips.oz.au
Message-ID: <3jg6fg$mpk@flare.syd.ips.oz.au>
Source record: 251325
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 06/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 06 MARCH AND FORECAST FOR 07 MARCH - 09 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 05 Mar
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: NA
Daily Electron Fluence >2 MeV: NA
X-ray background: NA
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
07 Mar 08 Mar 09 Mar
Activity Low Low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 07 Mar: 84/26

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 05 Mar
Learmonth 5 2221 1211
Fredericksburg 8 16
Planetary 8 14

Observed Kp for 05 Mar: 4224 3332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
07 Mar 20 Active
08 Mar 12 Unsettled
09 Mar 12 Unsettled
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Active levels expected for today.
Field is then expected to be quiet-unsettled until 10 March when
active-minor storm levels are expected.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
06 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
07 Mar normal normal-fair normal-poor
08 Mar normal poor-fair poor-fair
09 Mar normal normal fair
COMMENT: HF conditions are expected to be initially good for today
then degrading.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
06 Mar 32 about 15% above predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
07 Mar 30 About 15% above predicted monthly values
08 Mar -10 About 15% below predicted monthly values
09 Mar 15 Near predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. MUFs at Townsville were enhanced
15% during daylight hours. MUFs at Hobart were near predicted monthly
values, with spread F observed during local night. HF comms are expected
to be good for the first half of the UT day today, then degrading during
local night for southern Australia region. Northern Australia region HF
communicators should continue to use T=15 for 8 March.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2862. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-06 23:43:10 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D51Lvz.BBC@news.hawaii.edu>
Source record: 251217

Worldwide, I still think Jordan's King Hussein has the very very best: JY1.
Not too many folks with 3 character calls.

Jeff NH6

2863. Re: W = worst ltr in the

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 00:17:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7575.545@acenet.com>
Source record: 251240

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

I used to live near G3UUR, buut over here it is never a problem,
because Americans do not say "double U" for UU nor for any other
pair of identical letters. They just say the whole thing for some
reason. Regards - AF4K, G3XLQ, promoting international understanding
as well as communication!

DS>Doug Mauldin (gdm@fermi.ualr.edu) wrote:

DS>: Come on down and we'll teach you how to save 33% on the pronunciation
DS>: of W. Most everybody down South says it in two syllables, something like
DS>: "dub-ya" or "dub-ye," at least in casual speech. I know one guy who
DS>: manages to elide all but the first syllable of W in his WB prefix,
DS>: which comes out "dub-bee".

DS> Nice!

DS> I'm surprised no-one's pointed out the built-in ambiguity of that
DS>letter

DS> Hears: "Gee three double-yoo wye"

DS> Writes: " G 3 U U Y ???????"
DS> Thinks "G3UUY G3WY ???? Duh?"

DS> Both are valid callsigns, although two letter G's were issued rather
DS>a long time ago, some have been handed down to younger relatives.

DS> Cheers
DS> David GM4ZNX

• SLMR 2.1a • Practice DELIBERATE kindness and unselfish acts of love!

2864. FET REPLACEMENT,B3016AMP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 00:22:38 UTC
From: BGA2%RdgrFlt%NAH@bangate.pge.COM
Message-ID: <bbe5+GbuKjb@go00.comp.pge.com>
Source record: 251262

I NEED TO FIND A REPLACEMENT FET FOR THE MIRAGE B3016 2 MTR AMP,THE
FACTORY WAS NOT HELPFULL AT ALL--"NO LONGER AVAIABLE"DID HAVE ANY SUGGESTIONS
ON WHERE TO LOOK.THERE PART # IS U309,ALSO J310.I THANK YOU FOR ANY HELP YOOU
MITE BE ABLE TO GIVE ME.ALEX KR6G
REPLY TO BGA2@PGE@COM

I ONLY SPEAK FOR ME

2865. HAMS AND MOUNTAINS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 00:35:15 UTC
From: wolfgang.scherer@ccxbbs.uunet.ve
Message-ID: <9503062035.0SX6N00@ccxbbs.uunet.ve>
Source record: 251227

I was reading the October 94 QST, and found the article "Backpacking, Troop 404 Style" pretty interesting. It makes account of the use of portable HF gear during a typical weekend hike.
But what caught my attention was the use of solar power to recharge the batteries for the HHT. I would like to know if anyone in the news group has had similar experiences with ham radio and mountain climbing, specially high mountain climbing (e.g. the Alpine range, the Andes, the Rockies, etc.). If so: what kind of gear was used ?, what about power, and weight? and so on. Any help would be gladly appreciated.

73's

Wolfgang J. Scherer
YV5NQZ

.. " Where there is a will, there is a way .... "
Reinhold Messner

-> Alice4Mac 2.4.4 E QWK Ser#2-222
Origin: E-mail: wolfgang.scherer@ccxbbs.uunet.ve

2866. Available 2x1 & 1x2 Extra Callsigns

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 01:08:44 UTC
From: bob@raddev.com
Message-ID: <3jgbms$ddt@caesar.ultra.net>
Source record: 251186

Using the DLL and programming examples that comes on the
QRZ! CDROM, I wrote a Windows program to find all available
1x2 and 2x1 callsigns (currently unassigned). If you would
like a listing of any district (0-9), then just send me a
SASE to Radio Devices address below.

If you would like all districts listings (after all you can
select a vanity call from any district regardless of your
address) then send me a 1.44MB 3.5" floppy in a mailer
with return postage.

If you would like my project listings (Visual Basic), then
send me a floppy in a mailer with return postage as above.

I am providing this free. I will not email the files due to
their size.

I have only written the code for 1x2 and 2x1 calls, sorry.
You can easily write your own with the DLL and sources
provided on the CDROM for 2x2, 2x3 etc.

Bob KD1GG

==
Radio Devices email for complete cdrom or Ham catalog
32 Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
Marlboro, MA 01752 Linux,OS/2, MAC,Windows,Unix, CICA,SIMTEL
(508)480-0502 KD1GG Ramsey Kits, Antennas West, Power Station
=================== Oak Hills Research QRP Kits,Anli Antennas
Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
==

2867. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 01:48:36 UTC
From: dfleming@earth.execpc.com
Message-ID: <3jge1k$fg3@homer.alpha.net>
Source record: 251192

Jeffrey Wittich (jwittich@b4pph107.bnr.ca) wrote:
: In article <3jbc56$bcg@newsbf02.news.aol.com>, tclements@aol.com (TClements) writes:
: |> But as a German, you should appreciate mine..
: |>
: |> Tom, W1ICH

: Hi Tom. Yep, thats a good one. Would go great with my
: last name, which is WITTICH.

: 73.
: Jeff - AC4ZO
: --
: **
: jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
: AC4ZO *** BNR claims they know nothing of my employment here.
: **

How about this one....

N3 UGLY OLD DOG....I'm keeping it anyway.

2868. Re: GB2ATG (March 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 01:56:25 UTC
From: dmunroe@vcd.hp.com
Message-ID: <D51s21.9LF@vcd.hp.com>
Source record: 251196

BryanT6634 <bryant6634@aol.com> wrote:

>Iain, would it not be more proper to post the times in UTC???
>
>I'm in the U.S., and have no real clue as to what local time in the U.K.
>is in relation to me.....

And, while you're at it, Iain, please post the frequencies in megacycles
per second instead of MHz.

-Dave

,--.
| / |
| Dave Munroe / Hewlett-Packard |
| dmunroe@vcd.hp.com / Vancouver, Washington |
| / |
`--'

2869. Re: New homepage for the Arizona Repeater Association

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 02:29:33 UTC
From: Jeremi Lee <eaeu817@aldebaran.oac.uci.edu>
Message-ID: <Pine.SUN.3.91.950306182857.24185B-100000@aldebaran.oac.uci.edu>
Source record: 251197

On Fri, 3 Mar 1995 barry@indirect.com wrote:

> The Arizona Repeater Association has just set up a homepage. You are all
> encouraged to make any comments that you would like. The url is
> http://www.indirect.com/www/ara/index.html.
>
> Any suggestions would be appreciated.
> Barry Rose
> K7YYM

Anybody knows if there is a California Repeater Association and if it
also has a Homepage?

Thanx..

JL

2870. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 02:52:17 UTC
From: richwood@commspec.uu.panix.com
Message-ID: <7782-208568501@commspec.uu.panix.com>
Source record: 251237

IS> I know a lot of engineers that got their no-code techs to build
IS>things, I think a required CW test would prevent many of them from getting
IS>the no-code in the first place.

Shawn,
CW serves a greater purpose. It gives a garbage collector an
opportunity to feel superior to a physicist.

Rich
KF2JO

--
Communication Specialties BBS
commspec.com
Electronic, artistic and written communications
(212) 645-8673

2871. Re: Programmer Wanted (Chicag

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 03:18:06 UTC
From: horrock@aol.com
Message-ID: <3jgj9e$do3@newsbf02.news.aol.com>
Source record: 251204

Subject: Programmer Wanted (Chicag
From: brian.parker@nohobbs.org (Brian Parker)
Date: Sat, 4 Mar 1995 00:37:00 GMT
Message-ID: <9503042252252530@nohobbs.org>

>>{From: robin@mcs.com (Robin Atkinson)
>>{I've got a job opening for a full-time computer programmer. Requires
UNIX
>>{experience. Informix-4gl experience a plus. This is a regular job, not
a
>>{consulting gig. Some travel required.

> So what does this have to do with HAM Radio??

It is giving a HAM RADIO OPERATOR a chance for good employment.
That way he/she can pay his bills to access this news group,
buy radios, feed the dog, dress the kids, make the spouse happy.

Loosen up a little Brain.

2872. Re: VE Procedures

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:00:36 UTC
From: jjmartin@world.std.com
Message-ID: <D51xt0.1rs@world.std.com>
Source record: 251210

In article <95030249695@alb.med.itc.com>,
Alan Braun <abraun@alb.med.itc.com> wrote:
>> James J Martin <jjmartin@world.std.com> writes:

NOT MY WORDS...Someone else's who "I" quoted...

>> My only gripe with the present system is that you may retake the exam
>> on the same day. When my brother took his exam last Saturday, he said
>> one woman had to take her no-code tech test twice. So I assume the VE's
>> can keep on giving you tests until you pass. Doesn't this defeat the
>> purpose of the test? Discussion anyone?
>>
>This is an issue on which the FCC and the VEC's give exam teams some
>flexibility. Our team (Jefferson City, MO - ARRL/VEC) will give a second
>test to someone who fails a test by one question, if we have time and if
>they're willing to pay a 2nd fee (I've never had one who wasn't). If they
>miss by more than one we will not retest them. If they fail a second time
>(and about half of them do), they're done for the night and I tell them to
>go study and come back next month.

Uhhhh, excuse me Dr. Braun but that was not my post. None of my brothers
ever took any amateur radio exams. I used to be a VE and now am not
because of employment. I have no problem with the number of times a
person takes an examination element so long as each exam is distinctly
different from any previous attempt. I attempted to tell that to the
person who wrote what you indicate me as saying.

Sorry...wasn't me and saying anything akin to what I actually said is
preaching to the choir. hehehe

I am sure this is an honest error on your part. We need to be more
careful how we reply to the postings of others....I know...I speak from
experience. <|-(I've done it too.

73
Jim - WK1V
jjmartin@world.std.com

2873. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:01:02 UTC
From: abraun@alb.med.itc.com
Message-ID: <95030714462@alb.med.itc.com>
Source record: 251100

In Article <3j8rcf$g6@tzlink.j51.com>
delaney@j51.com (Richard Delaney) writes:

> : There are few disabilities that I can think of that would make it
> : impossible to copy above 5wpm. Very few. Blindness is not one.
(stuff deleted)
> I have tried it. My disability affects the string reconation (sp?) areas
> of my brain, making very hard, if not impossible to keep up with a string
> of chars. I can get the first one, and then the 3rd and 5th (GTI?),
> because my brain is trying to interpret what is heard/saw on the 1st, so

Funny, I've been practicing medicine for 15 years and have never heard of
the string reconation part of the brain.

Seriously, there _are_ some disabilities that interfere with a person's
ability to copy code to the extent that they couldn't pass a CW test;
however, most of those disabilities also significantly interfere with a
person's ability to pass a written test. I wrote a 10-page commentary on
this subject, dealing with a number of specific disease conditions, that I
submitted to the FCC when the disability exemptions were proposed, and some
of those comments were incorporated in their final "Report and Orders" on
the subject. Most of the stuff I see in these news group discussions has
lots of emotion but very little solid science to support it.

PS - I think I could still dig up those comments on a floppy disk
somewhere if anyone is interested in them.

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

2874. Re: New Haven, CT HamInfo wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:04:55 UTC
From: SCOTT DOUGLAS <sdoug@delphi.com>
Message-ID: <5k6ZFrX.sdoug@delphi.com>
Source record: 251234

sparks <hubbert@minerva.cis.yale.edu> writes:

>I'm new to the east coast and would like some info on repeaters, clubs,
>radio stores, etc for the New Haven area.

Yep, I'm new here too.
There's Barry in NYC...high prices, though. And mail order.

2875. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:07:09 UTC
From: maultsby@bga.com
Message-ID: <3jgm5d$sup@ghostwheel.bga.com>
Source record: 251229

In article <D50KJ7.6s3@hpqmoea.sqf.hp.com>,
David Stockton <dstock@hpqmdla.sqf.hp.com> wrote:

> I'm surprised no-one's pointed out the built-in ambiguity of that
>letter
>
> Hears: "Gee three double-yoo wye"
>
> Writes: " G 3 U U Y ???????"
>
> Thinks "G3UUY G3WY ???? Duh?"
>
> Both are valid callsigns, although two letter G's were issued rather
>a long time ago, some have been handed down to younger relatives.
>
> Cheers
> David GM4ZNX

Anyone who would attempt to say "double-you" when they mean the letter
"U" twice should not be on the air anyway... Not to mention, I don't
believe that would be a valid identification.

Of course, the radio announcer in me comes out in pronouncing the letters
correctly...

--

| John Maultsby (maultsby@bga.com) | Broadcasting live from Austin, TX |
| Amateur callsign: AB5WH (ex-KE4CLW) | Professional Night Owl |

2876. THANKS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:24:49 UTC
From: richard.hernandez@richcon.com
Message-ID: <9503070030517665@richcon.com>
Source record: 251245

Hey.
Thanks. I Asked a question about an S57 call that I contacted and was surprised to receive about a half dozen replies. I'm also green at this Internet stuff but seems that I might get hooked on this also. Thanks for the replies, very helpful.
See you folks around.
73's from KC4QBQ in Mechanicsville, VA

2877. Re: Amateur Radio Newsline #9

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:33:45 UTC
From: wday@dfw.net
Message-ID: <wday-0603952233450001@fw6.dfw.net>
Source record: 251235

>
>
> Hi Steve, any chance you could break these up into 3 or 4 messages
> so that I could read beyond the "Closed Circuit Advisory?"
> All of the rest gets chopped off by the local BBS I read Usenet
> Newsgroups on, because it is over 150 line sin length.
> Thanks - BC

Man, that would just screw things up for the thousands of us who don't
have that problem!

Why not bug the BBS sysop to get his BBS fixed? There's no shortage of
BBS software that will handle longer files!

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

2878. Re: W = worst ltr in the alphabet :-)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 04:57:07 UTC
From: zardoz@ornews.intel.com
Message-ID: <3jgp33$r0s@ornews.intel.com>
Source record: 251181

This is why I'm keeping my callsign for life or as long as its free,
whichever ends first. Since I quit Morris and went to SSB I've avoided a lot
of those nasty QSL cards with the associated nagging guilt of not replying
for lack of a postcard stamp. There is also the comfort it provides me in
knowing that I won't be ticketed some slight discrepancy.
For the record, its:

dub-yaaaaaah seven el-dee-vee

Invariably confused with W7LDB, WB7LDE, KA7LDT, and many other variations.

My call avoids 'extra syndrome', allowing me to talk to newbies on a
friendly level. It may also bring out the true character of a more senior
appliance operator when they confuse me with KA7LDV or something.

I chatted with WA7LZE on a Russian bird last nite. He was using Morris
but I answered with ducktalk in order to remain anonymous. The bird went
over the edge of the world before I could ask him why he would ever keep
such a call.

--
zardoz@ornews.intel.com WA7LDV Greetings and Hallucinations
I speak only for myself... I come in peace...

2879. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 05:07:46 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3jgpn2$h7k@crcnis3.unl.edu>
Source record: 251244

William Newkirk (wnewkirk@bb.iu.net) wrote:
: In article <6MAR95.01080055@sallie.wellesley.edu>,
: PETER Q. GEORGE <pgeorge@sallie.wellesley.edu> wrote:
: >Please, give these new amateurs a break. This elitist b-s has got to
: >stop, once and for all. I asked a friend of mine..."Hey, what is the matter
: >with having an "N1" callsign ?". Well, I soon found out...the hard way.
: >
: the only way to stop this would be to have a single license.
: (not such a bad idea..) with an HF endorsement (code test).
: for grins, go look up the guys that are complaining and find out their
: story in amateur radio...and then go dig up some other N1s that have
: far surpassed them in license class so you can be ready with a "so there".

(snip)

I think that this has less to do with license-class and more to do with the sad fact that there are a lot of self-centered, self-important jerks in the world. I would guess that ham radio has no more, and, sadly, no fewer than the general population. If there was a single license class and everyone had "generic" calls, these people would still find some other equally sad way to bolster their deficient egos. License class and call sign (and race, nationality, sex...) do not _cause_ this kind of bigotry.

I'm very happy that I don't see much of this kind of behavior in our region of the country, and I'm equally happy to spend most of my time operating CW where, for whatever reason, very little of this goes on.

My advice to anyone confronted with this attitude...turn the dial, walk away, find someone else to talk to. The majority of people and hams are decent, respectful, friendly people...it's just that the "others" stand out. Most don't care what your class is...and those who do simply don't count.

Greg WB0RTK

2880. Re: 3A0X Slim ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 05:12:27 UTC
From: w9sz@prairienet.org
Message-ID: <3jgpvr$s34@vixen.cso.uiuc.edu>
Source record: 251242

I certainly hope not! I worked him too...a new one on SSB for me!

Anyone else have info on him?

73, Zack W9SZ

2881. Yaesu FT-530 Tone scan? can't get to work

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 07:00:36 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <3jh0ak$gij@cronkite.ocis.temple.edu>
Source record: 251261

Anyone know how to get it to really work? I can get it to scan, but it is
not automatic like it says it is.. and the manual says something
about beeps and I don't get anything like what it says.

Thanks..

and also, the one I have won't recieve anything in the 800-940mhz
range.. any ideas on what's been changed on this newer model?
thanks..

2882. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 07:45:44 UTC
From: little@iamu.chi.dec.com
Message-ID: <3jh2v8$3b0@nntpd2.cxo.dec.com>
Source record: 251250
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3j8gns$40t@yrkpa.kias.com>, jlamar@yrkpa.kias.com (John LaMartina) writes:
|>You may be walking a fine line on Part 97.
|>- One way transmissions I don't beleive are allowed per Part 97.

This has been discuss at length in r.r.a.p. There is no one way communication taking place here over an amateur frequency. Each end has a WA4DSY modem and would be transmitting.

|>- If you are receiving signals in return, they must be from licenced
|> amateurs for that band (ie. packet)

Again, the message content is third party traffic. The two ends of the link can both be controlled by a single operator. If he reads e-mail message sent from someone on a system somewhere on the Internet, the e-mail is third party traffic and the communication is still amateur station to amateur station. This is how NTS traffic is handled on the packet networks today. In his proposed system, he would be the first and second parties, and the originator of the e-mail would be the third party.

|>- Only conducting 5% business is like being a 'little bit pregnant'

This is the only problem with his proposed link.

|>- The UHF link is being used to evade ISDN phone line charges.

So what? That stipulation was removed from Part 97 some time ago.

Please state the Part 97 paragraphs that points 1,2, and 4 violate?

73,
Todd
N9MWB

2883. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 08:17:35 UTC
From: matthewa@icebox.iceonline.com
Message-ID: <D529qw.Gt2@iceonline.com>
Source record: 251064

>You may be walking a fine line on Part 97.
>- One way transmissions I don't beleive are allowed per Part 97.

Who says it would have to be one way? It could easily be full duplex.

>- If you are receiving signals in return, they must be from licenced
> amateurs for that band (ie. packet)

Not so. Autopatches are a prime example. When you make an autopath, the person on the phone end doesn't necessarily have to be a ham. They take on the repeaters callsign instead. You could imbed an IDer into it, or somehow integrate a CW id'er into both transmissions.

>- Only conducting 5% business is like being a 'little bit pregnant'

Oh yeah, I agree with that one..

>- The UHF link is being used to evade ISDN phone line charges.

Autopatches are used to evade Cellular, and after all, this is a hobby where we are allowed to experiment, right? Why shouldn't we set something like that up. We have several 1200 and 9600 internet connections up here, but it's just way to slow.

It really is a matter of getting the bandwidth to use.

--
Matthew Asham, VE7CQJ -= Team OS/2 =-
Internet: matthewa@iceonline.com
URL: http://www.iceonline.com/home/matthewa/WWW/matthewa.html
"Windoze95 - Microsoft's *NEW* 32bit virus, that requires DOS"

2884. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 09:28:57 UTC
From: randolph@est.enet.dec.com
Message-ID: <3jhr6f$7ch@mrnews.mro.dec.com>
Source record: 251268

In article <6MAR95.01080055@sallie.wellesley.edu>, pgeorge@sallie.wellesley.edu (PETER Q. GEORGE) writes...
>There seems to be a new craze of putting down amateurs who have "N1" in the
>front of their callsign. "N1" is usually the prefix that denotes at Tech.
>or General Class Licensee. I was listening to a local repeater and was just
>amazed of how much "No-Code" bashing is happening.
>Peter Q. George (N1GGP) ex. KA1NHJ

Well, that shows you what kind of hams they are...
The no-code license didn't even exist until somewhere in the N1Jxx range.

No problem with the no-code newbies here. Many of them are better VHF operators than many of the old timers in my area. It's not uncommon around here for someone with an obvious, um, "aged", voice to break in with an obnoxious comment, key over someone else, no ID, won't answer when challanged, etc. etc.

Besides all that, it seems to me that the VAST majority of no-code techs just want to get on packet, anyway, and are never heard on the air (can you tell I'm not really into packet?)

-Tom R. N1OOQ (/AE as of Saturday) randolph@est.enet.dec.com

2885. Re: March is Red Cross month; March 11 is Disaster Drill Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 13:28:16 UTC
From: swick@huey.x.org
Message-ID: <3jhn1g$72o@public.x.org>
Source record: 251219

dbushong@wang.com (Dave Bushong) asks:

Are hams involved in this?

The Montachusett Amateur Radio Association is joining with the North Worcester County Red Cross in a public display and "disaster awareness day" exhibit at Searstown Mall in Leominster, MA from 1pm to 4pm that afternoon. We hope to show an operating 3-position station w/HF, UHF/VHF voice and VHF data (9600 baud) supplemented with a videotape. All (including computers, TV, and desk lamps) running on 12v battery power from within the mall building.

We'd love to have you come eye-ball us, Dave!

73 de Ralph, kd1sm
kd1sm@x.org Internet
kd1sm@iii.net Internet
kd1sm@kd1sm.ampr.org AMPRnet
kd1sm@k1ugm.#ema.ma.usa AX.25

2886. Considering a Surge Protector?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 13:50:59 UTC
From: lydiapolk@aol.com
Message-ID: <3jhoc3$uo@newsbf02.news.aol.com>
Source record: 251223

I wrote a paper on surge protector design flaws that the manufacturers would rather you not know about. If you'd like a copy, just email LydiaPolk@aol.com and mention the word surge. I'll email it to you.

2887. Re: No Code Rules!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 14:17:43 UTC
From: wjturner@iastate.edu
Message-ID: <3jhpu7$slh@news.iastate.edu>
Source record: 251265

In article <7782-208568501@commspec.uu.panix.com>,
<richwood@commspec.uu.panix.com> wrote:
>Shawn,
> CW serves a greater purpose. It gives a garbage collector an
>opportunity to feel superior to a physicist.

Wait a minute! I'm a physicist (sort of) and I *love* CW. :-)
All the physicist-hams I know (personally that is) do...

2888. Hi

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 14:24:35 UTC
From: EISTM@CWEMAIL.ceco.com
Message-ID: <CWE1CCM.EISTM.470522080095066FCWE1CCM@CWEMAIL>
Source record: 251264

Hello Amateur Radio Gurus :

I need some information about the Technician Class
Amateur Radio privileges.

1. What is the average maximum distance you can Tx/Rx for this class ?
2. Is the propogation skywave/ground wave ?
3. What are the most popular equipments (ICOM, YAESU etc) both
handheld and stationery for this class ?

I would very much appreciate any information.
Thanx a lot

(I dont have direct access to usenet news group - if possible
please post any replies directly to me - Thanx)

73s

/\/\/\

2889. Re: Amateur bands for RC models ?...Been there, done that

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 14:30:21 UTC
From: dtiller@rmc.edu
Message-ID: <3jhqlt$mv1@gnd0.rmc.edu>
Source record: 251226

fiz (fiz@lamar.colostate.edu) wrote:
: In article <3j70gp$bpm@gamma.norand.com>, bassettc@norand.com (Chuck Bassett) says:
: >
: >
: >Greetings Y'all
: >
: > I have a student in the Novice/Tech class Im teaching that wishes to
: >use ATV to transmit from a RC model plane so they can get a cockpit view
: >from the ground. This sounds like a one way transmission.
: >

: Hi,

: I'm not sure of the legality of this, but then I'm not sure of anything...

Not a one-way transmission. Two licensed ham stations are involved - the transmitter, the aircraft that ID's with your call, and the receiver, you on the ground. The intended receiver of the signal is a ham station, not the general public.

By the previous posters logic a remote receiver for a repeater is a one way transmission.

--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

2890. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 14:33:50 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3jhqse$s8r@hacgate2.hac.com>
Source record: 251267

In article 6970@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <D4x6x4.20B@world.std.com> drt@world.std.com (David R Tucker) writes:
>>Of course you know that the rules also say that no provision of part
>>97 prevents the use of any means needed to get help in an emergency.
>>(97.405)

Actually, it says "No provision of these rules..." It does not specify
whether "these rules" means part 97, or all of Title 47 of the CFR, or
only the subparagraphs of 97.405.

>Yes. It waives any Part 97 penalties for such activity. It does not
>*authorize* activities contrary to other parts of the rules, or
>contrary to other laws that may apply. Amateurs are interpreting
>this rule section incorrectly when they assume it means a pro-active
>authorization to operate anywhere in an emergency. It only waives
>Part 97 penalties for operations that would otherwise be violations
>under Part 97, such as running excessive power for example.

That's your interpretation. And your statement that differing
interpretations are wrong is an opinion.

>>If there's any provision of the rules that says an amateur station
>>must stay within amateur bands during a dire emergency that isn't
>>"escaped out" by 97.111 and 97.405, I wish someone would point it out.
>
>As noted above, Part 97 regulations only apply to Part 97 operations.
>If you aren't operating under Part 97, then Part 97 rules don't apply.

I've said this before: Part 97 is just that - part of a larger body of rules.
Why can't the phrase "these rules" in 97.405 refer to all of Title 47 of the
CFR?
It would be rediculous to say that 97.405 only applies to the subparagraphs
of 97.405, so why do you say that part 97 regulations only apply to part 97?

>Once you move off of Part 97 authorized frequencies, you are no longer
>operating under Part 97, and Part 97 rules do not apply.

Ah, but by one interpretation of 97.403 and 97.405, those frequencies *are*
allowed during these exceptional circumstances, and under these circumstances
they *are* part 97 authorized frequencies, so part 97 does apply. (How's
that for some circular reasoning!)

Now the wrong judge and a bad lawyer may cause you some grief with this
interpretation, but it's not as cut and dried as you are saying, Gary.

-Brian

2891. Re: FET REPLACEMENT,B3016AMP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 14:40:50 UTC
From: w9sz@prairienet.org
Message-ID: <3jhr9i$1b0@vixen.cso.uiuc.edu>
Source record: 251266

> I NEED TO FIND A REPLACEMENT FET FOR THE MIRAGE B3016 2 MTR AMP,THE
>FACTORY WAS NOT HELPFULL AT ALL--"NO LONGER AVAIABLE"DID HAVE ANY SUGGESTIONS
>ON WHERE TO LOOK.THERE PART # IS U309,ALSO J310.I THANK YOU FOR ANY HELP YOOU
>MITE BE ABLE TO GIVE ME.ALEX KR6G
>REPLY TO BGA2@PGE@COM
>
>I ONLY SPEAK FOR ME
>

Hi Alex,
RF PARTS has the U309 (I just bought 5 of them!) and J310. Here's
their address:

RF PARTS
435 South Pacific St
San Marcos CA 92069
ph. 1-800-737-2787 (orders)
1-619-744-0750 (technical)

This is an excellent outfit and I have been doing business with them for
years. There are quite a few hams that work there; they have an exhibit
at Dayton each year.

In my latest catalog from them, the J310 is 95 cents and the U309 is 3.95.

Give them a call and they will send a free catalog.

73, Zack W9SZ

2892. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 14:42:03 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3jhrbr$s8r@hacgate2.hac.com>
Source record: 251224

In article 1I1@news.hawaii.edu, jeffrey@math.hawaii.edu writes:
>My point was that the law says to make sure no other means are
>available. Surely you must do what you have to but if there *was*
>an amateur repeater available or a pay phone across the street, then
>don't whine if you get your HT yanked.

Note that while 97.403 has this provision, 97.405 does not. So if
the party in distress is yourself or another radio station, you do
not have to first try the pay phone across the street.

>Now don't get mad at me. Get mad at the sheriff/fcc/judge/whomever
>who asks you to give up your HT for xmt'g out-of-band.
>
>I guess the HF folks should modify their xcvrs to enable them to QSO
>with the Marine Corps/Army/Air Force/Coast Guard/Navy just in case
>of an emergency. (``Air Force One this is NH6IL...'')

Not always a good idea, but not illegal either.
(In general, the correlation between "smart" and "legal" is tenuous at best.)

-Brian

2893. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 15:00:58 UTC
From: horak@convex.com
Message-ID: <3jhsfa$lae@eugene.convex.com>
Source record: 251225

In <1995Mar6.151157.14253@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <3jb59r$9p1@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>>:>I've got an FT-530 but can't work the local repeater from my home; a mile
>>:>down the road it works fine. I suspect a high-gain antenna might do the
>>:>trick. Any suggestions on which ones to consider?

>In any of those cases, height will solve the problem, antenna gain alone
>probably will not. I'll stand by my advice to get a topo map and find out
>why you aren't getting normal free space response at the second location.

The original poster asked about a a high-gain antenna for his
portable. A good antenna on his roof would most likely be the best
solution but if he doesn't want to spend the extra cash and likes
portability, I still think the AEA is the way to go. I disagree that
"antenna gain alone probably will not" solve the problem, especially if
he hits the repeater just fine a mile away. From inside my apartment,
I can't hit our local repeater with my rubber duck but my AEA Hot Rod
OR my discone (mounted on my second floor ceiling) works just fine.

N5OFQ
David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2894. Re: Novice questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 15:07:58 UTC
From: zlau@arrl.org
Message-ID: <1995Mar7.150758.16697@arrl.org>
Source record: 251030

Jon Badger in MN (jbadger@poplar110.cray.com) wrote:
: Originator: jbadger@poplar110

: For some time now I've enjoyed listening on an old sony sw receiver I have
: and on my scanner (mostly 2m/70cm). I've finally decided to go for my novice
: and tech licenses (yes, I plan to learn code AND use it). I've got some first
: radio questions for the experienced hams out there.

: Bill Welsh W6DDB said in CQ (Mar. 95), "Tranceivers are primarily designed to
: provide mobile voice communications; they are not primarily designed to provide
: code (A1A radiotelegraphy) communication capability." I can understand why he
: says this after reading his explanation of VOX controls when using CW but He
: goes on to say that most transceivers are never mounted in a vehicle.

: Well, I'm confused! What is a beginner to do if he's interested in DX on both
: CW and voice?

A number of people do operate mobile CW. BUt Bill is right, most radios
aren't mounted in vehicles, just as most sport utility vehicles never
travel on muddy dirt roads. But, like those vehicles, most can actually
be used for mobile service without doing anything special.

: 1. It looks like the most affordable (new) pre-fab equipment is 2m and dual-band
: HT's but 2m seems rather limited to me. Isn't 2m mostly local, short-range comm
: thru local repeaters? (I have heard locals trying DX when conditions permit,
: mostly late at night)

Actually, if you run 100 watts to a beam in a nice spot and run SSB/CW,
a range of a few hundred miles isn't unusual. With a good opening, ranges
of 700 miles or even more isn't unusual.

: 2. Would it be wise to start out with a full coverage rig (160-10 meter, new
: or used) or something simpler. I'm willing and capable of trying my hand at
: building some of my equipment but don't know what the investment in test
: equipment would be(?).

Building your rig is great for learning about electronics. If money is
scarce, the way to go is a used rig. Most homebrew gear has little
resale value.
:
: 3. What about VHF/UHV operation with transverters? Are these still used?

Yes, Down East Microwave and SSB Electronics still make them.

: 4. What about 6 meter operation? I've noticed that several manufacturers are

6 meters is a fun band when its open. Boring when its not.
Unfortunately, its closed a lot and predicting openings is difficult.

: offering 160-10+6m equipment lately.
:
: 5. What about o/p power? Does lower freqs neccessarily mean higher power
: requirements?

No. The desired reliability determines the power required. On 7 to 28 MHz, you can work 1000s of miles with a few milliwatts, if you are extremely patient. On 160 meters, the band is noisier and antennas are generally worse, so you may need as much as 1/3 watt to work that 1500 mile path.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

2895. Hams with 2m in Honda Accord?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 15:26:44 UTC
From: hg@n2wx.mpcs.COM
Message-ID: <199503071526.KAA00671@penny.n2wx.ampr.org>
Source record: 251269

I wish to correspond with amateurs who have sucessfully installed 2m equpiment in a Honda Accord for advice and comments. Please reply via email.

Howie N2WX
hg@n2wx.mpcs.com

2896. Re: GB2ATG (March 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 15:27:41 UTC
From: lewis@kodak.com
Message-ID: <lewis-070395102742@150.221.67.113>
Source record: 251028

In article <3jg18d$8e4@newsbf02.news.aol.com>, bryant6634@aol.com
(BryanT6634) wrote:

> Iain, would it not be more proper to post the times in UTC???
>
> I'm in the U.S., and have no real clue as to what local time in the U.K.
> is in relation to me.....

The last time I checked, except during the summer, BST = UTC = GMT

> Bryan, N1LLK

--
Ken Lewis
==========
Eastman Kodak Company - IS&BP RF: N2LCI
343 State Street Internet: lewis@kodak.com
Rochester NY 14650-0724 Phone: 1-716-781-9443
==========

2897. RE: BAYCOM CHIP? WHERE?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 15:46:08 UTC
From: goodwin@kaiwan009.kaiwan.com
Message-ID: <3jhv40$up@kaiwan009.kaiwan.com>
Source record: 251029

>: I am looking at putting together a small baycom modem. Does anyone
>: know of a source for the TCM 3105 IC? And also there is a crystal in
>: the circuit, I'll need a source for that also. TIA. 73

smasters>The TCM3105 can be obtained from JDR electronics. It'll run right
smasters>around $11.
smasters>The crystal that JDR sells is close, but may increase your error.
smasters>Digikey sells the exact one you need.

Better yet, order a Baycom kit from R & R Associates. You'll get the
TCM3105, the correct crystal, a diskette with software, plus a circuit
board and all on-board parts for only $20. I've built a mess of these
kits; they work very well. Ask for kit #94A.

R & R Associates
3106 Glendon Ave.
Los Angeles, CA 90034
(310) 474-1315

I have no association with the above company, other than being a satisfied
customer.

****

* Larry Goodwin KC6WOG * reply to... INTERNET: goodwin@kaiwan.com *
* 73 es gud DX * AX25 PACKET: kc6wog@wb6wfh#soca.ca.usa *
* --... ...-- * Better Living Through Sound Effects Editing *

****

MR/2 2.03 NR "Hello," the lawyer lied.

2898. Re: FET REPLACEMENT,B3016AMP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 15:56:44 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3jhvns$kur@abyss.West.Sun.COM>
Source record: 251143

In article GbuKjb@go00.comp.pge.com, BGA2%RdgrFlt%NAH@bangate.pge.COM writes:
> I NEED TO FIND A REPLACEMENT FET FOR THE MIRAGE B3016 2 MTR AMP,THE
>FACTORY WAS NOT HELPFULL AT ALL--"NO LONGER AVAIABLE"DID HAVE ANY SUGGESTIONS
>ON WHERE TO LOOK.THERE PART # IS U309,ALSO J310.I THANK YOU FOR ANY HELP YOOU
>MITE BE ABLE TO GIVE ME.ALEX KR6G
>REPLY TO BGA2@PGE@COM

I bought 50 of the Motorola J310s from Hamilton/Hallmark for $17.00
last year (i.e., $.34/ea). If the $50 minimum order doesn't stop you,
like you need to order some other kinds of parts, going to a
distributor can be a really good deal.

In small quantities, RF Parts in San Marcos, CA, is a good
source, though they want $1 for the J310.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

2899. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 16:12:49 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar7.161249.18771@ke4zv.atl.ga.us>
Source record: 251035

In article <3jg67i$42e@tzlink.j51.com> delaney@j51.com (Richard Delaney) writes:
>I really have the learning disability, I'm in special education.
>And, I don't touch type, never could. I "hunt and peck" and do it about
>twice as fast as I touch type. (In fact, my keyboarding teacher hated me
>because I didn't touchtype.) I type very fast with "hunt-n-peck)

You may find that reflex touch typing is different from regular touch
typing because the conscious mind is completely short circuited. You'll
have no idea what you've typed until you read the text later. There is no
cognitive delay involved with reflex action. It's worked for others with
ADD. At least give it a try, you might be surprised.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2900. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 16:25:44 UTC
From: terry@col.hp.com
Message-ID: <3ji1e8$fqh@nonews.col.hp.com>
Source record: 251270

Dan Fleming (dfleming@earth.execpc.com) wrote:

: How about this one....
:
: N3 UGLY OLD DOG....I'm keeping it anyway.

Nice Dan :-)

Mine is [WB0OMM] WB0 Old Mountain Man. Kinda fits livin' here in the Rocky Mountains :-) I would like to get WB0TWT, but I believe that is taken. Oh well, perhaps W0TWT :-) Take care.

73's
twthero

____
| | |
| twthero ----<|>---- terry@col.hp.com |
| de whiskey bravo zero oscar mike mike (WB0OMM) (old mountain man) |
| -.. . .-- -... ----- --- -- -- (after the WB, it's all DAH's!)|
|____|

2901. SAREX FAQ

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 16:36:13 UTC
From: rinderbitzen@arrl.org
Message-ID: <1995Mar7.163613.18678@arrl.org>
Source record: 251273
Cross-posted to: rec.radio.amateur.misc,sci.space.shuttle,local.amsat,rec.radio.amateur.space

Posted by:
Bob Inderbitzen, NQ1R
Assistant to the Manager
ARRL Educational Activities Department
rinderbi@arrl.org

SHUTTLE AMATEUR RADIO EXPERIMENT (SAREX) BULLETIN
JANUARY/FEBRUARY 1995

For More Information Contact:
American Radio Relay League (ARRL)
Educational Activities Department (EAD)
225 Main Street
Newington CT 06111-1494 USA
Telephone (203) 666-1541

FREQUENTLY ASKED QUESTIONS ABOUT SAREX-

WHAT IS SAREX?

With the help of Amateur Radio clubs and ham radio operators, astronauts have been speaking over the ham airwaves while in orbit. They are talking directly with large groups of the general public, showing teachers, students, parents and communities how Amateur Radio energizes youngsters about science, technology, and learning. The program is called SAREX, the Shuttle Amateur Radio EXperiment.

NASA's intent in making astronauts available for SAREX operations is to involve the largest possible numbers of people, particularly youngsters, in technology and the US space program with the help of Amateur Radio.

During a SAREX mission, the astronauts will typically make the following types of Amateur Radio contacts:
Scheduled radio contacts with schools.
Random contacts with the Amateur Radio community.
Personal contacts with the astronauts' families.

A handful of schools are selected from around the world to make contact with the shuttle during most SAREX missions. These contacts are prearranged, giving the schools a greater chance at making a successful contact. Two or more students at each of the selected schools ask questions of the astronauts during the contact. The nature of these contacts embodies the primary goal of SAREX--to excite students' interest in learning.

WHO SPONSORS SAREX?

The American Radio Relay League (ARRL), The Radio Amateur Satellite Corporation (AMSAT) and NASA sponsor these exciting experiments. AMSAT volunteers support all technical operations for SAREX, and mentor participating school groups. The ARRL provides the Amateur Radio community with SAREX information and educational support. The ARRL Educational Activities Department (EAD) and NASA Headquarters create and distribute SAREX lesson materials and resources for teachers. SAREX is supported by the Federal Communications Commission (FCC).

Hundreds of Amateur Radio operators work behind the scenes, including those from NASA's Amateur Radio clubs at the Johnson Space Center, Marshall Space Flight Center and Goddard Space Flight Center.

A SAREX Working Group was created to administer the program. The working group is comprised of Roy Neal, K6DUE -Chairman; Rosalie White, WA1STO -ARRL; Frank Bauer, KA3HDO -AMSAT; and Lou McFadin, W5DID -NASA Johnson Space Center.

I AM A SCHOOL TEACHER--HOW CAN I GET STARTED?

Schools wanting to make a scheduled SAREX contact with the astronauts are required to submit proposals and a SAREX school application to ARRL.

While only a handful of schools get chosen for scheduled contacts, all schools can participate by eavesdropping, or by trying to make a random contact with the shuttle astronauts. SAREX lesson materials are available from ARRL for all schools who participate. Imagine listening in on the astronauts from your classroom! If you are a school teacher, but you are unfamiliar with ham radio, you can still become a part of SAREX in your school. Contact the ARRL EAD to get a list of your local Amateur Radio clubs to assist you.

If you are a parent, grandparent and/or a ham radio operator, contact ARRL EAD and a local school. EAD will send you materials, including ways to convince teachers and school administrators that Amateur Radio is an important discipline the school should take advantage of on a full-time basis. This is a tremendous opportunity for you to showcase SAREX and Amateur Radio to kids of all ages in a big way.

HOW DO I SUBMIT A SAREX SCHOOL APPLICATION FOR A SCHEDULED CONTACT?

If your school is interested in a radio contact for a future SAREX mission, you must complete a SAREX school application and write an educational proposal. ARRL collects applications and proposals, and then forward them to the SAREX Working Group who makes the final selection in collaboration with the astronauts. All grade levels and type of schools (rural, suburban and particularly urban) are encouraged to apply.

SAREX school applications are available by sending a business-sized self-addressed stamped envelope to ARRL, or email your request for an electronic version of the application to ead@arrl.org. Applications may be returned to ARRL by mail or email.

A proposal must accompany all completed applications. The SAREX Working Group and NASA want to know-
1) How will you:
a) integrate this activity into the school curriculum and

b) involve as many students as you can, participating through essay contests, poster drawing, letter writing, etc.
2) What are your capabilities for setting up all necessary Amateur Radio equipment and antennas? Do you have the resources of an experienced group of hams to assist you?
3) How will you get as much media coverage as possible?

HOW WILL I KNOW IF MY SCHOOL HAS BEEN SELECTED TO PARTICIPATE?

Schools that have been selected for scheduled SAREX contacts are contacted by a SAREX coordinator. NASA requires school selections to be made approximately seven months prior to launch. If a school is not chosen for the next SAREX mission, its application is recycled for future opportunities. Schools typically wait one year or longer to be selected.

I AM A HAM. HOW CAN I INTRODUCE SAREX TO MY SON OR DAUGHTER'S SCHOOL?

Establish a SAREX station at the school. Bring in a shortwave receiver and let students eavesdrop on amateur retransmissions of the NASA shuttle-to-mission control audio--from launch to landing. Then, set up a 2-meter satellite ground station and attempt a random SAREX contact from the classroom. The teacher may even apply for a school contact, almost guaranteeing that the students will have an opportunity to communicate with the shuttle crew during a future SAREX mission.

ARE THERE VIDEOS AVAILABLE ON SAREX?

The ARRL Educational Activities Department has videos available for school teachers to borrow. Use of the Audiovisual Library is free, the only cost being return shipping.

"Ham Radio In Space" is a 30-minute color video chronicling the participation of schools and hams in SAREX. You and your class will enjoy watching students talk to the astronauts via ham radio as they participate in this unique educational program. To borrow a copy of this video, mail a postcard with your request to ARRL EAD. Borrowers, please indicate the date you will need the video. Requests should be made at least one month in advance.

CAN A HAM MAKE AN UNSCHEDULED SAREX CONTACT?

Yes. The astronauts have not lost sight of why SAREX has been so successful. It is the Amateur Radio community that has brought the astronaut's voices into classrooms all around the world. During most SAREX missions, many of the crewmembers will make random contacts with earth-bound hams. They make these contacts during their breaks, before and after meal time, and during their pre-sleep time. In fact, over the past years the astronauts have contacted thousands of amateurs around the world. On many missions, they have even carried a 2-meter packet radio station. Innovative computer software allows the crew to operate the packet gear in an "unattended" mode, allowing amateurs to make contacts with the ROBOT station when the astronauts are working or sleeping.

WHAT TYPE OF EQUIPMENT DO I NEED?

A typical SAREX ground station includes a 2-meter FM transceiver and 25-100 watts of output power. A circularly polarized crossed-Yagi antenna capable of being pointed in both azimuth (N-S-E-W) and elevation (degrees above the horizon) is desirable, but successful contacts have even been made with verticals and groundplane antennas. Commercial and public domain computer tracking software is available to assist you in determining when the shuttle will be within range of your station and where to point your antenna. For more information on assembling your own satellite/SAREX station, obtain a copy of the "Satellite Experimenter's Handbook" from ARRL.

HOW DO I "TALK" TO THE ASTRONAUTS?

You may communicate with the shuttle astronauts using a variety of modes: voice, packet (computer) radio or television. It all depends on which equipment configuration the astronauts take into space. For example, astronauts Jay Apt and Mamoru Mohri made hundreds of random voice contacts with Amateur Radio operators during STS-47 in September 1992. When the astronauts were sleeping, however, a robot computer ham station aboard the orbiting Shuttle automatically made contact with hundreds more amateurs around the world. The robot computer transmitted an acknowledgment to each ham whose computer successfully made contact with it.

On other missions, the SAREX configuration has even included Amateur Radio Slow Scan Television (SSTV) and Fast Scan Television (FSTV) allowing amateurs a firsthand glimpse at life in space.

WHAT ARE THE SAREX RADIO FREQUENCIES?

The following VHF frequencies are used for SAREX missions. These frequencies were chosen after much deliberation to minimize contention between SAREX operations and other 2-meter users. If you have any comments, please direct them to AMSAT via Frank Bauer, KA3HDO (at his address in the "Radio Amateur Callbook") or the ARRL EAD. We appreciate the cooperation of all amateurs in making the SAREX operations successful.

Most SAREX operations are split-frequency (the crew uses separate receive and transmit frequencies). PLEASE do not transmit on the shuttle's DOWNLINK frequency. The DOWNLINK is your receiving frequency. The UPLINK is your transmitting frequency. For all operations, Earth stations should listen to the downlink frequency and transmit on the uplink frequency only when the shuttle is in range and the astronauts are on the air.

FM Voice Downlink: (Worldwide) 145.55 MHz
FM Voice Uplink: 144.91, 144.93, 144.95, 144.97, and 144.99 MHz
FM Voice Uplink: (Europe only) 144.70, 144.75, and 144.80 MHz
FM Packet Downlink: 145.55 MHz
FM Packet Uplink: 144.49 MHz

ARE ALL OF THE CONTACTS MADE BY THE ASTRONAUTS RANDOM?

During each SAREX mission, the astronauts' primary work schedules dictate when they can and cannot operate the radio equipment. As a result, most of the general contacts they make are random. If the astronauts are operating their radio, however, you can be certain that many hams will be attempting to contact

them.

WHAT ARE MY CHANCES OF MAKING A RANDOM SAREX CONTACT WITH THE CREW?

The extremely busy work schedules of the astronauts may sometimes reduce your chance for an unscheduled, random contact with the Shuttle. The SAREX Working Group recognizes the long-standing commitment of the Amateur Radio community in supporting SAREX activities and attempts to schedule as many opportunities as possible for general ham contacts during flights. Keep posted to Amateur Radio news sources during a SAREX mission for possible announcements of scheduled general QSO opportunities.

WHEN ARE THE NEXT SAREX SHUTTLE MISSIONS?

The next flights for SAREX are listed below. School applications are no longer being accepted for these missions. Schools who have been selected will be contacted by a SAREX coordinator. If your school was not chosen this time, applications are recycled and you may be chosen for a future flight. Contact ARRL EAD if your application information should change.

Upcoming SAREX Missions (updated 2/1/95):

The following dates are tentative. Please understand that delays in spacecraft launches are somewhat common particularly because there are people on-board!

Mission Date Inclination Crew/Title/Amateur Call Sign
Vehicle Time Altitude
*Notes Mission length Configuration
------- -------------- ------------ ----------------------------

STS-63 February 2, 1995 51.6 degrees James D. Wetherbee, CDR
Discovery 0550:44 UTC 195 miles Eileen M. Collins, PLT
8 days Config. M Bernard A. Harris, Jr., PL-CDR
C. Michael Foale, MS, KB5UAC
TENTATIVE Vladimir G. Titov, MS
RANDOM CONTACTS ONLY Janice Voss Ford, MS, KC5BTK

STS-67 March 2, 1995 28.45 degrees Stephen S. Oswald, CDR, KB5YSR
Endeavour 0637 UTC 218 miles William G. Gregory, PLT, KC5MGA
16 days Config. C Tamara E. Jernigan, PL-CDR, KC5MGF
John M. Grunsfeld, MS
Wendy B. Lawrence, MS, KC5KII
Ronald A. Parise, PS, WA4SIR
Samuel T. Durrance, PS, N3TQA

STS-71 May 24, 1995 51.6 degrees Robert L. Gibson, CDR
Atlantis 195 miles Charles J. Precourt, PLT, KB5YSQ
10 days Config. B Ellen S. Baker, MS, KB5SIX
Gregory J. Harbaugh, MS
Bonnie J. Dunbar, MS
Anatoly Yakovlevich Solovyev, MS
Nikolai Mikhailovich Budarin, MS

STS-70 June 22, 1995 28.45 degrees Terrence T. "Tom" Henricks, CDR
Discovery 184 miles Kevin R. Kregel, PLT
8 days Config. C Nancy Jane Sherlock, MS
Donald A. Thomas, MS, KC5FVF
Mary Ellen Weber, MS

STS-74 October 26, 1995 51.6 degrees Kenneth D. Cameron, CDR, KB5AWP
Atlantis 195 miles James Donald Halsell, Jr., PLT
6 days Jerry L. Ross, MS, N5SCW
William S. McArthur, Jr., MS, KC5ACR
Chris A. Hadfield, MS

Abbreviations: Commander=CDR
Pilot=PLT
Payload Commander=PL-CDR
Mission Specialist=MS
Payload Specialist=PS

Configuration A: FM Voice (attended)
Packet (attended/unattended)
SSTV (attended/unattended)
Configuration B: FM Voice
Configuration C: FM Voice, Packet
Configuration D: FM Voice, Packet, SSTV, FSTV
Configuration E: FM Voice, Packet, SSTV, FSTV (different hardware)
Configuration M: FM Voice, using shuttle/MIR radio

HOW CAN I USE MY SHORTWAVE RADIO TO EAVESDROP ON THE ASTRONAUTS?

When a shuttle mission carries the SAREX payload, SAREX news and astronaut retransmissions are carried by the Goddard Amateur Radio Club's station, WA3NAN, (Greenbelt, MD). This station, and several VHF and UHF repeater groups, will retransmit the audio signals from the shuttle on most amateur bands so that you and the students can hear the communications. You will hear NASA mission commentary, frequent bulletins to advise listeners of astronaut-planned transmissions, and amateur two-way voice and amateur television transmissions with the shuttle. WA3NAN operates on the high frequency (HF) bands at 3.86, 7.185, 14.295, 21.395, and 28.65 MHz and on VHF at 147.45 MHz (FM).

CAN I RETRANSMIT COMMUNICATIONS BETWEEN THE SPACE SHUTTLE AND MISSION CONTROL ON AMATEUR FREQUENCIES?

The FCC rules indicate that amateur stations are permitted to retransmit Space Shuttle air-to-ground communications, provided that approval has been obtained from NASA (FCC Rules, Part 97.113 (e)).

In 1990, ARRL sought permission from NASA, on behalf of radio amateurs, to retransmit shuttle communications. The response from NASA's Office of Public Affairs encouraged such retransmissions, and indicated that the audio is public domain.

If you plan to rebroadcast NASA Shuttle audio, please follow these guidelines:

1) In keeping with good amateur practice and the FCC rules, shuttle audio retransmissions should be limited to missions of a specific educational purpose (non-commercial), such as those carrying the SAREX payload.

2) Retransmissions should be done manually (with a control operator present).

3) Occasionally, NASA audio may contain music. Amateurs should avoid, if at all possible, retransmitting music or any other prohibited transmissions not permitted by the FCC rules (FCC Rules, Part 97.113).

HOW MAY I TRACK THE SHUTTLE WITH A COMPUTER?

A number of software packages are available for tracking the Shuttle on a personal computer. Here are just a few options (ARRL in no way warrants these products):

AMSAT Tracking Programs.
These easy to use programs are perfect for the serious Amateur Radio space enthusiast or beginner. Call AMSAT (The Radio Amateur Satellite Corporation) for current prices and details (301) 589-6062 or write to AMSAT, PO Box 27, Washington DC 20044.

STSPLUS (Shareware for IBM).
This software was designed by David Ransom Jr. The program allows the user to track an orbiting space shuttle or satellite. Excellent graphics and maps help to create a mock Mission Control Center. Look for STSPLUS and other tracking software posted on NASA Spacelink, bulletin board system (205) 895-0028.

OrbiTrack (MacIntosh).
Available from BEK Developers, PO Box 47114, St. Petersburg, FL 33743-7114. Includes a user's manual.

SatTrack (MacIntosh).
Available from Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

OrbiTrack and SatTrack are also available via FTP from sumex.stanford.edu. Look in info-mac/app for the programs sat-trak-102.hqx and orbitrack-214.hqx.

WHAT ARE KEPLERIAN ELEMENTS?

Satellite-tracking computer software use Keplerian elements (also known as "orbital" or "tracking" elements or "Keps") to pinpoint the location of a satellite (or shuttle) at any given time. The Keplerian elements provide the software with a snapshot of a satellite's orbital track, which the computer uses to calculate the future whereabouts of the satellite. Using such a computer tracking program allows an observer to determine when a satellite is to appear above his or her horizon.

Finding Keplerian Elements for the Space Shuttle:

During shuttle missions carrying SAREX, Keplerian elements for tracking the shuttles are available from numerous sources:

AMSAT SAREX bulletins, which include daily Keplerian element postings, are forwarded by W1AW (frequencies listed on the last page) on packet radio, Keplerian teleprinter bulletin schedules, and posted to the ARRL telephone

Bulletin Board System, (203) 666-0578.

The Goddard Amateur Radio Club, WA3NAN, maintains a Bulletin Board System (BBS) which is accessible via the Internet, modem and packet radio. The BBS carries Keplerian orbital elements updated daily, and daily SAREX bulletins and Space Shuttle mission information.
via Internet: wa3nan.gsfc.nasa.gov or 128.183.105.17
via telephone modem: (301) 286-4137
via packet radio: WA3NAN on 145.090 MHz in the DC area.

NASA maintains an electronic information system for educators called Spacelink. Spacelink carries SAREX information, current shuttle mission status reports and Keplerian elements.
via telephone modem: (205) 895-0028
via Internet: spacelink.msfc.nasa.gov or 128.158.13.250
Current shuttle mission tracking elements may be found in the following directory:
Spacelink.Hot.Topics/Current.Shuttle.Mission/Keplerian.Elements.

The Johnson Space Center Amateur Radio Club maintains a BBS with the latest element sets available during a shuttle flight.
via telephone modem: (713) 244-5625.

The most current orbital elements for SAREX and other Amateur Radio satellites are carried on the Celestial BBS.
via telephone modem: (205) 409-9280
Keplerian elements are updated daily, when possible. Documentation and tracking software are also available on this system.

The following are prelaunch Keplerian elements for STS-63:

STS-63
1 00063U 95033.30285722 .00033600 00000-0 25200-3 0 27
2 00063 51.6484 115.2937 0066401 4.0320 356.1183 16.01425383 25

Satellite: STS-63
Catalog number: 00063
Epoch time: 95033.30285722 = (02 FEB 95 07:16:06.86 UTC)
Element set: 002
Inclination: 51.6484 deg
RA of node: 115.2937 deg Space Shuttle Flight STS-63
Eccentricity: .0066401 Prelaunch element set JSC-002
Arg of perigee: 4.0320 deg Launch: 02 FEB 95 05:50:44 UTC
Mean anomaly: 356.1183 deg
Mean motion: 16.01425383 rev/day G. L. Carman
Decay rate: 3.3600e-04 rev/day^2 NASA Johnson Space Center
Epoch rev: 2
Checksum: 233

The following are prelaunch Keplerian elements for STS-67

STS-67
1 00067U 95061.32643015 .00011689 00000-0 86071-4 0 46

2 00067 28.4675 88.9985 0004519 287.7960 72.2100 15.71297841 21

Satellite: STS-67
Catalog number: 00067
Epoch time: 95061.32643015 = (02 MAR 95 07:50:03.56 UTC)
Element set: 004
Inclination: 28.4675 deg
RA of node: 88.9985 deg Space Shuttle Flight STS-67
Eccentricity: .0004519 Prelaunch element set JSC-004
Arg of perigee: 287.7960 deg Launch: 02 MAR 95 06:37 UTC
Mean anomaly: 72.2100 deg
Mean motion: 15.71297841 rev/day Gil Carman
Decay rate: 1.1689e-04 rev/day^2 NASA Johnson Space Center
Epoch rev: 2
Checksum: 304

NASA EDUCATIONAL RESOURCES

How do you find information on Shuttle schedules, payloads, space science and mission lesson plans? To make the most of your SAREX experience, NASA has a number of materials and resources available to educators:

Teacher Resource Center Network
Teacher Resource Centers (TRC) contain a wealth of information for educators: publications, reference books, slides, audio cassettes, videocassettes, telelecture programs, computer programs, lesson plans and activities. For more information, contact the TRC nearest you.

Teacher Resource Centers

NASA Ames Research Center, Moffett Field CA
Phone: (415) 604-3574

NASA Goddard Space Flight Center, Greenbelt MD
Phone: (301) 286-8570

NASA Johnson Space Center, Houston TX
Phone: (713) 483-8696

NASA Kennedy Space Center, Kennedy Space Center FL
Phone: (407) 867-4090

NASA Langley Research Center, Hampton VA
Phone: (804) 727-0900 x757

NASA Lewis Research Center, Cleveland OH
Phone: (216) 433-2017

Alabama Space and Rocket Center, Huntsville AL
Phone: (205) 544-5812

NASA John C. Stennis Space Center, Stennis Space Center MS
Phone:(601) 688-3338

Jet Propulsion Laboratory, Pasadena CA
Phone: (818) 354-6916

NASA Dryden Flight Research Facility, Edwards CA
Phone: (805) 258-3456

Wallops Flight Facility, Wallops Island VA
Phone: (804) 824-2297/2298

NASA Spacelink

NASA Spacelink is a computer information service that allows individuals to receive news about current NASA programs, activities, and other space-related information, including historical and astronaut data, lesson plans, classroom activities, and even entire publications. Although primarily intended as a resource for teachers, anyone with a personal computer and a modem can access the network.

Spacelink's telephone modem line is (205) 895-0028. Users need a computer, modem, communications software, and a long-distance telephone line to access Spacelink (the data word format is 8 bits, no parity, and 1 stop bit). Your software must emulate a VT-100 terminal.

The TCP/IP address is 192.149.89.61. The new system fully supports the following Internet services:
World Wide Web http://spacelink.msfc.nasa.gov
Gopher spacelink.msfc.nasa.gov
Anonymous FTP spacelink.msfc.nasa.gov
Telnet spacelink.msfc.nasa.gov

For more information, contact the Spacelink Administrator, NASA Marshall Space Flight Center, Mail Code CA21, Marshall Space Flight Center, AL 35812. For help with technical problems call the Spacelink Hot Line (205)961-1225.

NASA Television

NASA Television offers the general public a front-row seat at mission launches and activities taking place in space during a mission, as well as informational and educational programming, historical documentaries, and updates on the latest developments in aeronautics and space science. NASA TV occasionally airs live coverage of SAREX activities. Programming is received by satellite dish or may be available through your local cable television network:

TUNING-IN NASA TV
Satellite--Spacenet 2
Transponder--5
Channel--9
C Band
69 degrees west longitude
Frequency 3880.0 MHz
Horizontal polarization
Audio on 6.8 MHz

For more information, contact: Technology and Evaluation Branch, Education Division, Code FET, NASA Headquarters, Washington D.C. 20546, or call (202) 358-

1540.

HOW DO I OBTAIN A SAREX QSL CARD?

QSL cards are similar to postcards. Hams exchange QSL cards to confirm their radio contacts with other stations.

Participating in the Shuttle Amateur Radio EXperiment can be an exhilarating experience. But, as many hams know, waiting for that coveted QSL card requires a lot of patience. Designing a card for the ultimate DXpedition can be a lengthy process. Here's a behind-the- scenes glance at producing a SAREX QSL, and some tips to help you get your card.

After a SAREX mission, ARRL and the SAREX Working Group work with the crew members to select photos from that mission, and design and layout the QSL card. This may take a few months because of the busy schedule of the astronauts, among other things. Once the card is designed and printed, ARRL forwards the QSL cards to whichever Amateur Radio club is involved with the awesome task of managing the cards.

In the past, amateurs sent their contact and listener reports directly to the managing club. Now, all reports should be sent to ARRL Headquarters.

In order for the managing process to run smoothly, please include the following information in your QSL or report: Shuttle flight number (STS-XX), date, time in UTC, frequency and mode (FM voice, packet, sstv or fstv). This documents the contact or listener report. In addition, you must also include an SASE using a large, business-sized envelope if you wish to receive a card. No cards are distributed without the proper postage affixed or sufficient IRCs included.

The following clubs have graciously volunteered their service for handling QSL cards for the following missions:
STS-67 Edison Radio Amateurs Association, Michigan
STS-64 Nashua Area Radio Club, New Hampshire
STS-65 Lake County Amateur Radio Club, Indiana
STS-59 Orange Park Amateur Radio Club, Florida
STS-60 Cowley County Amateur Radio Club, Kansas
STS-58 Connecticut DX Association, Connecticut
STS-57 Miami County Amateur Radio Club, Ohio
STS-55 IBM Amateur Radio Club/1993, Florida
STS-56 Vienna Wireless Society, Virginia

SAREX RESOURCE LIST

SAREX Educational Support and Information:

American Radio Relay League (ARRL)
Educational Activities Department (EAD)
225 Main Street
Newington CT 06111-1494 USA
Telephone (203) 666-1541
FAX (203) 665-7531
MCI Mail ID: 215-5052

CompuServe ID: 70007,3373
Prodigy: PTYS2A
America Online: HQARRL1
Internet (USENET): ead@arrl.org
Internet e-mail server: info@arrl.org (valid commands include INDEX and HELP)
ARRL BBS: (203) 666-0578 open to the public (14,000/9600/2400/1200/300 N-8-1)
Anonymous FTP: oak.oakland.edu in the /pub3/hamradio/arrl directory

SAREX News and Bulletins:

ARRL's (Newington, CT) Amateur Radio station (call sign W1AW) transmits news bulletins (9:45 PM, 12:45 AM EST) on HF bands at 3.99, 7.29, 14.29, 18.16, 21.39, 28.59 and VHF at 147.555 MHz. W1AW bulletins are also forwarded on packet.

The AMSAT International Satellite Net on Tuesdays, 3.840 MHz, 0130Z to 0300Z, and on Sundays, 14.282 MHz, 1800Z to 2100Z, +/- QRM.

NASA Spacelink
BBS phone (205) 895-0028; Internet spacelink.msfc.nasa.gov

Goddard Amateur Radio Club
BBS phone (301) 286-4137; Internet wa3nan.gsfc.nasa.gov

Getting Started In Amateur Radio:

"You're Invited...Getting Started in Amateur Radio"--free information booklet. Provided as a service of the ARRL, this booklet includes information on your local Amateur Radio clubs, instructors and examination sites and popular study guides. Call our toll-free hotline for new hams: 1-800-32-NEW HAM (800-326-3942). Why not get started, today!

"Now You're Talking!" book (second edition) contains everything you need to know to pass your first Amateur Radio written exams. (ARRL order #3525 $19)

ARRL Technician Class Video Course. Learn the "ropes" with the "pros." You won't find a better course or a better deal anywhere. 5 hours of excitement. Call 1-800-326-3942 for details.

ARRL Books:

"The Satellite Experimenter's Handbook" has the information you need to communicate through, or receive signals from, a growing "fleet" of orbiting satellites and spacecraft--including the Shuttle! Whether your interest is in Amateur Radio, weather, TV-broadcast or other spacecraft, you'll find an immense store of valuable data--everything from setting up ground station equipment to antennas. (ARRL order #3185 $20)

"Your Packet Companion" is perfect for the packet (computer) radio newcomer, covers everything--from assembling a station to sending mail, from packet satellites and spacecraft to the latest networking systems. Its straightforward writing style and clear drawings will get you on the cutting edge of digital ham radio in no time. (ARRL order #3959 $8)

The American Radio Relay League, Newington Conn. USA

SAREXFAQ.TXT
RJI 2/1/95
eof

2902. SAREX STS-67 Fact Sheet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 16:43:59 UTC
From: rinderbitzen@arrl.org
Message-ID: <1995Mar7.164359.18947@arrl.org>
Source record: 251277
Cross-posted to: local.amsat,rec.radio.amateur.space,rec.radio.amateur.misc,sci.space.shuttle

Posted by:
Bob Inderbitzen, NQ1R
Assistant to the Manager
ARRL Educational Activities Department
rinderbi@arrl.org

SAREX FACT SHEET -- STS-67

Media Contact:
Jennifer Hagy
Media Relations Assistant
American Radio Relay League
(203) 666-1541, Ext. 328

SHUTTLE ENDEAVOUR ASTRONAUTS TO SPEAK WITH STUDENTS VIA AMATEUR RADIO.

With the help of Amateur Radio clubs and ham radio operators, astronauts have been speaking over the ham airwaves while in orbit, as part of the Shuttle Amateur Radio EXperiment (SAREX). During mission STS-67, the crew will be talking directly with large groups of the general public, showing teachers, students, parents and communities how Amateur Radio energizes youngsters about science, technology, and learning. Amateur Radio has been flying aboard the shuttles since 1983.

WHEN: Launch is scheduled for March 2, 1995 at 1:37 AM EST (0637 UTC) from the Kennedy Space Center, Cape Canaveral, Florida. Landing is scheduled for March 18, 1995 at 3:09 PM EST (2009 UTC) at the Kennedy Space Center, Florida. 15 day mission.

WHERE: The launch will place the shuttle into Earth orbit at an altitude of 218 miles and an inclination of 28.45 degrees.

WHY: NASA's intent in making astronauts available for SAREX operations is to involve the largest possible numbers of people, particularly youngsters, in technology and the US space program with the help of Amateur Radio.

During SAREX missions, the astronauts will typically make the following types of Amateur Radio contacts:
Scheduled radio contacts with schools.
Random radio contacts with the Amateur Radio community.
Personal contacts with the astronauts' families.

AMATEUR RADIO-LICENSED CREW MEMBERS:
Stephen S. Oswald, Commander, call sign KB5YSR
William G. Gregory, Pilot, call sign KC5MGA
Tamara E. Jernigan, Payload Commander, call sign KC5MGF

Wendy B. Lawrence, Mission Specialist, call sign KC5KII
Ronald A. Parise, Payload Specialist, call sign WA4SIR
Samuel T. Durrance, Payload Specialist, call sign N3TQA

PAYLOAD: Primary Payload--ASTRO-2. ASTRO-2 is the second in a series of ASTRO missions that will make precise measurements of astronomical objects such as planets, stars, and galaxies, in relatively small fields of view. Consisting of a variety of instruments, the payload will provide stability for extended periods and highly accurate instrument pointing of 1.2 arc seconds. The ASTRO observatory is a key element in the Spacelab program. (Information provided by the NASA Public Affairs Library Staff.)

SAREX SPONSORS: The Shuttle Amateur Radio EXperiment (SAREX) is sponsored by the American Radio Relay League (ARRL), The Radio Amateur Satellite Corporation (AMSAT) and The National Aeronautics and Space Administration (NASA). SAREX is supported by the Federal Communications Commission (FCC).

PARTICIPATING SCHOOLS: A handful of schools are selected from around the world to make contact with the shuttle during most SAREX missions. These contacts are prearranged, giving the schools a greater chance at making a successful contact. Two or more students at each of the selected schools ask questions of the astronauts during the contact. The nature of these contacts embodies the primary goal of SAREX--to excite students' interest in learning.

Brewton Elementary School, et al.
Brewton AL

Watson Elementary School
Huntsville AR

Fullbright Avenue Elementary
Canoga Park CA

Tri City Christian Schools
Vista CA

Plymouth Center School
Plymouth CT

Bishop Planetarium & South Florida Museum
Bradenton FL

Renfroe Middle School
Decatur GA

Pearl City High School
Pearl City HI

Waihe'e Elementary School
Wailuku HI

Highland Park High School
Highland Park IL

Kentucky Tech, Montgomery County Area Vocational Education Center
Mt. Sterling KY

US Naval Academy
Annapolis MD

Ridgely Middle School/Lutherville Elementary
Lutherville MD

Silver Spring/Burtonsville Schools
Silver Spring MD

William Bryant Elementary
Blue Springs MO

Plank Road South School
Webster NY

Lockport High School
Lockport NY

Saint Peters School
Greenville NC

Washington Senior High School
Washington C.H. OH

Bethany Middle School
Bethany OK

Tarkington Middle School
Cleveland TX

Chisum Jr/Sr High School
Paris TX

J. J. Fray Elementary School
Rustburg VA

Group of Scholars from South Africa
South Africa

Little Lillys English School
Bangalore India

Cobram Secondary College
Cobram Australia

ADDITIONAL INFORMATION FOR AMATEUR RADIO OPERATORS-

SAREX RADIO FREQUENCIES: During most SAREX missions, many of the crewmembers will make random contacts with earth-bound hams. They make these contacts during their breaks, before and after meal time, and during their pre-sleep time. In fact, over the past years the astronauts have contacted thousands of amateurs around the world. On many missions, they have even carried a 2-meter packet radio station. Innovative computer software allows the crew to operate the packet gear in an "unattended" mode, allowing amateurs to make contacts with the

ROBOT station when the astronauts are working or sleeping.

The crew will use separate receive and transmit frequencies. PLEASE do not transmit on the shuttle's DOWNLINK frequency. The DOWNLINK is your receiving frequency. The UPLINK is your transmitting frequency.

FM Voice Downlink: (Worldwide) 145.55 MHz
FM Voice Uplink: 144.91, 144.93, 144.95, 144.97, and 144.99 MHz
FM Voice Uplink: (Europe only) 144.70, 144.75, and 144.80 MHz
FM Packet Downlink: 145.55 MHz
FM Packet Uplink: 144.49 MHz

CALL SIGNS:
FM voice call signs KB5YSR, KC5MGA, KC5MGF, KC5KII, WA4SIR, and N3TQA
FM packet call sign W5RRR-1

QSL VIA: Send reports and QSLs to ARRL EAD, STS-67 QSL, 225 Main Street, Newington, CT 06111, USA. Include the following information in your QSL or report: STS-67, date, time in UTC, frequency and mode (FM voice or packet). In addition, you must also include a SASE using a large, business-sized envelope if you wish to receive a card. The Edison Radio Amateurs Association in Detroit/Edison MI has generously volunteered to manage the cards for this mission.

SHUTTLE TRACKING: Current Keplerian elements to track the shuttle are available from the NASA Spacelink computer information system, BBS (205) 895-0028 or via Internet spacelink.msfc.nasa.gov, and the ARRL BBS (203) 666-0578. Also, the JSC ARC BBS will have the latest element sets available during the STS-67 flight. The number is (713) 244-5625, 9600 baud or less.

The following are prelaunch Keplerian elements for STS-67:

STS-67
1 00067U 95061.32643015 .00011689 00000-0 86071-4 0 46
2 00067 28.4675 88.9985 0004519 287.7960 72.2100 15.71297841 21

Satellite: STS-67
Catalog number: 00067
Epoch time: 95061.32643015 = (02 MAR 95 07:50:03.56 UTC)
Element set: 004
Inclination: 28.4675 deg
RA of node: 88.9985 deg Space Shuttle Flight STS-67
Eccentricity: .0004519 Prelaunch element set JSC-004
Arg of perigee: 287.7960 deg Launch: 02 MAR 95 06:37 UTC
Mean anomaly: 72.2100 deg
Mean motion: 15.71297841 rev/day Gil Carman
Decay rate: 1.1689e-04 rev/day^2 NASA Johnson Space Center
Epoch rev: 2
Checksum: 304

CONFIGURATION: During STS-67, the SAREX hardware will be carried in configuration C. SAREX configuration C consists of the handheld transceiver, I/F module, PGSC, spare battery set, window antenna, packet module, SAREX headset

assembly, personal recorder, and the required cable assemblies. The packet module contains a power supply and packet TNC. The power supply provides power for the TNC and the handheld transceiver. The TNC interconnects with a radio transceiver so that data to and from the computer is transmitted to and received from other amateur radio stations. Configuration C is capable of operating in either the voice or data mode in communications with amateur stations within LOS of the Orbiter. This configuration can be operated in the attended mode for voice communication and either the attended or automatic mode for data communications. The payload control weights is 45 lb (20.41 kg).

FOR FURTHER INFORMATION: Contact the American Radio Relay League, Educational Activities Department, 225 Main Street, Newington CT 06111 USA
Telephone (203) 666-1541, FAX (203) 665-7531, ARRL BBS (203) 666-0578
Internet ead@arrl.org
CompuServe 70007,3373
Prodigy PTYS02A
America Online HQARRL1

ARRL's (Newington, CT) Amateur Radio station (call sign W1AW) transmits news bulletins (9:45 PM, 12:45 AM EST) on HF bands at 3.99, 7.29, 14.29, 18.16, 21.39, 28.59 and VHF at 147.555 MHz. W1AW bulletins are also forwarded on packet.

Goddard Amateur Radio Club's (Greenbelt, MD) Amateur Radio station (call sign WA3NAN) transmits SAREX news and shuttle-to-mission control retransmissions during SAREX missions. Tune to Amateur Radio high frequency (HF) bands at 3.86, 7.185, 14.295, 21.395, and 28.65 megahertz (MHz) and on very high frequency (VHF) bands at 147.45 MHz. GARC also maintains a Bulletin Board System (BBS) which is accessible via the Internet, modem and packet radio. The BBS contains Keplerian orbital elements updated daily, AMSAT and SAREX bulletins and Space Shuttle mission information. Via Internet: wa3nan.gsfc.nasa.gov or 128.183.105.17, via telephone: (301) 286-4137, via packet: WA3NAN on 145.090 MHz in DC area.

The "SAREX Bulletin" contains additional general information on SAREX. This document may be obtained electronically from many of the popular on-line electronic services.

The American Radio Relay League, Newington Conn. USA

STS67FCT.TXT
RJI 2/1/95
eof

2903. Re: A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 16:46:23 UTC
From: mikef@pacifier.com
Message-ID: <3ji2kv$isv@pacifier.com>
Source record: 251272

In article <1995Mar4.091004.973@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>In article <3j561b$ivm@michp1.redstone.army.mil> helliott@traveller.com writes:
>>Hello;
>>
>> KC4HRX, Heath Thorsen, is operator of the 147.505 repeater here
>>in Huntsville. His repeater has an autopatch, and the telephone company
>>is insisting on charging him a commercial rate for this phone line. I
>>intend to draft a letter to the local phone company pointing out several
>>facts:
>>1) Part 97 rules prohibit anything commercial on the repeater.
>>2) If we operate within the law, we _cannot_ conduct commercial
>>activities on the repeater.
>>3) Heath is totally blind, has been from birth. He depends on this
>>repeater for his ability to stay in contact with friends and relatives
>>who provide his means of transportation to work, school and other.
>>4) The phone company appears to be taking advantage of him due to his
>>handicap.
>>
>>My questions: Can someone send me the applicable legalese from the FCC
>>laws (part 97) which apply (the no commercial activity part)? I need the
>>page and paragraph and the text to cite in my letter.
>>
>>Does anyone have any suggestions on additional ammunition for coercing
>>the phone company into giving this guy a residential rate (the diff is
>>about $50 per month!)? Comments welcome...
>
>Unfortunately, Doc, the FCC rules *do* allow business to be conducted
>over amateur radio today. It's limited to *personal* business, such
>as the proverbial ordering of a pizza, but it's there. If Heath is
>soliciting rides to work, that certainly falls under the business
>rule. Don't take this tack with the phone company or you will surely
>be burned. (Note however that personal business on a residential line
>is considered normal, else we'd have to pay commercial rates to order
>a pizza.)
>
Right on, Gary. It would appear to me that the gentleman *is* using
the repeater for business purposes -- coordinating rides might just as
well be done by CellPhone, for instance. I agree with you that yammering to
the telephone company about the machine not being used for business
purposes will get the writer exactly nowhere.

In addition, I fail to see why a blind person should get any more of a break respecting what he must pay for his essential services than anyone else. I am blind; society doesn't owe me (or any other blind person) a break because of that fact anymore than it owes the bald a break!

Furthermore, claiming that the blind gentleman should pay residential rates because he's blind and needs special services is harmful in two ways: (a) it isn't so and (b) it contributes to the stereotype of the blind as witless and helpless.

I think Gary's suggested line of attack (citing tariffs) is far more productive and is far more likely to gain the desired result.

--

Mike Freeman | Internet: mikef@pacifier.com
GEnie: M.FREEMAN11 | Amateur Radio Callsign: K7UIJ
... Take my advice; I certainly don't use it!

2904. Kenwood Dual-band Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 16:58:30 UTC
From: mikef@pacifier.com
Message-ID: <3ji3bm$j8g@pacifier.com>
Source record: 251274

Hello, Netland.

Back in the early '80's (1983-1984), Kenwood manufactured a dual-band (2-meters/70-centimeters) FM mobile rig. It had a voice board such that all its functions including frequency readout could be spoken.
I believe it had an output power of 25 watts or so. Seems to me the rig was known as the TW-something-or-other {grin}. Can't remember the model number.

In fact, that's what I am asking: does anyone remember the rig's designation? Anyone know if those rigs come on the swap market (with voice board) and if the rig includes PLL-decoding (it wasn't so important back in 1984 so don't remember).

Thanks in advance.
--

Mike Freeman | Internet: mikef@pacifier.com
GEnie: M.FREEMAN11 | Amateur Radio Callsign: K7UIJ
... Take my advice; I certainly don't use it!

2905. Kenwood R-5000 EPROM software changes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:01:23 UTC
From: franck@rz.rwth-aachen.de
Message-ID: <3ji3h3$cpc@news.rwth-aachen.de>
Source record: 251214

[No readable article body recovered]

2906. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:01:38 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <794595698snz@microvst.demon.co.uk>
Source record: 251180

In article <3jhqse$s8r@hacgate2.hac.com>
suggs@tcville.es.hac.com "Brian Suggs" writes:

> Actually, it says "No provision of these rules..." It does not specify
> whether "these rules" means part 97, or all of Title 47 of the CFR, or
> only the subparagraphs of 97.405.

Nice try but if you read it from end to end, the term "these rules" is
applied with consistancy to the rules of Part 97. Elsewhere in Part 97,
reference is also often made to "FCC Rules" and rarely to "FAA Rules".

The key to being a good jailhouse lawyer is first to study the text.

The term "these Rules" is used in connection with transmission for hire,
protection of life and property and distress signals, amongst others.

Perhaps you might find the most convincing us of the term in:

97.521 VEC qualifications. - No organization may serve as a VEC
unless it has entered into a written agreement with the FCC. The VEC must
abide by the terms of the agreement. In order to be eligible to be a VEC,
the entity must:

(d) Agree to assure that, for any examination, every
examinee qualified under these rules is registered without regard to race,
sex, religion, national origin or membership (or lack thereof) in any
amateur service organization;

If you feel that VECs examine rules less broad or more broad than all
sections of Part 97 and only Part 97, please tell us more.

73.
--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

2907. Re: Yaesu FT-530 Tone scan? can't get to work

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:02:14 UTC
From: kreifels@intel.com
Message-ID: <kreifels.794595734@fmwu23>
Source record: 251209

camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:

>Anyone know how to get it to really work? I can get it to scan, but it is
>not automatic like it says it is.. and the manual says something
>about beeps and I don't get anything like what it says.

You may simply be scanning a repeater which doesn't transmit
the CTCSS tones even though it needs them for access. On my FT530,
it will actually stop scanning, and beep when it finds a match. And
of course, you hear the transmitted audio when it matches.

If the repeater doesn't output the tones, your only chance is to
try listening on the input frequency. If you can find someone near you
(so you get a strong signal) you may be able to decode the tones that
way. I have no luck with a relatively weak signal.

Good luck.

Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com

"My opinions, not my employer's."

2908. Re: Chimney Mount Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:02:58 UTC
From: tja@netcom.com
Message-ID: <tjaD52y0y.1Mv@netcom.com>
Source record: 251178

WARREN WHITBY (WWHITBY@lan.mcl.bdm.COM) wrote:
-> I live in a rental house and I plan on attaching an antenna mast to my
-> chimney. The chimney won't be used because of a poor draft, so I don't
-> have to worry about soot coating the antenna. My big concern is
-> grounding. All of the information I have on grounding refers to towers.
-> Can someone let me know what would be the best way to ground the
-> antenna and mast?

The best thing to do is clamp a heavy gauge wire to the base of the
mast and run the wire down the side of the building to an 8 Foot copper
grounding rod driven 7 feet into the earth. Use nothing less than an 8 foot
rod if you can help it. If a rod can not be driven into the ground a
"COLD" water outdoor faucet can be used as a very last resourt.
Remember, grounding a mast (or antenna) is done to attract and discharge
lightening "BEFORE" it gets to the point of hitting your antenna. And in
case it does hit your home, it will hopefully provide a "path of least
resistance" for the bolt to find ground and not through your rig.

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

2909. RailHAMS

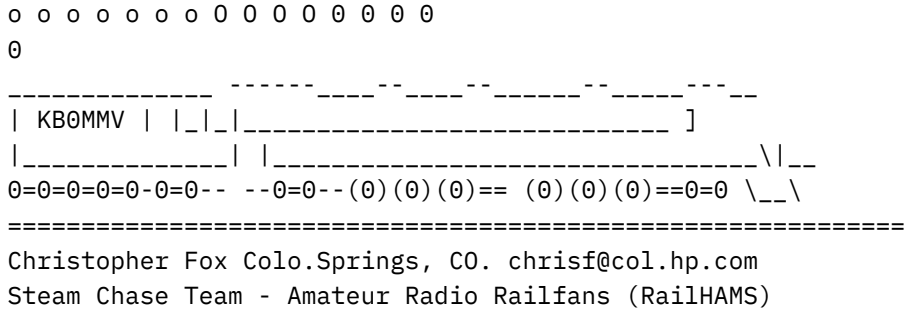
Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:12:29 UTC
From: chrisf@col.hp.com
Message-ID: <3ji45t$hs2@nonews.col.hp.com>
Source record: 251276

There has been some discussion in this newsgroup about ham radio railfans. Here in Colorado Springs, a group of us so called "RailHAMS" are looking to organize a little more. Some want to do a RailHAM net on one of the local repeaters. Is there much of this going on elsewhere in the U.S. and Canada? If so, how are you organized? What kind of events are you running? I'd like to trade ideas that work.

There are a lot of "RailHAMS" in the Colorado Springs/ Denver/ Cheyenne corridor. We occasionally organize to go up and chase Union Pacific's 3985 or 844 or the E-units 949 and 951 in Wyoming. When they run from Cheyenne to Laramie and back, we have 2 meter communications almost all the way be- between RailHAMS. On top of Sherman Hill is a repeater (146.820-) that works great. Last year we had a RailHAM on the train. Nothing works better for setting up your chase and photo stops than a RailHAM on board working that repeater. In the Colorado Springs/Denver area, RailHAMS tend to be found monitoring the 146.970- (wide area coverage) repeater. I spoke to a RailHAM in Laramie once that was pretty heavy into the hobby. His Ford Bronco had at least six antennas on it. CB, 2m, wide-band scanner, HF?, plus others I couldn't identify readily. He said that on the west coast they were establishing the 146.460 as a railfan (RailHAM) national call frequency. Out here, we decided to follow this trend and use this as our simplex call frequency too.

Railfans and RailHAMS can also be found hanging out in Palmer Lake, Colorado. This is a favorite train watching spot on the famous SF(BN)/SP Joint-line. This spot is frequented by train watchers year-round with as many as twenty vehicles parked there at one time. We've met railfans from all over the U.S. and some from Canada and Europe.

If you are ever out train watching in our area, try using the suggested "KBxxxx monitoring for trains" or "KBxxxx RailHAM", or something. Maybe this is an opportunity to establish a standard. This newsgroup would be the best place to start. Maybe put out a call for suggestions?



Christopher Fox Colo.Springs, CO. chrisf@col.hp.com
Steam Chase Team - Amateur Radio Railfans (RailHAMS)

2910. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:13:08 UTC
From: gdm@fermi.ualr.edu
Message-ID: <3ji474$1l7@news.ualr.edu>
Source record: 251179

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Ah, Jeff, you poor little dit head, you just don't get it do you? Not
[flamage deleted]

Leave your terminal unattended, did you, Gary? I'll bet you
got a lot of email on this one. Especially the part about code-copying
ability being an idiot-savant talent. That is the tipoff that that
post from your account was the work of a non-technical person.
The know-nothings from the touchy-feely side of the campus love to
insinuate that anyone with a technical skill must be an idiot-savant.
In this case, though, the joke is on him because code is not really a
technical skill but merely a conditioned response, and it doesn't take
an idiot-savant to learn it. Even a psychology major could do it,
given the motivation.

Anyway, I hope that not too many of the people here who have taken
the trouble to learn the code were offended by being called idiots.
Surely they recognized that that was not the real Gary talking.

73,
Doug K5DH

--
==
Doug Mauldin University of Arkansas at Little Rock
gdmauldin@ualr.edu Department of Applied Science

Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
==

2911. Kenwood R-5000 Eprom software changes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:18:14 UTC
From: "Walter A.Franck"
Message-ID: <3ji4gm$cuq@news.rwth-aachen.de>
Source record: 251081

Hi,

does anyone know the history of software changes in the EPROM
(IC-52 of control unit) of Kenwood R-5000 Rx ?

Running in trouble with controlling my Rx via IF232-interface
and a PC, the old EPROM (part number MBM27C128-25JA1 from
1980 or earlier) was changed by a new one (part# ...-25JAI3 !)
in 1995. All seems to be ok.

Which other bugs are eliminated in 15 years ?

Thanks in advance

vy 73 .. Walter (Internet: franck@rz.rwth-aachen.de)

2912. Re: need to know where a call originated from

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:47:07 UTC
From: jayk@fc.hp.com
Message-ID: <3ji66r$j1r@tadpole.fc.hp.com>
Source record: 251032

Richard Hernandez (richard.hernandez@richcon.com) wrote:
: I was wondering if anyone might know where stations using the call
: letters "S57" originate from. I had a QSO on 20 meters a few weeks back
: with S57MPL and have not been able to figure out where he was from. A
: few days later I again heard another S57 station on a QSO with a station
: from Texas but both were weak and I lost their signals. If anyone can
: let me know I would apreciate it. I'm still a little green at the DX
: game but have had a lot of fun with it.

: 73's from Rich KC4QBQ, in Mechanicsville, VA

S5 is the prefix for Slovenia.

73, Jay K0GU jayk@fc.hp.com

2913. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:54:36 UTC
From: peter@Thoth.st.3Com.com
Message-ID: <3525@bridge2.NSD.3Com.COM>
Source record: 251033

If you wish to trade a bit of gain for a more robust antenna, may
I suggest the Larsen Kulduckie? It's a base-loaded whip, about a foot
in overall length, half of which is the base load/rubber duck and the
other half is a flexible radiator (which may or may not be helical).

About $20, as I recall, and much better gain than a rubber duck. As
to longevity, I have had mine for about 10 years and the only damage
it shows is a split in the heat-shrink wrap over the coil, which
was easily cured by sliding a piece of heat-shrink tubing over the
problem area.

73,
Peter

In article 5ci@eugene.convex.com, horak@convex.com (David Horak) writes:
>In <D4yJr0.HL9@world.std.com> jjmartin@world.std.com (James J Martin) writes:
>
>>In article <3j7e4p$g1v@eugene.convex.com>,
>>David Horak <horak@convex.com> wrote:
>>>In <3j57ru$8l@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>>>
>>>>I've got an FT-530 but can't work the local repeater from my home; a mile
>>>>down the road it works fine. I suspect a high-gain antenna might do the
>>>>trick. Any suggestions on which ones to consider?
>>>
>>>The AEA Hot Rod is the best I've used. It makes a huge difference.
>
>>Jez putting in my two cents. Not saying anything against the suggestion
>>to use the HR-1 cuz it is a good antenna...but like any telescopic antenna
>>it can be easily broken...
>
>It may be easily broken (although I have two of the 2M and one for 440
>and haven't broken them) since it is a telescopic, but it is probably
>the best whip with the most gain that you can put on an HT, if it's gain
>you need.
>
>N5OFQ One Fine Quacker
>David Horak horak@convex.com
>Plano, Texas (not your average plain-O town :-)

Peter Simpson, KA1AXY Linux! Peter_Simpson@3mail.3com.com
3Com Corporation The free Unix (508) 836-1719 voice
Northborough, MA 01532 for the 386 (508) 393-6934 fax

2914. Re: cw...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 17:58:59 UTC
From: jcumming@dgim.doc.ca
Message-ID: <1995Mar7.175859.17711@clark.dgim.doc.ca>
Source record: 251184

Lenny Carwile (lenny.carwile@richcon.com) wrote:
: In reply to your "most hams learn it to upgrade and forget it".
: You should listen to the low end of 20 meters when a rare DX station is
: on. Sometimes (most times) I wish a few more of them would forget it
: Hi..73 N4RUM Virginia

I love your sense of humour. It made my (miserable) day!

73 and live better digitally
Jim, VE3XJ

2915. Re: ARRL Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:15:12 UTC
From: dleitch@freenet.columbus.oh.us
Message-ID: <3ji7rg$980@acme.freenet.columbus.oh.us>
Source record: 251037

Daniel (dannyb@metronet.com) wrote:
: Does anyone know the URL for the ARRL Web homepage?

Don't think they have one yet, do they??

--
dleitch@freenet.columbus.oh.us wb8ihw@n8jyv.#cmh.oh.us
wb8ihw.ampr.org 44.70.0.128

2916. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:15:49 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3ji7sl$4uh@mother.usf.edu>
Source record: 251039

jeffrey@math.hawaii.edu wrote:

: Worldwide, I still think Jordan's King Hussein has the very very best: JY1.
: Not too many folks with 3 character calls.

I've worked a couple of folks in LU that have 1x1 calls like L1V and
others. Don't know if they are personal calls, but I hear them all the
time in the tests..

> Paul Knupke, Jr. University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu Fidonet 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* == *
"We're only immortal for a limited time ..." -- Neil Peart

2917. Re: Available 2x1 & 1x2 Extra Callsigns

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:25:08 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D531tw.D3v@news.hawaii.edu>
Source record: 251205

```
>Bob KD1GG
>
>================================================================
>Radio Devices email for complete cdrom or Ham catalog
> Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
>boro, MA 01752 Linux,OS/2, MAC,Windows,Unix, CICA,SIMTEL
>480-0502 KD1GG Ramsey Kits, Antennas West, Power Station
>=================== Oak Hills Research QRP Kits,Anli Antennas
>Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
>================================================================

Hmmmm, sneeky way of inserting an ad!
```

2918. Re: need to know where a call originated from

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:28:42 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.794600922@melpar>
Source record: 251221

jayk@fc.hp.com (Jay Kesterson K0GU) writes:

>Richard Hernandez (richard.hernandez@richcon.com) wrote:
>: I was wondering if anyone might know where stations using the call
>: letters "S57" originate from. I had a QSO on 20 meters a few weeks back
>: with S57MPL and have not been able to figure out where he was from. A
>: few days later I again heard another S57 station on a QSO with a station
>: from Texas but both were weak and I lost their signals. If anyone can
>: let me know I would apreciate it. I'm still a little green at the DX
>: game but have had a lot of fun with it.

>: 73's from Rich KC4QBQ, in Mechanicsville, VA

>S5 is the prefix for Slovenia.

>73, Jay K0GU jayk@fc.hp.com

Rich,

I have worked and successfully QSLed several S5 stations, so if
you need info on how to do that send me some e-mail. I have current Callbooks,
the Go-List, plus other DX QSL routing sources and would be happy to help
out a "newbie" DXer.

BTW, try 30 meters in the late afternoon and early evening; it's a good
band to work some of the new European countries like Slovenia, Croatia (9A),
Slovkia (OM), etc., and last night about 0100 3B8 (Mauritius Is.) was coming
through 5-8-9 into northern VA (and I only use a dipole). Oh, and that was
0100 UTC (9:00 PM EST).

73 DE K4MSG

2919. Re: Yaesu FT-530 Tone scan? can't get to work

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:43:14 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3ji9g2$56f@mozo.cc.purdue.edu>
Source record: 251044

In article <3jh0ak$gij@cronkite.ocis.temple.edu>,
-=FOOBARF=- <camter28@astro.ocis.temple.edu> wrote:
>Anyone know how to get it to really work? I can get it to scan, but it is
>not automatic like it says it is.. and the manual says something
>about beeps and I don't get anything like what it says.

Are you talking about

1) CTCSS tone scan (finding out what tone is being received)
2) DTMF paging (ring when correct 3-digit sequence rcvd)
3) CTCSS bell paging (ring when correct tone rcvd)

I've done 1 and 2 on my radio - haven't tried 3. My version of the
manual is fairly straightforward.

>and also, the one I have won't recieve anything in the 800-940mhz
>range.. any ideas on what's been changed on this newer model?
>thanks..

Have you done the mod to get the extended rx/tx? It won't do it out
of the box.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2920. June VHF rover rules

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:48:43 UTC
From: w0uc@aol.com
Message-ID: <3ji9qb$3rq@newsbf02.news.aol.com>
Source record: 251041

Word has come down that the rules for rovers in the June VHF contest will be the same as for January. Many rovers are very upset with these rules and plan to seriously curtail their activities until a change is made. The word from Newington is that not enough input has been received at this point to merit reconsidering the matter. If you are active as either a rover OR A FIXED STATION, this subject should be of concern to you. Discussion continues on the "Rover Discussion Reflector"; join by sending a message with the single word "SUBSCRIBE" in the body to:

vhf-rover-request@eng.pko.dec.com

If you are active on VHF, your input is needed!

73, Paul Husby W0UC

2921. <<<<<<<<<<<<<QSL manager software>>>>>>>>>>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 18:57:05 UTC
From: "Jake A. Hellbach" <Jake_A._Hellbach@ccmail.mobil.com>
Message-ID: <3jiaa1$2q7@dlsn31.dal.mobil.com>
Source record: 251045

I was wondering if any knows if there is software to lookup the managers of DX contacts. Maybe on the internet?

Thanks, Jake KK5HY
email: Jake_A._Hellbach@ccmail.mobil.com

2922. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 19:15:45 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jibd1$ct@ecom1.ecn.bgu.edu>
Source record: 251046

Since 97.403 basically states that in an emergency, any amateur
station can use any means of radiocommunication.....

and an amateur station is defined as radio equipment used in
the amateur service,

and the only frequencies we can use in the amateur service are
those which are allowed to be used by licensed individuals,

can't we conclude that we are restricted to those frequencies in the
amateur bands?

I thought that 'amateur service' was restricted to select frequencies.

Don't get me wrong, I would love to prove that it IS legal to use
any frequency at my disposal, (in an emergency), but I just don't
think it can be proven with the way the CFR is written.

What we need is an 'Official Interpretation' of the regulations.
I have been planning on doing this for about a month now, but
I can't seem to find the time (or money) to send a letter to the
FCC.
For anyone reading this, you can't just ask your local field office for an
official interpretation...I think you have to go through the
attorneys offices in Washington.

73's
Dave

2923. ARLB022 Correction to ARLB021

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 19:52:11 UTC
From: w1aw@arrl.org
Message-ID: <$arlb022.1995@ampr.org>
Source record: 251187
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB022
ARLB022 Correction to ARLB021

ZCZC AG88
QST de W1AW
ARRL Bulletin 22 ARLB022
From ARRL Headquarters
Newington CT March 8, 1995
To all radio amateurs

SB QST ARL ARLB022
ARLB022 Correction to ARLB021

There was an error in ARLB021 on the telephone number for the FCC
Forms Distribution Center. The correct number is 1-800-418-3676.
Our apologies for any inconvenience this may have caused.
NNNN
/EX
```

2924. Re: Need QSL route for VR6ME

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 19:54:58 UTC
From: mperkel@primenet.com
Message-ID: <mperkel.50.0083932F@primenet.com>
Source record: 251194

I worked VR6ME and I can't find a route for him.
I checked the callbook and qsl servers I know about with no luck.

Please e-mail me if you have a QSL route for VR6ME.

73
mike
KC6VMT
mperkel@primenet.com

2925. Which Band for QRP/Pacific

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:06:24 UTC
From: sehneg@austin.ibm.com
Message-ID: <D536lo.4EwE@hawnews.watson.ibm.com>
Source record: 251188

I'll be travelling to Hawaii shortly & want to bring along a QRP rig. I'm waffling between my 1W 30-40 rig (30m) and my MFJ 9020 (20m) 5W. Which would give me more fun in working Pacific stations & possibly mainland contacts? Anyone been in a similar predicament? Thanks!

2926. Re: ARRL Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:13:39 UTC
From: dleitch@freenet.columbus.oh.us
Message-ID: <3jiepj$1qs@acme.freenet.columbus.oh.us>
Source record: 251185

ARRL WWW Site: http://www.acs.oakland.edu:80/barc/arrl.html

Tried it today and it works fine!

--
dleitch@freenet.columbus.oh.us wb8ihw@n8jyv.#cmh.oh.us
wb8ihw.ampr.org 44.70.0.128

2927. Re: Morse Code Tutors for Windows?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:29:34 UTC
From: bos@litwilv.demon.co.uk
Message-ID: <794608174snz@litwilv.demon.co.uk>
Source record: 251048

In article <3iog7g$lnl@solaris.cc.vt.edu> smhenry@vt.edu "Steve Henry" writes:

> I am looking for Morse Code Tutors for Windows, I have Super Morse for DOS but
> would like to get a program for Windows.
>

I can recommend "NuMorse" which I got from a free cover disk with "Ham Radio Today" magazine in the UK (Jan 95 Issue). It's a proper Windows program, and it works very well. It will send you either continuous random groups of characters, or will wait after each character for you to identify it on the keyboard before sending the next. This is very useful in the early stages, I'm finding. You can configure it to send any subset of the available characters, and I believe it will also do simulated QSO's, though I haven't tried that myself yet. You can set the timing, speed and almost everything else.
It's written by Tony Lacy G4AUD, who's on Compuserve 100030,157 (at least he was when he wrote the program notes in 1993), and it's shareware. It might be available by ftp - perhaps someone out there knows...?

--

Bos

Dr. Philip Bosworth

2928. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:43:27 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Mar7.204327.24065@ttinews.tti.com>
Source record: 251193

In article <1995Mar5.092210.7056@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <1995Mar4.081604.25665@sol.cs.wmich.edu> radams@cs.wmich.edu (Robert Adams) writes:
>>In article <3j70gp$bpm@gamma.norand.com>,
>>Chuck Bassett <bassettc@norand.com> wrote:
>>>
>>> I have a student in the Novice/Tech class Im teaching that wishes to
>>>use ATV to transmit from a RC model plane so they can get a cockpit view
>>>from the ground. This sounds like a one way transmission.
>>
>>No more so than the control signals he's sending to the model aircraft.
>
>97.215 deals specifically with RC model telecommand operation.
>
>>You're reading more into the regulations than is there. Nothing to worry
>>about... it's a legitimate application.
>>
>>>How does the FCC view using ATV in this manor and is there anyway he could
>>>do it that would make it conform to the rules + regs ??
>>
>>It's really no problem at all. No special considerations, either. However,
>>the ATV transmitter must ID.
>
>This is classed as Auxillary operation under the rules. 97.201(e)
>specifically authorizes one way transmissions. This is a special
>case of telemetry operation where the transmitter is operating only
>as part of a closed system. The ATV transmitter must be under positive
>ground control, and must operate in spectrum authorized for auxillary
>operations, not a problem since ATV can only be done on frequencies
>authorized for auxillary operation.
>

Or you could just use the part 15 type device as your television transmitter in the 902-928 MHz band. This works fine for the nominal RC flightpath over a closed field of 1000' x 700' and it's cheap. Fry's in LA has these for under $100.

73!

sorgatz@avatar.tti.com (or:es@soldev.tti.com) *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)
(This material Copyright 1995, All rights reserved)

2929. Re: Out-of-band emergency calls (REPOST)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:43:50 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jigi6$cib@ecom1.ecn.bgu.edu>
Source record: 251189

In speaking with Mr. Monte Dupont of the Wireless
Telecommunications Bureau of the FCC, I discovered that in his
opinion, which I assume is that of the whole Bureau, 97.403 means
any licensed ham can use any frequency, in any radio service, at
his disposal in an emergency. Mr Dupont saw my point about the
technical definitions of 'amateur station' and 'amateur service',
but he said that I was going overboard. Fine, I can accept that.
I hoped it was legal to use police frequencies in an emergency.

73's
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

2930. Re: Out-of-band emergency

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:49:32 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jigss$ds9@ecom1.ecn.bgu.edu>
Source record: 251190

daniel.meredith@phx-az.com (Daniel Meredith) writes:

>Let Us NOT forget the incident in San Diego, CA...The ham could not get
>anyone on the ham bands, and resorted to the local Sherriff's office...
>The HAM got SCREWED in the deal! He lost his radio, luckily he did not
>loose his license...

When did this happen?
Who confiscated the radio?
Was the FCC notified?
IF the FCC was notified, was it the field office, or the Washington office?
Did he attempt to get his radio back?
Was he charged with anything?
I hope you realize his radio was probably illegally confiscated,
unless he voluntarily turned it over.
What was the guy's name?
Does anyone have his phone number?

73's
Dave

2931. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 20:51:04 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jigvo$dvr@ecom1.ecn.bgu.edu>
Source record: 251191

n speaking with Mr. Monte Dupont of the Wireless
Telecommunications Bureau of the FCC, I discovered that in his
opinion, which I assume is that of the whole Bureau, 97.403 means
any licensed ham can use any frequency, in any radio service, at
his disposal in an emergency. Mr Dupont saw my point about the
technical definitions of 'amateur station' and 'amateur service',
but he said that I was going overboard. Fine, I can accept that.
I hoped it was legal to use police frequencies in an emergency.

73's
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

2932. Re: Kenwood Dual-band Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 21:03:48 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <1735AE1EAS86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 251047

In article <3ji3bm$j8g@pacifier.com>
mikef@pacifier.com (Mike Freeman) writes:

>
>
>Hello, Netland.
>
>Back in the early '80's (1983-1984), Kenwood manufactured a dual-band
>(2-meters/70-centimeters) FM mobile rig. It had a voice board such that
>all its functions including frequency readout could be spoken.
>I believe it had an output power of 25 watts or so. Seems to me the rig
>was known as the TW-something-or-other {grin}. Can't remember the model
>number.
>
>In fact, that's what I am asking: does anyone remember the rig's
>designation? Anyone know if those rigs come on the swap market (with
>voice board) and if the rig includes PLL-decoding (it wasn't so
>important back in 1984 so don't remember).
>
>Thanks in advance.
>--
>
>Mike Freeman | Internet: mikef@pacifier.com
>GEnie: M.FREEMAN11 | Amateur Radio Callsign: K7UIJ
>... Take my advice; I certainly don't use it!

Mike:

Sounds like the TW-4000A. I have one, but without the "sound board."
I have an encode module (extra cost option, TU-40, I think) but it does
not have decode capabilities. I have seen these units at hamfests.
Mine has been well used and is still working well as a "shack" rig.

Jack
KA3OTU

2933. Super Morse 4.15?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 21:13:37 UTC
From: sbaldwin@community.net
Message-ID: <3jiia1$lr2@odin.community.net>
Source record: 251065

I'm looking for Super Morse 4.15 for the IBM PC. If anyone has this,
or knows where I can get it, please Email reply to this posting
(as my newsgroup reception is poor to say the least). I'd really appreciate
getting this asap. Thanks, and 73

de Scott N6UUH

2934. What is COVER?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 21:22:28 UTC
From: Unknown
Message-ID: <1995Mar7.142229.2102@physc1.byu.edu>
Source record: 251129

I read in OMNI a one page article on amateur radio. It talked about the use of the PC in digital communication. RTTY, AMTOR, and PACKET were mentioned along with CLOVER. I have never herd of CLOVER, would someone please tell me more about CLOVER? Ken--73's

2935. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 21:48:31 UTC
From: gbelton@rs4.tcs.tulane.edu
Message-ID: <3jikbf$35c@rs10.tcs.tulane.edu>
Source record: 251213
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

Bruce James Robert Linley (linley@netcom.com) wrote:
: Who's sending signals back to you when you're using a repeater's autopatch
: to call a non-ham?

Technically, under Part 97: The control operator of the repeater. The
non-ham is just talking on the phone. The control operator of the
repeater is relaying his voice to you.

--
"In the old days, being crazy meant something. I don't speak
Nowdays, EVERYBODY'S crazy." for Tulane.
-- Charles Manson

2936. Test - Please disregard

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 22:07:11 UTC
From: murphy@dsc70
Message-ID: <3jilef$5jm@gate2.gdc.com>
Source record: 251195

[No readable article body recovered]

2937. Re: ARRL Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 22:32:32 UTC
From: schildha@vnet.ibm.com
Message-ID: <D53DA8.9nw@bocanews.bocaraton.ibm.com>
Source record: 251115

>Does anyone know the URL for the ARRL Web homepage?

http://www.acs.oakland.edu/barc/arrl.html

73 de KR4QE Wayne

Wayne F. Schildhauer
Boca Raton, Florida

2938. Re: Kenwood Dual-band Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 22:45:04 UTC
From: rodell@netcom.com
Message-ID: <rodellD53Dv4.5G8@netcom.com>
Source record: 251063

It was the Kenwood TW-4000. I don't believe it had CTCSS decode
capability. I liked mine alot, at the time.

r.
--
_/_/_/

2939. Re: A blind ham needs help...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 23:14:03 UTC
From: Pgpewitt@execpc.com
Message-ID: <3jipbr$3fj@homer.alpha.net>
Source record: 251066

In <3j561b$ivm@michp1.redstone.army.mil>, helliott@losat.redstone.army.mil (Doc Elliott) writes:
>Hello;
>
> KC4HRX, Heath Thorsen, is operator of the 147.505 repeater here
>in Huntsville. His repeater has an autopatch, and the telephone company
>is insisting on charging him a commercial rate for this phone line. I
>intend to draft a letter to the local phone company pointing out several
>facts:
>1) Part 97 rules prohibit anything commercial on the repeater.
>2) If we operate within the law, we _cannot_ conduct commercial
>activities on the repeater.
>3) Heath is totally blind, has been from birth. He depends on this
>repeater for his ability to stay in contact with friends and relatives
>who provide his means of transportation to work, school and other.
>4) The phone company appears to be taking advantage of him due to his
>handicap.
>
>My questions: Can someone send me the applicable legalese from the FCC
>laws (part 97) which apply (the no commercial activity part)? I need the
>page and paragraph and the text to cite in my letter.
>
>Does anyone have any suggestions on additional ammunition for coercing
>the phone company into giving this guy a residential rate (the diff is
>about $50 per month!)? Comments welcome...
>
>Thanks,
>Doc Elliott
>KE4KUZ
>Internet: helliott@losat.redstone.army.mil (work)
>Internet: helliott@traveller.com (home)
>packet: ke4kuz@k4ry.#cenal.al.usa.noam
>The opinions expressed herein are mine, and do not
>reflect those of my employer or anyone else unless
>specifically stated as such.

Write your letters and be sure to send a copy to your local newspapers. The bad public relations will cost the phone company a lot more than they will gain from walking all over a handicapped person. The more people you can get involved writing letters the better. See if a simpathetic reporter would like to push the subject. A demonstration in front of the phone company (with news coverage) wouldn't hurt either. Rember "laugh in" "We're the phone company. We don't care. We don't have to." Make 'em care.

2940. IPS Daily Report - 07 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-07 23:34:03 UTC
From: rwc@ips.oz.au
Message-ID: <3jiqhb$aih@flare.syd.ips.oz.au>
Source record: 251069
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 07/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 07 MARCH AND FORECAST FOR 08 MARCH - 10 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 06 Mar
Daily Proton Fluence >1 MeV: 1.3E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 1.8E+07 (normal)
X-ray background: A5.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Mar 09 Mar 10 Mar
Activity Low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Mar: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 06 Mar
Learmonth 6 2321 1211
Fredericksburg 4 5
Planetary 5 6

Observed Kp for 06 Mar: 2322 1221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
08 Mar 15 Unsettled to active
09 Mar 10 Unsettled
10 Mar 25 Active to minor storm
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Expected active levels did not
eventuate. Active periods maybe observed during local night tonight.
Active to minor storm levels are still expected commencing March 10.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
07 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Mar normal normal fair
09 Mar normal normal fair
10 Mar fair poor poor
COMMENT: Degraded HF comms are now not expected for today as expected
geomagnetic activity did not occur yesterday.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
07 Mar 33 10 to 15% above predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
08 Mar 30 10 to 15% above predicted monthly values
09 Mar 20 10 to 15% above predicted monthly values
10 Mar 15 Near predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. MUFs at Townsville were near
predicted monthly values.MUFs at Hobart were enhanced 10-30% at
times. HF conditions are now expected to be good for today as
forecast geomagnetic activity did not occur last night. However,
degraded comms are still expected after March 10.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

2941. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:01:12 UTC
From: dxer@ici.NET
Message-ID: <9503080002.AA17930@spock.ici.net>
Source record: 251067

```
Subscribe
```

2942. Re: Amateur Radio Newsline #9

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:04:00 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <3jivq0$edk@cronkite.ocis.temple.edu>
Source record: 251075

Wayne Day (wday@dfw.net) wrote:
: have that problem!

: Why not bug the BBS sysop to get his BBS fixed? There's no shortage of
: BBS software that will handle longer files!

yea yea!@@@ Get him1!!
yea!!

oof
N3TUV
[AUTO .Sig posting]
##
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
The only thing this bbs is missing
IS YOU!!
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
##

2943. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:04:47 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <Ru+YVvv.edellers@delphi.com>
Source record: 251198

David R Tucker <drt@world.std.com> writes:

>I see, yes. But the frequency you're transmitting doesn't determine
>the service you're in or the rules that apply to you. (Which rules
>apply if you transmit on a shared frequency?) Only your license
>authorization determines what service you're in. An amateur station
>transmitting out of band, whether accidentally or during an emergency
>(when there may be no bands to be out of in the first place), remains
>an amateur station under Part 97. Other service's rules don't apply.

But your license authorization also determines which frequencies are open to you, so an amateur station operating out of band is no more legal than if the same operation took place with no license at all!

2944. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:08:26 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <Rs27Fdi.edellers@delphi.com>
Source record: 251199

<jeffrey@math.hawaii.edu> writes:

>Now don't get mad at me. Get mad at the sheriff/fcc/judge/whomever
>who asks you to give up your HT for xmt'g out-of-band.

The sheriff has no such power. Neither does the judge, unless a Federal judge.

If any such official confiscated my rig I would turn around and swear out a complaint under the Communications Act for tampering with the equipment of a licensed radio station. Frankly, I'm surprised that isn't invoked more often (such as by TV stations whose news crews are interfered with).

2945. Re: Jeff Angus and Hitler quotes in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:08:41 UTC
From: wcoyle@delphi.com
Message-ID: <Zu25dHh.wcoyle@delphi.com>
Source record: 251200

I haven't logged on to this newsgroup for a long time now, and
I come across this.

Without a doubt you should all be ASHAMED of yourselves. Look
at the sensless bickering and arguing. Pitifull. The lame
insults flying back and forth between the users posting here
makes me thing this is some high school forum. Sick without a
doubt. It's time to let it go people. Go on with life, all
this is now is a shouting match. No one is arguing priciple
any more.

Hope I haven't angered anyone, I just wanted to give you the
opportunity of a fresh point of view. I know for sure if I
logged on for the first time and saw this, I would cancel my
internet access in a heartbeat. It kinda reminds me of 80
meters in the late evining. Nothing but arguments and name
calling. Just pause and think about it for five seconds.

Five seconds....
Tnx and 73
Bill, N3OGH

2946. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:09:51 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <RM25tlv.edellers@delphi.com>
Source record: 251201

<jeffrey@math.hawaii.edu> writes:

>Anyone care to guess what percentage of the U.S. is *not* covered
>by at least one amateur rptr?

What's significant is the chance of actually being able to obtain help on
the amateur band. Kerchunks don't save lives.

2947. Re: Yaesu FT-530 Tone scan? can't get to work

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:14:17 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <3jj0d9$edk@cronkite.ocis.temple.edu>
Source record: 251073

1) CTCSS tone scan (finding out what tone is being received)

Yes, I can get the radio to tell me what tone is being used, but is not that
fast, and is not automatic.. I thought I had read somewhere that the
tone scan was automatic. I dunno.. I just bought it, and looking through
the back archives of these newsgroups, I see that it is a common
problem that has been talked about, but never really resolved..
I have to have it in full tone squelch, and then scan the tones from there..
now,, the other part, it says to to fm->0->fm->tone set (2) and listen
for the resulting beeps, if there is one beep, then the radio
is in tone scan, if two beeps then the radio is not in tone scan..
Now that makes me think, because, I can sit here and repair
a Motorola GM300 radio, but I can't understand what the hell the manual
is saying for this! I did it, and my radio dosen't even respond
with that key sequence. If I play around, and hit fm > 2 fm >2 I get a
choice to change the hang time on the ptt key which isn't even document..
(that's documented..) My fingers slipped..

IN any case, I'll call them and ask what they mean in the manual
some day, I thought someone might just know an easy answer.
The other question is if anyone that has bought recently the unit
can recieve the 800 to 940 mhz band.. Now, I don't mean get the display
to say 800 or something like that, I CAN GET the radio to start at
800 mhz and scan all the way up to 940 mhz.. but I don't get a thing.
Yes, I've tried a different antenna, I've even tried my scanner that is
sitting right next to it and found an active frequency that the Yaesu
dosen't even hear - even on full squelch... But in any case, I was
just wondering if they disconnected one of the chip pins or something,
as the mod on the Icom 2410 makes you do..

In any case.. If any one has had any experience with the above problems,
then please lemme know, and we'll get this thing modded' at some point in
time!!

: Have you done the mod to get the extended rx/tx? It won't do it out
: of the box.
Yes, i've done the mod, yes i've reset the cpu,, I know that it
won't recieve it out of the box.. Geez
N3TUV

--

[AUTO .Sig posting]
##
# #
Scanner BBS 610-525-4004

```
# 14.4K / 24 hours/day / no ratios / CD ROM #
# 120 min/day / no verification #
# call today and do all the downloading you #
# want! that is what it's here for! #
# The only thing this bbs is missing #
# IS YOU!! #
# Specializing in Scanner & Ham radio files #
# and catering to Cellular phone interests #
# and Text files galore. #
# #
##################################################
```

2948. General Motors and Radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:19:46 UTC
From: wcoyle@delphi.com
Message-ID: <RM3b9Tp.wcoyle@delphi.com>
Source record: 251076

Hi,
If anyone knows who I would contact at General Motors (Chevrolet) about guidelines for installing 2 way radio equipment in a GM vehicle, please let me know. I tried the customer service # in the owners manual and they were no help. My primary concern is voiding my warranty. I'll be primarily on 2 meters.

Tnx & 73
Bill, N3OGH

2949. Available 2x1 & 1x2 Extr

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:22:00 UTC
From: robert.brandon@camel.com
Message-ID: <8A5048A.00CB0029F8.uuout@camel.com>
Source record: 251206

Hey Mick, I found what I was looking for. I wonder, though, if this guy knows what he's getting into. I'll bet he gets a flood. Oh, well, I figure I've got 64 cents to lose...

BL>@UNEWSGR:01rec.radio.amateur.misc N
BL>From: bob@raddev.com (Bob Levine)
BL>Newsgroups: rec.radio.amateur.misc
BL>Subject: Available 2x1 & 1x2 Extra Callsigns
BL>Date: 7 Mar 1995 01:08:44 GMT
BL>Organization: Radio Devices
BL>
BL>
BL>Using the DLL and programming examples that comes on the
BL>QRZ! CDROM, I wrote a Windows program to find all available
BL>1x2 and 2x1 callsigns (currently unassigned). If you would
BL>like a listing of any district (0-9), then just send me a
BL>SASE to Radio Devices address below.
BL>
BL>If you would like all districts listings (after all you can
BL>select a vanity call from any district regardless of your
BL>address) then send me a 1.44MB 3.5" floppy in a mailer
BL>with return postage.
BL>
BL>If you would like my project listings (Visual Basic), then
BL>send me a floppy in a mailer with return postage as above.
BL>
BL>I am providing this free. I will not email the files due to
BL>their size.
BL>
BL>I have only written the code for 1x2 and 2x1 calls, sorry.
BL>You can easily write your own with the DLL and sources
BL>provided on the CDROM for 2x2, 2x3 etc.
BL>
BL>Bob KD1GG
BL>
BL>==
BL>Radio Devices email for complete cdrom or Ham catalog
BL>32 Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
BL>Marlboro, MA 01752 Linux,OS/2, MAC,Windows,Unix, CICA,SIMTEL
BL>(508)480-0502 KD1GG Ramsey Kits, Antennas West, Power Station
BL>=================== Oak Hills Research QRP Kits,Anli Antennas
BL>Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
BL>==

---
* UniQWK v3.3a* The Windows Mail Reader

2950. Re: <<<<<<<<<<<<<QSL manager software>>>>>>>>>>>>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:26:25 UTC
From: dmadsen@iastate.edu
Message-ID: <dmadsen.794625985@pv7325.vincent.iastate.edu>
Source record: 251203

In <3jiaa1$2q7@dlsn31.dal.mobil.com> "Jake A. Hellbach"
<Jake_A._Hellbach@ccmail.mobil.com> writes:

>I was wondering if any knows if there is software to lookup the
>managers of DX contacts. Maybe on the internet?

Try on the FTP site FTP.FUNET.FI in the /ham/packet/bbs/f6fbb/servers
for the file KE0WODX2.ZIP. The package was meant to run on a FBB BBS as
a server, but a DOS retrieval program is included. It will take about
6MB of hard disk space once installed (this will increase if you update
the database. The .DOC files tell you how to do this).

Probably not exactly what you were looking for, but I do not know of a
QSL manager server you can telnet into on the internet.

73,
Dean - KE0WO

++
+ Dean R Madsen, KE0WO Computer Science Major +
+ Internet: dmadsen@iastate.edu Iowa State Univeristy +
+ ke0wo@iastate.edu Ames, Iowa +
+ AX25: KE0WO @ KE0WO.#NWIA.IA.USA.NA +
+ Secretary for the Tristate Amateur Packet Association +
+ Treasurer for the Cyclone Amateur Radio Club +
++

2951. ?Konan e-mail/FAX or TNT-1050 disk ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:39:45 UTC
From: oh2mkq@krksun.krk.fi
Message-ID: <1995Mar8.013945.4967@krk.fi>
Source record: 251050

[Article crossposted from comp.sys.ibm.pc.hardware,comp.sys.ibm.pc.hardware.storage,junk
]
[Author was oh2mkq@krksun.krk.fi]
[Posted on Tue, 7 Mar 1995 00:33:24 GMT]

Hello,

I need:

-The Support disk for Konan TenTime (inntelligent caching floppy/HD)
controller or

-E-mail address or FAX-nuber for Konan Corporation.
(I have the old: (602) 345-2829 was disconnected/out of order)

Thanks.

--
Janne

2952. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 01:50:10 UTC
From: w9sz@prairienet.org
Message-ID: <3jj2gi$c1v@vixen.cso.uiuc.edu>
Source record: 251202

In a previous article, dfinley@newshost.aoc.nrao.edu (Dave Finley) says:

>
>Yes, unfortunately, this happens.
>
>This kind of behavior, though, is exactly why, even though I moved
>out of 1-land and upgraded to Extra, I kept my N1 call.
>
>For your statistics, here's an Extra who started out as a no-code
>Tech. There are many of us.
>
>Funny, I don't hear this kind of rude behavior on the Extra CW bands.
>
>Dave, N1IRZ
>
>
>

Yes, that's true; you hear a totally different type of rude behavior
on the Extra CW bands!

Listen in on a pileup (or join in) on some rare DX who is working split
(listening up a few kHz from his transmitting frequency) some time!
Invariably someone will send "CALL?" followed by a chorus of "UP UP"
which seems to invoke someone tuning right on top of the DX which
incites a chorus of "LID LID" mixed in with obscenities.

When it gets too bad I give up for a while and go get a snack!

Some of the recent ones that were really bad were VP8SGP, D2XX, SU2MT.

Oh well, it's still fun to brave the pileups most of time anyway...but
I'm just pointing this out as it seems no segment of the hobby (except
maybe VHF/UHF SSB DXing) is free of this!

I've been a ham for 27 years and have had my Extra for 23 years. It seems
this type of behavior wasn't nearly so prevalent 20 years ago.

Perhaps it's the Zeitgeist?

73, Zack W9SZ

2953. Re: Hams with 2m in Honda Accord?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 02:39:18 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D53opI.3J2@zeno.fit.edu>
Source record: 251072

In article <199503071526.KAA00671@penny.n2wx.ampr.org>,
Howard Goldstein <hg@n2wx.mpcs.COM> wrote:
>I wish to correspond with amateurs who have sucessfully installed 2m
>equpiment in a Honda Accord for advice and comments. Please reply via
>email.
>
>Howie N2WX
>hg@n2wx.mpcs.com

KI4TG has a hole saw, i think....is there enough room on the car to
have a DC to Light installation? (of course, the problem would be
where to put all the radios...) but who needs a back seat?

(poor Howie...he wants a serious answer and he gets me...)

)

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

2954. Re: Australian Wireless gopher

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 02:56:48 UTC
From: dave@eram.esi.com.au
Message-ID: <3jj6dg$2d6@eram.esi.com.au>
Source record: 251074

In article <9503032200.AA10653@metro.mccneb.edu>,
pmarsh@metro.mccneb.EDU (Paul Marsh) writes:

| FWIW - the Wireless Associations of Australia have disaster management

1) It's Wireless Institute of Australia (WIA).
2) It's not the WIA anyway, it's WICEN (Wireless Institute Civil Emergency
Network; an affiliate of same.

| information on a gopher: brain.vifp.monash.edu.au
| Select the disaster menu item.

And pretty good it is too.

| Note that you are going over the aerial birds to get this -- expect minor
| delays.

It was cable, last I looked. The delays are because it's Oz's sole link
to the rest of the world.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

2955. Old Radio Books FS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 03:46:07 UTC
From: "John Green"
Message-ID: <3jj99v$he9$1@garnet.msen.com>
Source record: 251208

Old Radio Books FS

Prices include postage in U.S.

reply email john@musicman.com

Fortune, J.Douglas. Amateur Radio: A Beginner's Guide. Chicago: Thordarson Electric Mfg. Co, 1940. Hard cover, 155 pages, 103 illustrations. Very good condition. $12

Rider, John F. The Cathode-Ray Tube at Work. New York: John F. Rider Publisher, 1938; 18th printing. Hard cover, 336 pages, illustrated. Excellent condition. $16

2956. Re: FT-51R Batery Eliminator

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 03:47:42 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3jj9cu$qt1@umcc.umcc.umich.edu>
Source record: 251207

In article <3jfu8p$mbn@beacon.moontower.com>,
Dick Kriss <dkriss@moontower.com> wrote:
>
>
>I purchased, and had to send back, the W&W battery eliminator for
>the FT-51R. The problem was it steps the voltage down from 12 or
>13 volts to 8.0 volts. My understanding is the FT-51R needs 9.6
>volts to generate full power.
>
>Anyone know of a battery eliminator for the FT-51R that will
>provide 9.6 volts?
>
>Dick, kd5vu
>
>
>==
> Richard (Dick) Kriss Personal: dkriss@moontower.com
> 904 Dartmoor Cove Amateur: kd5vu@kd5vu.ampr.org
> Austin, Texas 78746 Work: kriss@austin.lockheed.com
> 512-327-9566 386-4153 Packet: KD5VU @ W5SYT.#AUS.TX.USA.NA
>==
>

Problem is at 5 watts the radios get very hot. The Yaesu version of the
battery eliminator is about $80 but the radio slips into it and a fan is
built in to it right behind the top rear of the radio to keep your unit
from overheating at 5 watts..
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

2957. Re: cw...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 03:47:50 UTC
From: RickR <76463.2713@CompuServe.COM>
Message-ID: <3jj9d6cai1@mhadf.production.compuserve.com>
Source record: 251071

I agree Lenny... I'm working on 20 WPM to upgrade to Xtra so I
can get to the lower part of the band....

However, the speeds down there are a lot faster than 20WPM.

Particularly during sprints and DX contests.

--
KK5JV

2958. Lafayette,LA Hamfest '95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 04:39:06 UTC
From: pws8157@ucs.usl.edu
Message-ID: <3jjcda$6qh@rouge.usl.edu>
Source record: 251211

just a reminder . . . .

the Acadiana Amateur Radio Association's Lafayette Hamfest '95 is

THIS weekend, March 10-11-12, at the Holiday Inn Central/Holidome

here in Lafayette . . . there'll be forums, dealers, swap tables,

Louisiana Council of Amateur Radio Clubs meeting, and much more . . .

hope to see ya'll der, cher!

73 de ka5nmn
pat

* *
* Patrick W. Soileau, KA5NMN * packet: ka5nmn@w5ddl.#lft.la.usa.noam *
* 101 Amethyst Lane * Internet: ka5nmn@usl.edu psoileau@usl.edu *
* Lafayette, LA 70506-3844 * pws@usl.edu pat@usl.edu *
* Home Phone: (318) 989-8940 * "These are my own views & comments, not USL's"*
* *

2959. When to recharge a FT-51R w/FNB-38

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 04:44:46 UTC
From: dkriss@moontower.com
Message-ID: <3jjcnu$5ul@beacon.moontower.com>
Source record: 251212

I have a new user question on the Yaesu FT-51R Dual-Band talkie. I use the FNB-38 (9.6 volt, 600 mAh) battery and have no idea when it is about to crap out. By using the Function-0 Option 25 command I noticed the reading starts out at about 11++ volts, then drops off to about 9.6 volts, after use. With my old FT-530 I could tell if the battery needed to be recharged when voltage started to drop below 6.0 volts and was used up at 5.5 volts.

At what voltage does the FNB-38 need to get in the charger? Also, how do you know the NC-38B Charger (one provided by Yaesu with the 51R/FNB-38) is charging? No red LED or any indicatian it is doing its thing.

Dick - KD5VU
Austin, Texas

==
Richard (Dick) Kriss Personal: dkriss@moontower.com
904 Dartmoor Cove Amateur: kd5vu@kd5vu.ampr.org
Austin, Texas 78746 Work: kriss@austin.lockheed.com
512-327-9566 386-4153 Packet: KD5VU @ W5SYT.#AUS.TX.USA.NA
==

2960. RIDE TO KULPSVILLE WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 05:28:39 UTC
From: h2osport@intac.com
Message-ID: <3jjfa7$o47@uucp.intac.com>
Source record: 251079

HI ALL!
ARE YOU GOING TO ATTEND THE SWL WINTERFEST '95? AS MOST OF YOU KNOW THE
FEST WILL BE HELD AT THE HOLIDAY INN IN KULPSVILLE, PA. WHAT I'M LOOKING
FOR IS A RIDE FROM THE BERGEN COUNTY AREA OF NEW JERSEY! I'M A VISUALLY
IMPAIRED PERSON A (VIP) WHO WISHES TO ATTEND! I AM WILLING TO PAY FOR THE
FUEL ONE WAY! ATTACHED IS THE INFO ON THE FEST! i WOULD APPRECIATE A QUICK
RESPONCE ON THIS, AS THE FEST IS ON THE 16TH OF THIS MONTH!!!!! PLEASE
EMAIL H2OSPORT@INTAC.COM
THANK YOU
JOHN J. ABBAMONT
KA2HOI

2961. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 07:16:39 UTC
From: pbutlalj@ia.net
Message-ID: <3jjlkn$nir@allanon.ia.net>
Source record: 251083

In article <3jf1ls$94i@crchh327.bnr.ca>, jwittich@b4pph107.bnr.ca says...

>
>G'day guys. There are lots of one-way transmissions on ham radio. The
>law permits one way transmission of things such as news items of interest
>to the ham community, and code practice, but what doesn't seem to be
addressed
>by part 97 are the things like keying a radio with a pl tone on to see
>if it activates the tone squelch of another radio, and general fooling
>around on the bench. Ham
>radio is about experimentation, and it sounds like that is what you
>will be doing. If it were me, I'd prolly just go for it. A good way to
>identify the ATV station on board the aircraft is to hold your QSL card
>in front of the plane for a few seconds just before takeoff. Most
>R/C flights are 5 to 8 minutes, so the 10 minute rule will be easy
>to keep up with.
>
>Let us know how it goes.
>
>73.
>Jeff - AC4ZO

The FCC allows the control of RC vehicles in the Amateur 6 meter
band and that is a one way transmission. The thing about the TV signal
coming back from the airplane is that it is feedback for the pilot or
something like that. Besides there is nothng in the rules prohibiting one
way rtansmissions. It is broadcasting that is not legal. This is a one way
transmission that can be demonstrated to be intended for reception by
someone. Also if it is coordinated properly they will not be causing
interference with anyone else.

One suggestion would be to go to the 900 MHz or 1200 MHz band to use
for the downlink so that it does not interfere with the RC receiver in the
airplae. Also the antennas for these bands are smaller than for the 430 MHz
band.

Al Butler KA0IES

2962. mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 08:34:19 UTC
From: gregr22985@aol.com
Message-ID: <3jjq6b$fi6@newsbf02.news.aol.com>
Source record: 251086

If you take off the bottom plate of the battery and cut the blue wire you will get full cell phone and air craft and police freqs..If you cut the red wire(it's a little harder to find)you will get full transmite on all ,but 800 mgs...

73..KC7GHY

2963. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 09:28:37 UTC
From: randolph@est.enet.dec.com
Message-ID: <3jkgvh$6m2@mrnews.mro.dec.com>
Source record: 251042
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <3j8q89$9c3@emerald.oz.net>, djohnson@oz.net writes...
>Well worth the sale price...Hell, it's well worth full price. This is a great
>rig made by Maxon. The fact that is has no ability to receive modification
>shouldn't scare you away, it should bring you into the store. This rig has
>such a tight front end, you'll have the best image rejection of anything
>I've yet seen.
>David Johnson - KJ7GA "That's no moon...That's a space station."

Yup, my wife has the 202, and I get to play with it a lot... This radio never ceases to amaze me! Hooked up to an outside antenna, it makes a decent base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery, virtually zero intermod, images, or desense, and we're two miles line-of-sight to a big pager/commercial site. Handheld, I can hear repeaters from deep inside the building here at work, where normally the digital crud would drown out everything. The back of the radio is cast aluminum, which gives it a nice solid look and feel. This is also the heat sink. It does so many "game-boy" things, as Gary would say, that I can't remember them all, including stuff like one-button transmit of a DTMF string, DTMF code squelch, etc, etc.

If want a radio for communications, you really can't beat it at $200-250 new. If you want a scanner built in, you'll pay a lot more, and get less communications capability. I also own an IC2AT, the thumbwheel "brick" that's supposed to be such a great radio. To be honest, it's next to useless in any high RF environment, in comparison to the HTX202.

I do like to play with radios that can rcv DC to daylight. Scanning can be fun, and even useful at times. Let's hope the manufacturers continue the trend toward making these kinds of radios tighter, with sliding bandpass filters in the front ends. My old scanners have a crappy implementation of something similar, and let's just say I hope the new transceivers do better.

-Tom R. N1OOQ randolph@est.enet.dec.com

2964. Re: Reliable transcontinen

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 10:44:50 UTC
From: k0hb@hamlink.mn.org
Message-ID: <794664145.AA00646@hamlink.mn.org>
Source record: 251118

GG>Try being helpful instead of condescending.

Good advice Coffman.

2965. Re: ARRL Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:00:09 UTC
From: scotte@ccs.neu.edu
Message-ID: <3jk689$180@narnia.ccs.neu.edu>
Source record: 251031

In article <dannyb-0503951709090001@net203.metronet.com>,
Daniel <dannyb@metronet.com> wrote:
>Does anyone know the URL for the ARRL Web homepage?

As the person who put the ARRL on the Web, their URL is:

http://www.acs.oakland.edu/barc/arrl.html

I'll ask the FAQ coordinator to place this in the RRAM FAQ.

If you have any questions, comments, etc about the page, please e-mail me
direct.

Thanks.

73,

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

2966. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:08:02 UTC
From: drt@world.std.com
Message-ID: <D54F1E.GqF@world.std.com>
Source record: 251089

Ed Ellers (edellers@delphi.com) wrote:
: David R Tucker <drt@world.std.com> writes:
:
: >I see, yes. But the frequency you're transmitting doesn't determine
: >the service you're in or the rules that apply to you. (Which rules
: >apply if you transmit on a shared frequency?) Only your license
: >authorization determines what service you're in. An amateur station
: >transmitting out of band, whether accidentally or during an emergency
: >(when there may be no bands to be out of in the first place), remains
: >an amateur station under Part 97. Other service's rules don't apply.
:
: But your license authorization also determines which frequencies are open to
: you, so an amateur station operating out of band is no more legal than if the
: same operation took place with no license at all!

And which frequencies are open to an amateur station in distress? All
of them. ("any means at its disposal", 97.405)

(Maybe you mean it goes the other way? That an unlicensed station in
distress is legally able to transmit anywhere too? Interesting!
Probably so.)

-drt

|David R. Tucker KG2S drt@world.std.com|

2967. Help on receiving USA broadcast in UK

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:15:33 UTC
From: jstone@spit.demon.co.uk
Message-ID: <jstone-0803951215330001@spit.demon.co.uk>
Source record: 251098

Dear All,

I am a complete radio novice living in the UK with a passion for USA baseball. I need to find out if it is possible to pick up any american radio broadcasts that will be transmitting baseball games.

I have been told by an independent source that the USA armed forces radio might be a viable avenue for me, how do I pick this up?

Will I need to invest in some hi tech equipment, and if so what?

If this is the wrong newgroup for my query then I am sorry but I do not know. Please point me in the right direction or answer my plea by E-MAILING me, as my newsreader is not picking up anything I actually write for some reason.

2968. Re: When to recharge a FT-51R w/FNB-38

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:43:46 UTC
From: jjmartin@world.std.com
Message-ID: <D54Goy.n48@world.std.com>
Source record: 251036

In article <3jjcnu$5ul@beacon.moontower.com>, dkriss@moontower.com (Dick Kriss) says:
>
>I have a new user question on the Yaesu FT-51R Dual-Band talkie. I use the
>FNB-38 (9.6 volt, 600 mAh) battery and have no idea when it is about to crap
>out. By using the Function-0 Option 25 command I noticed the reading starts
>out at about 11++ volts, then drops off to about 9.6 volts, after use. With my
>old FT-530 I could tell if the battery needed to be recharged when voltage
>started to drop below 6.0 volts and was used up at 5.5 volts.
>
>At what voltage does the FNB-38 need to get in the charger? Also, how do you
>know the NC-38B Charger (one provided by Yaesu with the 51R/FNB-38) is
>charging? No red LED or any indicatian it is doing its thing.

Hi Dick,

You'll either have to use a voltmeter to make sure that you have a charging votlage with the NC-38B or take it in blind faith that the unit is working. Not all chargers require some indication, like an LED to show that they work. I have been charging HT batteries for years in the chargers supplied with the radio.

It really doesn't bother me to operate my 530 until the battery power goes so low that the unit will not operate properly. I carry another battery pack around and just swap them out and put the other one in the charger.

Seems we are beginning to expect everything from any piece of equipment we have. You can buy
an NC-50 with the adapters CA-## for whichever battery packs you'll be charging if you want indicator lights on your charger. There aren't too many wall chargers supplied with handheld
radios that have the niceties as a charge light, etc.

Hope this helps.

73 de wk1v
-jim-
::
::: Check out; http://www.umbra.com/hro :::
::: HRO is on the web :::
::

2969. Comment 03/08/95 04:56

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:45:26 UTC
From: bill.phelps@billbrd.iglou.com
Message-ID: <950309060102952@billbrd.iglou.com>
Source record: 251099

```
-> Bill, hey, hows it going?
-> I was curious as to whether you have gotten a bigger hard drive yet?
-> And also, while an adult 30 subscriber about 4 weeks, or so, ago, you
-> adult section did not contain all the listed files. And while d\l'ing
-> all that i could ther was about six days or so that i didn't d\l beca
-> of the files being unavailable, and was curious as to whether you can
-> extend me those 6 days credit now or when the gifa towards the end ha
-> been restored?
-> Again thanxs and.....................later
================================================
Hi James,

I have extended you account, There should be many new adult files since
the beginning of February. There is a flaw when I add them from CD-ROM,
it keeps their original date so many of them don't show up in the [N]ew
files since option. The new drive has been ordered but has not arrived.
Bill
```

2970. Re: Ss results?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:51:03 UTC
From: k0hb@hamlink.mn.org
Message-ID: <794680480.AA00653@hamlink.mn.org>
Source record: 251085

They are published in the May issue of QST. GL!

73, de Hans, K0HB

2971. Re: ARRL Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 12:53:10 UTC
From: Mike Chaloner G0UGR <mikech@hpcpbla.bri.hp.com>
Message-ID: <D54H4M.5H4@bri.hp.com>
Source record: 251038

> Does anyone know the URL for the ARRL Web homepage?

http://www.acs.oakland.edu/barc/arrl.html

73 G0UGR

2972. Re: Amateur bands for RC models ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 13:23:06 UTC
From: landers@dbsun.vitek.com
Message-ID: <3jkb3q$ok4@dbsun.vitek.com>
Source record: 251040

In article <3jf3dg$94i@crchh327.bnr.ca> jwittich@b4pph107.bnr.ca (Jeffrey Wittich) writes:
>In article <3je0qs$rr1@newsbf02.news.aol.com>, horrock@aol.com (Horrock) writes:

>Are you asking for opinions? On usenet? Heh heh.
>OK, here's mine. I don't like to see model aircraft operated on the ham
>bands, and I discourage it within my extrordinarily small circle of
>influence. One reason is that the band plan is generally not known
>well enough for models to be safe from experimentors, or anyone else with
>a VFO. If they stray into the RC part of the band, a 1 to 3 HP engine
>spinning a prop at 10 to 15 thousand RPM is going out of control. Not a
>good situation. Another reason I discourage it is that a lot of RC
>equipment gets sold via consignment at small local hobby shops. If a
>guy is going to upgrade a radio, he is usaually going to sell his old
>one with an old plane using this market. The hobby dealer prolly
>doenen't know about ham radio, and may not care if he did know. He
>just wants his fifteen percent. This puts non-hams on the ham bands.
>We'd all hate to think one of our own (hams) would let a radio get
>sold this way, but I've seen it happen. I knew better that to try to
>tell the new owner that he bought a radio he can't legally use.

That's kind of an extreme situation. Here in St. Louis, the 6 meter band
is rarely used due to KTVI, Channel 2. I fly RC models and use ham
channel 02, and have never had any problems.

As far as putting non-hams on the band, well in our RC flying club we know
all the hams. There are 4 of us, and when any one of us sees a ham frequency
being used, we find out who it is, introduce ourselves, and we mention
our call. If we don't get a call back, we get kinda suspicious. If we feel
that the guy is not a ham, we contact the safety officer, because our AMA
insurance is no longer valid if a non-ham is using a ham frequency. It is
self-policing.

BTW, there are few places one can fly in St. Louis, so it's not like
you can use this thing in you backyard (unless you have 5 acres or more...)
I only know of three places one can fly at, our club, Buder park and part of
Dunagan park in St. Louis (part because some guy crashed his plan through
the roof of a residential house, and they got the county council to
restrict flying over part of the park).

The only caution I would have using ham RC channels, is that due to the
stupid FCC rules (IMHO), the ham cannot have a non-ham buddy take the
transmitter and control the aircraft. This is not my interpretation, it
is the FCC's who issued a ruling especially on this back in 1980. ARRL
agrees with this (hence it probably won't change), and this was
extensively written about in the January and March 1995 AMA magazines.

73, Rod, WI0T

2973. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 13:23:36 UTC
From: jdgan@symnet.net
Message-ID: <3jkb4o$2mq@core.symnet.net>
Source record: 251093

PGSPersEng (pgsperseng@aol.com) wrote:
: :>I've got an FT-530 but can't work the local repeater from my home; a
: mile
: :>down the road it works fine. I suspect a high-gain antenna might do the
: :>trick. Any suggestions on which ones to consider?

: :I suspect a *high* antenna is what you need, one that will clear;
: :the obstruction that's blocking your signal at home but not 1 mile
: :down the road. Get a topo map, find the ridge, and figure out how
: :high an antenna will need to be at your house to clear the first
: :Fresnel zone. That'll fix you right up. Even a legal limit amplifier
: :and high gain antenna won't burn through the dirt and rock of the
: :blocking ridge, but a high antenna will give you line of sight so
: :your peanut whistle will be full quieting into the repeater.

: Original poster (AA1MI) responds:
: Well, if it weren't for the fact that I'm on the NH seacoast, which is
: *very* flat and with almost no multistory buildings around, I might be
: tempted to try that trick. But I'm not sure how much it'll buy me.
You could also be in a high interference area <dead spot>. There is one
or two street intersections in my town <are..sorryG> where even the local
commercial stations get severe EMI due to paging, cellular,
microwave<very localised> towers. A public power substation nearby could
be another source.

Jim
KE4RWQ
--
Sig

2974. Re: General Motors and Radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 13:24:10 UTC
From: fontam@clark.net
Message-ID: <3jkb5q$4nj@clarknet.clark.net>
Source record: 251094

Bill, I have contacted the 800 customer service number when I got my 93 GEO and they sent me out a package that showed where to run cables, and place the antenna. Chevy is pretty good about supplying the info so you may want to try calling again. The people that answer the phone don't always seem to be on the ball, just be persistant and you should get the info you need. 73 Marc AA3JQ

wcoyle@delphi.com wrote:
: Hi,
: If anyone knows who I would contact at General Motors
: (Chevrolet) about guidelines for installing 2 way radio
: equipment in a GM vehicle, please let me know. I tried the
: customer service # in the owners manual and they were no help.
: My primary concern is voiding my warranty. I'll be primarily on
: 2 meters.
:
: Tnx & 73
: Bill, N3OGH

2975. Re: Considering a Surge Protector?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 14:03:48 UTC
From: mmoss@gelac.lasc.lockheed.com
Message-ID: <3jk6oa$nno@pong.lasc.lockheed.com>
Source record: 251092

In article <3jhoc3$uo@newsbf02.news.aol.com>, <lydiapolk@aol.com>
writes:
> Path:
please send surge article to me .....thanks

2976. Re: ANY HAM groups near Reading

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 14:29:45 UTC
From: simon@terri.enet.dec.com
Message-ID: <1995Mar8.142945.7906@janix.mfr.dec.com>
Source record: 251034
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur

Reading and District Amateur Radio Soc. (RADARC) Winner of HF National Field Day 4 times running. Meets second and forth Thursday of each month at Woodford Pavillion, Woodford Park, Woodley. Meeting tonight I beleive is about CW.

The meeting starts about 20:00, for directions try ether GB3RD on 145.675 or GB3BK.

Simon
G6ZTZ

2977. mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 14:40:00 UTC
From: jangus@skyld.grendel.com
Message-ID: <794673600snx@skyld.grendel.com>
Source record: 251056

In article <3jjq6b$fi6@newsbf02.news.aol.com> gregr22985@aol.com writes:

> If you take off the bottom plate of the battery and cut the blue wire you
> will get full cell phone and air craft and police freqs..If you cut the
> red wire(it's a little harder to find)you will get full transmite on all
> ,but 800 mgs...

That's nice, but what make and model are you talking about?

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

2978. LOGic 4

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 14:43:20 UTC
From: ys@isr.harvard.edu
Message-ID: <3jkfq8$gd1@decaxp.harvard.edu>
Source record: 251101

Hi, I am trying to decide whether I should buy PDA's LOGic 4 or AEA's Log Windows Version 2.0. I have some positive comments about Log Windows, and I would like to hear comments about LOGic 4 from current users. Thanks!

73, Yuzuru Suzuki, AA1JA (e-mail: ys@isr.harvard.edu)

2979. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 14:50:52 UTC
From: g6jpg@gec-mrc.co.uk
Message-ID: <3jkg8c$cmd@miranda.gmrc.gecm.com>
Source record: 251107
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

Gordon Couger (gcouger@jsun.okstate.edu) wrote:
[]
: >Text Deleted
[]
: The content of the internet traffic often breaks many part 97
: rules. Commercial content, fowl language and pronography.

^^^^ does this mean talking turkey?
--
J. P. Gilliver (John) | Tel: +44 1245 473331 x 3133
GEC-Marconi Research Centre | Fax: +44 1245 475244 or 478639
GEC-Marconi Ltd, Great Baddow |Home: G6JPG@soft255.demon.co.uk, G6JPG@GB7NNA
Chelmsford, Essex UK CM2 8HN | Email: g6jpg@gec-mrc.co.uk

2980. Re: Yaesu FT-530 Tone scan? can't get to work

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 15:10:00 UTC
From: wjturner@iastate.edu
Message-ID: <3jkhc8$rik@news.iastate.edu>
Source record: 251043

In article <kreifels.794595734@fmwu23>,
Jerry Kreifels <kreifels@intel.com> wrote:
> If the repeater doesn't output the tones, your only chance is to
>try listening on the input frequency. If you can find someone near you
>(so you get a strong signal) you may be able to decode the tones that
>way. I have no luck with a relatively weak signal.

You could always just try different tones... Maybe not a fast way, or
even desirable in any way...

2981. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 15:46:03 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar8.154603.23246@ke4zv.atl.ga.us>
Source record: 251052

In article <3jhqse$s8r@hacgate2.hac.com> suggs@tcville.es.hac.com writes:
>In article 6970@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>>Of course you know that the rules also say that no provision of part
>>>97 prevents the use of any means needed to get help in an emergency.
>>>(97.405)
>
>Actually, it says "No provision of these rules..." It does not specify
>whether "these rules" means part 97, or all of Title 47 of the CFR, or
>only the subparagraphs of 97.405.

You are correct. However, provisions generally applicable to all of
CFR47 appear in Part 2. Wording similar to 97.405 is found in some,
but not all, other parts of CFR47. My interpretation of the intent
of that expression is to apply only to the particular part in which
it is found since that is the pattern of intent found in other places
in CFR47 where such expressions are used.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2982. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 16:01:32 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar8.160132.23344@ke4zv.atl.ga.us>
Source record: 251053

In article <3jhsfa$lae@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <1995Mar6.151157.14253@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>In article <3jb59r$9p1@newsbf02.news.aol.com> pgsperseng@aol.com (PGSPersEng) writes:
>>>:>I've got an FT-530 but can't work the local repeater from my home; a mile
>>>:>down the road it works fine. I suspect a high-gain antenna might do the
>>>:>trick. Any suggestions on which ones to consider?
>
>>In any of those cases, height will solve the problem, antenna gain alone
>>probably will not. I'll stand by my advice to get a topo map and find out
>>why you aren't getting normal free space response at the second location.
>
>The original poster asked about a a high-gain antenna for his
>portable. A good antenna on his roof would most likely be the best
>solution but if he doesn't want to spend the extra cash and likes
>portability, I still think the AEA is the way to go. I disagree that
>"antenna gain alone probably will not" solve the problem, especially if
>he hits the repeater just fine a mile away. From inside my apartment,
>I can't hit our local repeater with my rubber duck but my AEA Hot Rod
>OR my discone (mounted on my second floor ceiling) works just fine.

Consider this, to go from a good signal to gone takes about -12 db
with a typical FM receiver (-20 db if you're a purist about what "good"
means). Now I haven't seen many rubber ducks that have 12 db of gain over
the factory rubber duck. Actually, that's a poor way of stating the case.
I should say that I haven't encountered many factory ducks that have 12 db
more *loss* than some aftermarket ducks, saying any duck has "gain" is a
misnomer. If that actually is the case here, then I'll agree that changing
ducks may solve the problem. I just consider it unlikely. That same lossy
duck worked just fine only a mile away. *Something* is causing at least
12 db of path loss between those points. It can't be just free space loss
unless the working point is right on top of the repeater.

At least the poster *said* it worked just fine a mile away. Now the
real situation could have been that he was marginal at that point,
just barely above the squelch threshold, but everyone was too polite
to tell him that his signal really sucked. In that case, only a couple
db less loss may do the trick from his house. It's hard to get realistic
signal reports.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

2983. Re: Amateur bands for RC models ?...Been there, done that

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 16:06:11 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar8.160611.23434@ke4zv.atl.ga.us>
Source record: 251054

In article <3jhqlt$mv1@gnd0.rmc.edu> dtiller@rmc.edu (David Tiller) writes:
>fiz (fiz@lamar.colostate.edu) wrote:
>: In article <3j70gp$bpm@gamma.norand.com>, bassettc@norand.com (Chuck Bassett) says:
>: > I have a student in the Novice/Tech class Im teaching that wishes to
>: >use ATV to transmit from a RC model plane so they can get a cockpit view
>: >from the ground. This sounds like a one way transmission.
>
>Not a one-way transmission. Two licensed ham stations are involved - the
>transmitter, the aircraft that ID's with your call, and the receiver, you on
>the ground. The intended receiver of the signal is a ham station, not the
>general public.

No. It *is* a one way transmission, it's just not a *broadcast*. Two
specific stations are involved, one transmitting, one receiving. For
it not to be a one way transmission, *both* stations must transmit
and receive, *exhanging* communications.

>By the previous posters logic a remote receiver for a repeater is a one way
>transmission.

It *is*, and it's specifically allowed under the auxillary operation
rules, 97.201(e).

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2984. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 16:31:00 UTC
From: cmoore@sedona.intel.com
Message-ID: <3jkm44$f99@chnews.intel.com>
Source record: 251082

In article <95030714462@alb.med.itc.com>,
Alan Braun <abraun@alb.med.itc.com> wrote:

>Seriously, there _are_ some disabilities that interfere with a person's
>ability to copy code to the extent that they couldn't pass a CW test;
>however, most of those disabilities also significantly interfere with a
>person's ability to pass a written test.

Hi Alan, at last an expert. When I hit a note on a piano and ask my Dad to hum the note, he cannot do it. During CW training, I let him hear what a dit sounds like and what a dah sounds like. Then I send one or the other and ask him, was that a dit or a dah. He doesn't have a clue. He otherwise has a high IQ and is a retired Postmaster and accountant. What could be his problem? At 3x the tone-width difference, he cannot tell the difference. At about 6x-7x the tone-width difference, he can.
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

2985. Ford RFI phone #?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 16:59:20 UTC
From: aa2du@netcom.com
Message-ID: <aa2duD54sIx.JFH@netcom.com>
Source record: 251051

Hi all, I am looking for the phone number of the Ford Motor
Company's RFI engineering department. The regular Ford
800 number is of no use to me, as they only want to connect
you to an individuals last name, not department.

I don't really care if it's an 800 number or not.

Thanks in advance,

J.P. AA2DU

--
****
J.P. Kleinhaus, AA2DU
ARRL Hudson Division C.A.C. Representative
E-mail: aa2du@netcom.com
aa2du@aa2du.slip.netcom.com
Compu$erve: 74660,2606

TVI?? What TVI??!
****

2986. Re: <<<<<<<<<<<<<QSL manager software>>>>>>>>>>>>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:02:02 UTC
From: "John A. VOGRINETZ" <johnv@aec.env.gov.ab.ca>
Message-ID: <3jknua$718@nntp.gov.ab.ca>
Source record: 251057

"Jake A. Hellbach" <Jake_A._Hellbach@ccmail.mobil.com> wrote:
>
> I was wondering if any knows if there is software to lookup the
> managers of DX contacts. Maybe on the internet?
>
> Thanks, Jake KK5HY

> email: Jake_A._Hellbach@ccmail.mobil.com

Hi Jake,

Try http://promet12.cineca.it/htlzh/qsl.html

IK4LZH has set up a QSL manager database at this site that is fully
interactive,by that I mean you can search for managers or if you
know of a route you can add it to the database.I think there are about
30,000 entries so far and it can only get better as more people use it
and contribute to the database.

73 de John VE6FR ex-VE6JAV aka CJ6V.

2987. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:08:45 UTC
From: nick@cs.unc.edu
Message-ID: <3jkoat$7el@altair.cs.unc.edu>
Source record: 251049

I kept my KD4CPL call when I upgraded to Advanced to help break the unfortunate anti-newcomer bias that a few hams have. I get a lot of double-takes when I wear my QCWA badge with what looks like a "no-code" call (I was originally licensed 30 years ago, but let my ticket expire in the 70's). It helps open people up when they meet someone they think might be a newbie, but designs computer graphics hardware for a living and repairs and operates vintage AM ham gear for fun.

I sympathize with you guys who have gotten a hard time, but really think there are only a few rotten apples in the barrel - I know the clubs and repeater folks around here have been very supportive and welcoming to new hams as have the vintage radio (boatanchor) afficianados I hang out with on the air and at hamfests.

Hang in there and don't let a few mental midgets keep you from enjoying and exploring a great hobby. 73.

Nick KD4CPL
nick@cs.unc.edu

2988. Re: When to recharge a FT-51R w/FNB-38

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:32:28 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3jkpnc$rjv@umcc.umcc.umich.edu>
Source record: 251055

In article <3jjcnu$5ul@beacon.moontower.com>,
Dick Kriss <dkriss@moontower.com> wrote:
>I have a new user question on the Yaesu FT-51R Dual-Band talkie. I use the
>FNB-38 (9.6 volt, 600 mAh) battery and have no idea when it is about to crap
>out. By using the Function-0 Option 25 command I noticed the reading starts
>out at about 11++ volts, then drops off to about 9.6 volts, after use. With my
>old FT-530 I could tell if the battery needed to be recharged when voltage
>started to drop below 6.0 volts and was used up at 5.5 volts.
>
>At what voltage does the FNB-38 need to get in the charger? Also, how do you
>know the NC-38B Charger (one provided by Yaesu with the 51R/FNB-38) is
>charging? No red LED or any indicatian it is doing its thing.
>
>Dick - KD5VU
>Austin, Texas
>
>
>===
> Richard (Dick) Kriss Personal: dkriss@moontower.com
> 904 Dartmoor Cove Amateur: kd5vu@kd5vu.ampr.org
> Austin, Texas 78746 Work: kriss@austin.lockheed.com
> 512-327-9566 386-4153 Packet: KD5VU @ W5SYT.#AUS.TX.USA.NA
>===
>
>

Dick

The battery needs charging when the flashing battery comes up on the
lower right of the display. Basically when the voltage falls below the
rating of 9.6 it begins to fall rapidly from then on.

The supplied charger is not much in the way of being useful. I bought the
Master Charger from W&W in N.Y. It will charge any battery in .5 to 2.5
hours and switches to trickle charge when nearing full charge. It has an
LED that lights up when quick charging and it flashes when it switches to
trickle. They also sell batteries that look just like the Yaesu batteries
but are much cheaper and in most cases of a higher capacity.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

2989. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:41:44 UTC
From: rusty@btg.com
Message-ID: <3jkq8o$2et@pop.btg.com>
Source record: 251113

In article <wsw.180.01665C32@cellware.de>,
Stefan Wimmer <wsw@cellware.de> wrote:
>In article <3ih96f$n6s@mercury.wright.edu> gsmith@alpha.wright.edu (Gregory Smith)
writes:
>>From: gsmith@alpha.wright.edu (Gregory Smith)
>
>>Judith Rogow (jrogow@ridgecrest.ca.us) wrote:
>>> When I got mine, my OM said "TTH, Huh? Truly Terrific Ham"
>>> Even if I get Extra one of these days, I'll *always* keep N7TTH!
>
>>I am Number 8 Private Parking Zone(n8ppz) I have a friend who got
>>N8PUU(that really stinks)
>> -73- De Greg, N8PPZ
>
>
>I really like my DD6FM (I'm doing SSB anyway :))
>Stefan

I always liked N0AA from Silver Spring, MD, who, along with his wife,
N0KYZ, helps out with SkyWarn activities from time to time. NOAA ==
National Oceanic & Atmospheric Administration, under which the NWS
(National Weather Service) is incorporated. Good folks, those two!

-Rusty-

--
_____ Rusty Haddock ## KD4WLZ -- Weird Looking Zucchini
|\/ o \ o DOMAIN: rusty@btg.com UUCP: uunet!btg!rusty
| (-< O o I planted my antenna farm and aluminum and copper poles
|/__V__/ came up. The strange thing is that I used steel seeds.

2990. Re: I'm a newbie, put a kick me label on my butt

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:45:35 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D54uo0.LMx@hpqmoea.sqf.hp.com>
Source record: 251104

Perry Chamberlain (kato@qnet.com) wrote:
: Well, I certainly learn fast, don't open your mouth til yer sure what you
: are talking about.

That's generally good advice in all circumstances. It's just a little more difficult to implement when some extremist or another is trying to stir arguments up. These people have reached the level of utterly unshakable belief, it doesn't matter whether their beliefs are right or wrong, they cannot be argued, steered or hounded into a position where they can appreciate the validity of any other viewpoint. In past cases where everyone ignored them, they went away, or, at least, went quiet. I've watched all manner of hardened extremists argue on this forum, I don't recall ever seeing one succeed in changing another.

: thanks to those who helped me out of my mess
: you know who you are

I've found some excellent people in this group. The amateur radio groups seem to have an intensity in arguments that is, fortunately, not present in other groups I've browsed (rec. equestrian is positively friendly). Are the pro/anti CW and pro/anti gun control arguments mostly American things, or is this just an impression fostered by the current population distribution of the internet?

The die-hard argument merchants are few in number, easily spotted, and easily ignored.

: I'll be listening for a while before I stick my foot in my mouth again.
: 73 de shot himself in the foot

You're not the first....

Cheers,
David GM4ZNX

PS: Being ignored is probably the only weapon that the extremists feel.

2991. Beacons on HF

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:53:16 UTC
From: MCW <simont@post.its.mcw.edu>
Message-ID: <3jkquc$fka@post.its.mcw.edu>
Source record: 251103

Hi there,

Can any kind person out there provide me with/tell me where I can find
a list of beacons on frequencies under 30Mhz that I can use to
guestimate propagation conditions? I believe they are published in
one of the ARRL books but I was wondering if there was anywhere I
could obtain a list via the Internet, ie WWW or FTP?

Thanks for any help anyone can give me.

Simon G1SNT

Medical College of Wisconsin, Milwaukee.
simont@post.its.mcw.edu

2992. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:55:57 UTC
From: horak@convex.com
Message-ID: <3jkr3d$838@eugene.convex.com>
Source record: 251102

In <1995Mar8.160132.23344@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <3jhsfa$lae@eugene.convex.com> horak@convex.com (David Horak) writes:
>>In <1995Mar6.151157.14253@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>
>>I still think the AEA is the way to go. I disagree that
>>"antenna gain alone probably will not" solve the problem, especially if
>>he hits the repeater just fine a mile away. From inside my apartment,
>>I can't hit our local repeater with my rubber duck but my AEA Hot Rod
>>OR my discone (mounted on my second floor ceiling) works just fine.

>Consider this, to go from a good signal to gone takes about -12 db
>with a typical FM receiver (-20 db if you're a purist about what "good"
>means). Now I haven't seen many rubber ducks that have 12 db of gain over
>the factory rubber duck. Actually, that's a poor way of stating the case.
>I should say that I haven't encountered many factory ducks that have 12 db
>more *loss* than some aftermarket ducks, saying any duck has "gain" is a
>misnomer.

The AEA Hot Rod isn't a duck. Maybe you should try one sometime.
You *might* be amazed.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2993. Re: Out-of-band emergency calls (REPOST)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:56:25 UTC
From: "Walter L. Zorn" <zornwl@cosmail4.ctd.ornl.gov>
Message-ID: <62353.zornwl@cosmail4.ctd.ornl.gov>
Source record: 251122

On 7 Mar 1995 14:43:50 -0600,
David A. Webb <mudaw@uxa.ecn.bgu.edu> wrote:

>In speaking with Mr. Monte Dupont of the Wireless
>Telecommunications Bureau of the FCC, I discovered that in his
>opinion, which I assume is that of the whole Bureau, 97.403 means
>any licensed ham can use any frequency, in any radio service, at
>his disposal in an emergency. Mr Dupont saw my point about the
>technical definitions of 'amateur station' and 'amateur service',
>but he said that I was going overboard. Fine, I can accept that.
>I hoped it was legal to use police frequencies in an emergency.
>

David, let's not assume. There is at least one person with a radio no longer in thier possession out there. Can you get Mr. Monte Dupont of the Wireless Telecommunications Bureau of the FCC to put the above in writing - on FCC letterhead with signature? Can you supply me with your contact information so I can take this action concurrent (or independent) of yours. I would like to carry same letter with me on travel - a case of need. Maybe just pack it everywhere along with my license.

Walt / KF0OS

2994. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 17:58:27 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar8.175827.23967@ke4zv.atl.ga.us>
Source record: 251112

In article <Rs27Fdi.edellers@delphi.com> Ed Ellers <edellers@delphi.com> writes:
><jeffrey@math.hawaii.edu> writes:
>
>>Now don't get mad at me. Get mad at the sheriff/fcc/judge/whomever
>>who asks you to give up your HT for xmt'g out-of-band.
>
>The sheriff has no such power. Neither does the judge, unless a Federal
>judge.

True, local and State officials have no jurisdiction over Federal crimes.
However, they can charge you with interference with a police officer, a
local/State crime, and make it stick. They can seize anything you used to
commit that crime, and require forfeiture as part of the sentence for
that crime in the same way they could make you forfeit a Federally licensed
aircraft you'd used to buzz one of their cruisers.

>If any such official confiscated my rig I would turn around and swear out a
>complaint under the Communications Act for tampering with the equipment of a
>licensed radio station. Frankly, I'm surprised that isn't invoked more often
>(such as by TV stations whose news crews are interfered with).

News crews rarely carry the station transmitting apparatus around with
them. It's usually in a building at the base of a tall tower.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2995. Q: Existence of Non-VOX headsets for HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 18:17:39 UTC
From: doug_barlow@novell.com
Message-ID: <3jksc3$eti@grok.provo.Novell.COM>
Source record: 251105

Hello-

I am looking for a headset for my HT that is non-voice activated.
It seems like the VOX-only headsets are very common. I just don't
want to have to turn off my HT every time I want to talk to a person
next to me.

Does a headset exist that has dual modes: VOX and Non-VOX (PTT) settings?
If it matters, I have a 2m Yaesu 11R.

Doug
KC7JCL

2996. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 18:44:58 UTC
From: derry@NeXTwork.Rose-Hulman.Edu
Message-ID: <3jktva$5fq@master.cs.rose-hulman.edu>
Source record: 251109

I think that you can easily learn Morse code (BTW, it's NOT Morris code)
at 5 words per minute.

I have never met a ham yet who couldn't copy 5 wpm after some practice.
Of course such people may exist, but then so do lottery winners.

73 de Jack, K9CUN

2997. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 18:49:15 UTC
From: davros@news.eden.com
Message-ID: <3jku7b$60d@matrix.eden.com>
Source record: 251117

This is a very unfortunate attitude. Fortunately, in this area (Austin, TX), it's not so widespread. True, we've got our share of it--who doesn't?--but it's not as bad as it sounds like it is in other places, thankfully. I've met lots of hams, myself; lots of them are codeless; lots of them are not. Some of them were rude jerks; some of them were lids; most of them were not. And, it seems to me, codeless (or for that matter, coded) hams don't have a monopoly on rude jerks and lids. (Good thing.)

It is, as you all say, interesting that the rude behaviour isn't so prevalent on cw, even during big pileups. I mean, big pileups are a mess, generally, but I'd much rather slog through a cw pileup than a phone one. Have you ever listened to a pileup on 20 meters? Of course you have. I avoid them...and all those rude jerks and lids have passed a code test, too. Proves nothing. (But if I had my way, I'd still require a sending test...hehe... :))

--
Buddy Brannan, KB5ELV | Mary had a little lamb.
(512)441-3246 (Home) | Her father shot it dead.
Internet: davros@eden.com | Now Mary takes her lamb to school
davros@ccwf.cc.utexas.edu | Between two bits of bread.

2998. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 18:51:03 UTC
From: sorgatz@avatar.tti.com
Message-ID: <1995Mar8.185103.10261@ttinews.tti.com>
Source record: 251110

In article <3jctms$isi@newsbf02.news.aol.com> jmmorrison@aol.com (Jmmorrison) writes:
>Is 420mhz-430mhz reserved strictly for ATV or can it be used for low power
>simplex comms also?
>
>Thanks,
>John M Morrison, Detroit, MI
>
>P.S. In Metro Detroit, 420-430mhz can't be used at all for amateur radio
>but I was just wondering about most areas of the country.

Thats because you're in that 'corridor' that the FCC unwisely decided to let those greedy commercial interests in CANADA simply have the damn band rather than duke it out in court - pussys! So instead of having ATV, simplex, and repeater links, you guys can listen to a bunch of cheap-assed frog-business band garbage, and that one remaining Canadian Radar (which is a totally and unarguabily a political canard - it only works about 4 months out of the year and even then the area it sweeps borders the US and the big Lake, so like whats the freakin point?) Unit which mostly QRM's the band!

Here in So. Cal we have a similar unit that the lame-asses in UncleSam's Canoe Club refuse to give up, it's located at the Navy's test center in Point Magu...damn thing sounds awful! Qrm's the band from 419-439 MHz and makes trouble for everybody.

There *might* be some reason to run antique radars and business-band at 420-430 but you can bet your very-last 2N222 that it's some kind of politically motivated one rather than being based on sound engineering! Acckkpt! Kinda reminds me of the asinine mess at 7.1-7.3...and they call themselves 'planners'..HA!

(and if you clowns from the Fine Candy Company are reading this: keep in mind that we, the People are still possessed with the option that states "..to alter or abolish.." and that includes the FCC...so watch it!)

And that goes double for the bungling bureaucrats at the ITU!

sorgatz@avatar.tti.com (or:es@soldev.tti.com) *Eliminate net-spam & cascades!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +------------------------------+
(THE OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)
(This material Copyright 1995, All rights reserved)

2999. Washington DC Area Hamfest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 19:07:47 UTC
From: gttm@cais2.cais.com
Message-ID: <3jkva3$lq8@news.cais.com>
Source record: 251111

Does anyone know when and where the next Hamfest is in the DC area?

--

```
+ COAST GUARD COMMUNICATIONS +
| |
| Telephone: (202) 267-2860 U.S. Coast Guard (G-TTM) |
| Fax: (202) 267-4106 Washington DC 20593 |
| Internet: CGComms/g-t07@cgsmtp.comdt.uscg.mil |
+-----------------------------------------------------------------------------+
```

3000. Re: Chimney Mount Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 19:12:30 UTC
From: little@iamu.chi.dec.com
Message-ID: <3jkviu$6su@jac.zko.dec.com>
Source record: 251070

In article <sf5b308b.020@lan.mcl.bdm.com>, WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:
|>I live in a rental house and I plan on attaching an antenna mast to my
|>chimney. The chimney won't be used because of a poor draft, so I don't
|>have to worry about soot coating the antenna. My big concern is
|>grounding. All of the information I have on grounding refers to towers.

What size antennas are you planning on attaching to this mast? Please
note that chimneys are *not* very good antenna supports. They can handle
very little in the way of over turning forces. The mortar that holds
them together depends upon a lot of weight and very little over turning
forces. Put up too great of a wind load and your chimney's poor draft
problems may get solved in a big way.

--
73, Member of RACES, ARRL, Arlington Communications League.
Todd Trained weather spotter and sponsor of the Hunting Ridge
N9MWB Elementary School Radio Club. See you on 160-1296 and OSCAR.

3001. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 19:17:37 UTC
From: rglass@triton.unm.edu
Message-ID: <3jkvsh$pbm@lynx.unm.edu>
Source record: 251059
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

Mark Oppenheim (Mark@Tetherless.com) wrote:
: There are a number of license-free 900 MHz spread spectrum
: modems out there, giving bit rates from 9600 baud to T-1 speeds,
: although the faster that you go, the range does tend to suffer.

. though 25 miles is pushing it as far as SS
: technology and <1 watt power are concerned (including interference
: from other users in that band). In other words, you need a literal
: line of sight path, and some very good antennas to make this
: work at all.

A couple of dish antennas should do the job.Each should be high enough to get above the surrounding landscrape ;and high enought to get line of sight.

: This is done as a "Part 15" device, and you do not need any sort
: of license for this at all.. in fact, the way that the amateur
: rules about SS are currently written, it's not legal to use any
: of the presently-available commercially made equipment under
: a ham license. Go figure.

: It's do-able, just not in everyone's case.

: Mark
: KD6KQ

If it's legaal to use without a ham license . I would say it's legal to use if you just happen to have a ham license. It would be like saying cb radio is legal for everyone but license ham radio operators.

3002. AARUG-NOAM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 19:43:40 UTC
From: bstaffor@dialin.INd.NET
Message-ID: <Pine.SUN.3.91.950308144229.24800D-100000@dialin.ind.net>
Source record: 251114

Announcing the formation of AMIGA Amateur Radio Users Group - North America.
For more information email me at bstaffor@dialin.ind.net

```
>>>>>>>>>>>>>>>>>>>><><><><><><><><><><><><><><><><><><><><><><><><
| Bob Stafford N9USD |
| Walkerton, Indiana 46574 |
| ***** bstaffor@dialin.ind.net ***** |
|Breast cancer affects men too. Ask any of the one-thousand|
| men who will get it this year. |
>>>>>>>>>>>>>>>>>>>><><><><><><><><><><><><><><><><><><><><><><><><
```

3003. Re: LOGic 4

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 19:54:38 UTC
From: bsplaine@sr.hp.com
Message-ID: <3jl21u$kq0@canyon.sr.hp.com>
Source record: 251119

I don't think you could possible be dissatisfied with Logic4 Windows.
Support is great too.......

--
/\/\/\

3004. RE: TNC+MODEM+MOUSE=COM P

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 19:59:00 UTC
From: tom.alldread@kbsbbs.com
Message-ID: <95030818205618414@kbsbbs.com>
Source record: 251144

G>abraun>COM 1 /IRQ 4 = mouse (mouse CANNOT SHARE AN IRQ WITH ANYTHING ELSE!)
>abraun>COM 2 /IRQ 3 = TNC (actually it's outboard rather than internal but th
>abraun> shouldn't matter)
>abraun>COM 3 is disabled
>abraun>COM 4 /IRQ 3 = modem - for a 14.4 or 28.8 modem you should have a 1655
>abraun> UART on whatever port you're using for the modem
>abraun>IRQ 2 = DVP board
>abraun>IRQ 5 = sound blaster
(snipped)

Greetings All:

For those that need extra independent serial ports Lava Computer
MFG. Inc. in Canada at 416-674-5942 sell a series of I/O cards that can
be configured for IRQ 2, 3, 4, 5, 10, 11, 12 or 13. Most com port
cards do not provide for configuration to the IRQs above 7 thus limit
the choices. For example Lava have a dual 16550 serial port card, model
Lava DB9-550, that is priced at $34.00 Canadian funds in single unit
quantities.

I have no connection with Lava but was able to help a friend get
around a serial port conflict problem involving a mouse, TNC, modem and
a fourth com port using the aforementioned product.

73 de VE7TMA

---
* QMPro 1.53 * Very Best Regards, tom.alldread@kbsbbs.com

3005. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 20:37:59 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D552nB.4tv@news.hawaii.edu>
Source record: 251095

gfiber@halcyon.com (Gary P. Fiber) writes:

>EVERY Amateur radio receiver that operates above 30 MHz is subject to Part 15 rules.
>
>EVERY Amateur radio manufacturer submits his radio for Part 15 testing within a certain
>frequency range, and is then Type Accepted for receiving certain frequency range of
operation.
>
>Many times even the wide receive modifications are not legal as the receiver has not been
tested
>in those frequency ranges, therefore would not pass FCC Part 15.

Gary brings up an excellent point here. Any mods one makes to their
HT's receiver might cause interference to other services (remember,
your receiver is an oscillator and emits low-level RF). Even those
`opening up' their scanners might end up with a receiver that is
violating Part 15 regs due to illegal emissions.

Jeff NH6IL

3006. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 20:44:18 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D552xu.4yE@news.hawaii.edu>
Source record: 251096

suggs@tcville.es.hac.com writes:

>gfiber@halcyon.com (Gary P. Fiber) writes:

>>EVERY Amateur radio receiver that operates above 30 MHz is subject to Part 15 rules.
^^^^^^^^
>But modifying a radio (or even building one from scratch) isn't subject to
>part 15 or part 97 or any other FCC rules. Only operating it is!

Hi Brian,
Were you planning on not listening to your HT? As Gary implied, if
you modify your HT's receiver it might be in violation of Part 15
due to illegal emissions. Turning the receiver on is `operating' it.

Jeff NH6IL

3007. Subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 21:06:22 UTC
From: floydjr@nando.NET
Message-ID: <Pine.SUN.3.90.950308160351.19410B-100000@merlin.nando.net>
Source record: 251061

Not sure this is the place I am suppose to send this or not. I am new to internet and trying to find out all the info on ham radio I can. My call is WA4ZXA, Jim Floyd, Thomasville, NC. Not sure how to use Usenet or newsgroup. Tnx fer any help you can be. 73's JIM

3008. Re: Washington DC Area Hamfest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 21:15:01 UTC
From: RJYT51A@prodigy.com
Message-ID: <3jl6ol$68e@usenetw1.news.prodigy.com>
Source record: 251058

Hello, this is Phil N5QCN at Ft. Meade, Md. This is a hamfest at the Timonium Fair Grounds, on March 25th and 26th. If you don't know where Timonium is, it's just on the Northside of Baltimore. There is a Talkin on 146.670 / - so you can probably get on there and find more details. If you need anymore info, go ahead and e-mail me. 73 Phil N5QCN

3009. Solar Electric Power for Emergencies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 21:31:54 UTC
From: Greenberg@aerospace.aero.org
Message-ID: <Greenberg-080395132257@greenberg-t.aero.org>
Source record: 251060

I am looking for persons and references for designing and building a solar electric power station, using deep cycle batteries and a trickle charging circuit. I'd like responses from anyone with experience and sources where equipment can be purchased. This will be for operating a 2m/440 rig on battery power only. Max. current draw is 11.2 amps on transmit. Thanks for the help.

73, Steve WA6TAF
(310) 336-7903

3010. ARLB023 FCC call sign update

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 21:52:19 UTC
From: w1aw@arrl.org
Message-ID: <$arlb023.1995@ampr.org>
Source record: 251062
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB023
ARLB023 FCC call sign update

ZCZC AG89
QST de W1AW
ARRL Bulletin 23 ARLB023
From ARRL Headquarters
Newington CT March 8, 1995
To all radio amateurs

SB QST ARL ARLB023
ARLB023 FCC call sign update

FCC call sign update

The following is a list of the FCC's most recently issued call signs
as of March 1.

District Group A Group B Group C Group D
Extra Advanced Tech/Gen Novice

0 AA0WM KG0UD ++ KB0RFW
1 AA1MK KD1ZZ N1UKU KB1BOC
2 AA2WK KG2BJ ++ KB2TTD
3 AA3KJ KE3RS N3UPB KB3BGN
4 AE4EC KS4QB ++ KE4WEV
5 AC5AZ KK5LJ ++ KC5MXP
6 AC6KX KO6QY ++ KE6RKO
7 AB7IK KJ7KR ++ KC7JFS
8 AA8SN KG8PM ++ KB8YBA
9 AA9OA KG9AS ++ KB9JLU
N. Mariana KH0Q ++ KH0DT ++
Guam WH2L AH2CZ KH2NC ++
Midway ++ AH4AA KH4AG WH4AAH
Hawaii ++ AH6NY ++ WH6CSX
Amer. Samoa AH8M AH8AH KH8CG WH8ABB
Alaska ++ AL7PY ++ WL7CLA
Virgin WP2Q KP2CD NP2IA WP2AHV
Puerto Rico ++ KP4YW ++ WP4MWU

++All call signs in this group have been issued in this area.
NNNN
/EX
```

3011. Grounding

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 22:19:00 UTC
From: john.hiatt@alley.com
Message-ID: <d3.2167.1120@alley.com>
Source record: 251097

WW>I live in a rental house and I plan on attaching an antenna mast to my
WW>chimney. The chimney won't be used because of a poor draft, so I don't
WW>have to worry about soot coating the antenna. My big concern is
WW>grounding. All of the information I have on grounding refers to towers.
WW>Can someone let me know what would be the best way to ground the
WW>antenna and mast?

Thats funny. All the information I have on grounding just says to run
the 'ground'. Nothing ever seems to mention exactly how to accomplish
this. I would like to get a discone mounted this spring and have no
idea how to ground it.

john.hiatt@alley.com

---
* OLX 2.1 TD * Use tasteful words, you might have to eat them later!

3012. 3-8-95 New Affiliates for HR&M

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 23:09:55 UTC
From: lenwink@indirect.com
Message-ID: <D559oJ.EzK@indirect.com>
Source record: 251133

NEW AS OF 3-08-95:
Ham Radio & More Station List:
The following list can change often....

Arkansas: KNWA, 1600am, Bellefonte
Arizona: KFNN, 1510am, Phoenix
Conneticut: WATR, 1320am, Hartford
Florida: WFFG, 1300am, Miami, Florida Keys
WIPC, 1280am, Tampa, St. Pete
Illinois: WKTA, 1330am, Chicago
WBGZ, 1570am, Alton
Indiana: WPDJ, 1300am, Huntington/Ft. Wayne
Kentucky: WMTA, 1380am, Central City
Louisiana: KGGM, 93.5fm, Monroe
Massach: BOSTON CABLE CHANNEL 38B, BOSTON
WKPE, 1170am, Orleans
WNBH, 1340am, New Bedord, Providence
Michigan: WMKT, 1270am, Traverse City, Cadillac
Missouri: WBGZ, 1570am, St. Louis
KSLQ, 1350am, Washington
KNWA, 1600am, Springfield
N. Carolina:WEEB, 990am, Fayetteville
WCRY, 1460am, Raleigh/Durham
WSKY, 1230am, Greenville, Spartanburg
Nebraska: KICS, 1550am, Hastings/Lincoln
Oklahoma: KTMC, 1400am, Tulsa, Mcalester
KADS, 1240am, Oklahoma City
Oregon: KBNP, 1410am, Portland
Penn: WJMW, 550am, Scranton, Wilkes Barre
S. Carolina:WPCC, 1410am, Clinton
Tenn: WRWB, 740am, Knoxville
Utah: K26DI,Channel 26, TV, Castledale
KTKK, 630am, Salt Lake City
Vermont: WSYB, 1380am, Rutland
W. Virginia:WWNR, 620am, Bluefield, Beckley

Ham Radio & More is on the Talk America Network. It is aired live every Sunday at 6:00pm EST, originating from Phoenix, Arizona. It can be heard via TVRO satellite on Spacenet 3, Transponder 9, 6.8 audio. Our toll free listener call-in line is 1-800-298-TALK. The originating station number is 1-602-241-1510 for more information. Any radio station can air the show FREE OF CHARGE.

Also, be sure to check out our WWW Home Page. It has information on upcoming shows, reviews of past shows, and even theme music. It is updated courtesy of the Boston Amateur Radio Club.

Access it at:
http://www.acs.oakland.edu/barc/ham-more.html

73, Len, KB7LPW

3013. Re: Filth and guns...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 23:11:36 UTC
From: wcoyle@delphi.com
Message-ID: <x8xbdvg.wcoyle@delphi.com>
Source record: 251132

Actually, I don't think he should even be asked to remove it.
People may not like his tagline, and it may even offend folks.
But asking him to remove is tantamount to censorship. The
bottom line is that it got everyone to think about the issue.
Tnx &73
Bill
N3OGH

3014. IPS Daily Report - 08 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 23:30:09 UTC
From: rwc@ips.oz.au
Message-ID: <3jlem1$sbo@flare.syd.ips.oz.au>
Source record: 251068
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 08/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 08 MARCH AND FORECAST FOR 09 MARCH - 11 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 81/22

GOES satellite data for 07 Mar
Daily Proton Fluence >1 MeV: 3.3E+05
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 2.5E+07 (normal)
X-ray background: A7.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
09 Mar 10 Mar 11 Mar
Activity Low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 09 Mar: 78/17

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 07 Mar
Learmonth 5 2221 1122
Fredericksburg 8 3
Planetary 10 4

Observed Kp for 07 Mar: 1111 1211
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
09 Mar 6 Quiet to unsettled
10 Mar 20 Active
11 Mar 20 Active
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Expected active levels have not yet
eventuated. Active to minor storm levels are still expected
commencing March 10.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
08 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
09 Mar normal normal normal
10 Mar normal fair poor
11 Mar normal fair poor

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
08 Mar 40 15% enhanced during local day then near predicted
monthly values.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
09 Mar 40 About 15% above predicted monthly values
10 Mar 10 Near predicted monthly values
11 Mar 10 Near predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. HF conditions are now expected
to be good for today as forecast geomagnetic activity did not occur
last night. However, degraded comms are still expected after March
10.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3015. Re: Information

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-08 23:35:47 UTC
From: ehare@arrl.org
Message-ID: <1995Mar8.233547.15728@arrl.org>
Source record: 251134

Avery N3tou (Avery.N3tou@f418.n109.z1.fidonet.org) wrote:

: Why not call the AARL in Connecticut and ask for one of their
: publication catalogs. Their telephone number is 203-666-1541. They
: have a great book called the PACKET COMPANION which explains the
: digital modes fairly well.

: Good Luck
: Avery N3TOU

Thanks for the referral, Avery. I'll go you one better; an ARRL catalog appears in each issue of QST, received by all ARRL Members. If anyone is not a Member, and you would like a free catalog, send email to djahnke@arrl.org and ask for a publications catalog. (We will pay the stamp!) Include your name, callsign and postal address. If you are not an ARRL Member, we will include a Membership brochure, describing ARRL benefits, and a Membership application.

The text of the catalog and Membership benefits are available electronically from the ARRL automated electronic mail server, info@arrl.org and by ftp from the ARRL area at oak.oakland.edu.

If you have questions about our technical books, direct them to tis@arrl.org. Questions about other books can be directed to djahnke, or to the book editor.

73 from ARRL HQ, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

3016. Re: Q: Existence of Non-VOX headsets for HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 01:20:55 UTC
From: ddillon@csulb.edu
Message-ID: <3jll5n$n3l@garuda.csulb.edu>
Source record: 251136

Doug Barlow (doug_barlow@novell.com) wrote:
: Hello-

: I am looking for a headset for my HT that is non-voice activated.
: It seems like the VOX-only headsets are very common. I just don't
: want to have to turn off my HT every time I want to talk to a person
: next to me.

: Does a headset exist that has dual modes: VOX and Non-VOX (PTT) settings?
: If it matters, I have a 2m Yaesu 11R.

: Doug
: KC7JCL
If it has the same pinout for the mic and speaker jack as the ft470, look
for a headset mic for that radio. Non-vox only.

3017. HRO phone # needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 02:01:14 UTC
From: hubbert@minerva.cis.yale.edu
Message-ID: <3jlnha$k4t@news.ycc.yale.edu>
Source record: 251142
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Please email or post the 800#
thanks

3018. The Triple H Net (Hank's Helping Hands)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 03:23:05 UTC
From: pgeorge@sallie.wellesley.edu
Message-ID: <9MAR95.03230510@sallie.wellesley.edu>
Source record: 251078

I remembered a DX Net from the 1980s called "The Triple H Net" on 7238 that was anchored by a "Hank" Greenburg (W2LTP) from New Jersey. The net was designed to help new amateurs in getting states and countries that the new hams would need. I am wondering if this net is still active on 7238 and what time they proceed for check-ins.
I also am wondering if W2LTP is still active. He was always a very colorful character on the bands when I used to listen to the check-ins from around the globe. Thank you for your help.

Peter Q. George (N1GGP)
Randolph, Massachusetts

73/pse qsl

3019. Q: Existence of Non-VOX headsets for HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 03:32:22 UTC
From: jangus@skyld.grendel.com
Message-ID: <794719942snx@skyld.grendel.com>
Source record: 251141

In article <3jksc3$eti@grok.provo.Novell.COM> doug_barlow@novell.com writes:

> I am looking for a headset for my HT that is non-voice activated.
> It seems like the VOX-only headsets are very common. I just don't
> want to have to turn off my HT every time I want to talk to a person
> next to me.

Icom sells (or used to) sell a VOX switch box. And there were several
various cables available to use it with other brand radios if I remember
right.

Nice headset, boom mic and single foam padded ear phone. PTT was switched
on-off-momentary.

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

3020. Springfest '95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 03:39:42 UTC
From: arca@phx-az.com
Message-ID: <9503082041561012 3@phx-az.com>
Source record: 251084

F.A.R.E.

ARCA PRESENTS ARRL

THE AMATEUR RADIO COUNCIL OF ARIZONA

SpringFest '95
ARCA ARRL
At Scottsdale Community College
Located East Of Pima Road On Chaparell

TALK-IN: 146.76-

SCOTTSDALE, ARIZONA

MARCH 11, 1995

MAIN PRIZES FREE ADMISION
---------- TAILGATING $5.00
PARKING $2.00
Grand Prize > $500.00 Gift Certificate
Second Prize > $300.00 Gift Certificate CAMPING:
Third Prize > $200.00 Gift Certificate After 3:00 P.M. Friday
Early Bird > $50.00 Gift Certificate NO Hookups
Self Contained ONLY
HOURLY DOOR PRIZES
MUST BE PRESENT TO WIN.

TICKETS: $1.00 EACH OR 6 FOR $5.00

T-HUNT SEMINARS YOUTH PROGRAMS LECTURES MEETINGS

VE EXAMS:
REGISTRATION: 8:00-10:30 A.M.
You MUST have original and one copy of your license and/or any applicable
C.S.C.E. Photo I.D. Required. WALK-INS ONLY. For Exam Information Call:
Dave Kelley, AA7TQ at 602-963-3527

NO-CODE TECHNICIAN CLASS

For Information and registration contact:
Morgan Riley, N7DLW at 602-938-4356

NO FIREARMS, BOOZE, DRUGS ALLOWED ON CAMPUS.
ALL PETS MUST BE ON A LEASH.

ARIZONA TAX REGULATIONS WILL BE IN EFFECT.

This is an ARRL Sanctioned EVENT.

For More Information Call F.A.R.E. - Len Winkler, KB7LPW at 602-861-0303
Or ARCA - Mark Kesauer, N7KKQ at 602-843-0960

OR VIA E-MAIL: ARCA@PHX-AZ.COM
FAX: 912-0426

3021. ICOM IC-2GXAT Mod's

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 04:00:18 UTC
From: Mike Hensley <kc4wgu@digital.net>
Message-ID: <3jlugj$bv@ddi2.digital.net>
Source record: 251077

I'm still looking for any mod info for the icom 2gxat handheld.
If any info please email.. TNX Mike

3022. Area Code Net(?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 05:08:44 UTC
From: jjmartin@world.std.com
Message-ID: <D55qAL.LBq@world.std.com>
Source record: 251080

In the early 80s I used to check into a 75 meter phone net where
the objective was to collect contacts from the different telephone
area code sections of this country. I don't remember what the name
of the net was but was run something akin to the 3905 Century Club Net.

What happen to this area code net? Does anyone know or remember
working via that net?

Thanks

-jim- WK1V

::
::: Ham Radio Outlet Home Page on the Web :::
::: http://www.umbra.com/hro :::
::

3023. Re: General Motors and Radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 08:13:24 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.415.0011D6B6@mail.mei.com>
Source record: 251152

In article <RM3b9Tp.wcoyle@delphi.com> wcoyle@delphi.com writes:

>Hi,
> If anyone knows who I would contact at General Motors
>(Chevrolet) about guidelines for installing 2 way radio
>equipment in a GM vehicle, please let me know.

Now why would you want to ruin a perfectly good
radio buy installing a Chevrolet around it? ;-))

--
Just a Sticky Wheel on the Grocery Cart of Life

kevin.jessup@mail.mei.com ** I prefer PGP encrypted Email **

3024. CORRUPTED HAMS...AND MOUNTAINS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 08:20:04 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.416.0017F112@mail.mei.com>
Source record: 251154

In article <9503062035.0SX6N00@ccxbbs.uunet.ve> wolfgang.scherer@ccxbbs.uunet.ve writes:

> I was reading the October 94 QST, and found the article "Backpacking, Troop
>404 Style" pretty interesting. It makes account of the use of portable HF gear
>during a typical weekend hike.

Kind of off-subject, but...

I have been totally corrupted by amateur radio. My wife agrees.
I used to be able to hike up a good-sized "mountain", or even a
typical observation tower and enjoy the beautiful view of nature.

Now, I can't help but thinking, "Gee, I wonder how many contacts
I could make from here" or "What a great place for a repeater!".

--
Just a Sticky Wheel on the Grocery Cart of Life

kevin.jessup@mail.mei.com ** I prefer PGP encrypted Email **

3025. Re: Programmer Wanted (Chicag

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 08:22:49 UTC
From: bcieslak@mkelan5.remnet.ab.com
Message-ID: <bcieslak.76.00086148@mkelan5.remnet.ab.com>
Source record: 251157

There was a time when ham radio was considered a pool ot technical expertise...one of the reasons that ham radio has been allowed to exist in this country along with public service and emergency communiations etc... (I say that because I remember there being a Part 97 type question about the charter of ham radio on my novice exam about 25 years ago and not a political statement)

I consider it an honor that they looked here instead of just ignoring us all together. Maybe its just a perk of the hobby that we have the reputation of being that source of technical expertise and considered by potential employers before others.

73 ,
Brian
AE9K

In article
<9503042252252530@nohobbs.org> brian.parker@nohobbs.org (Brian Parker)
writes:>From: brian.parker@nohobbs.org (Brian Parker)>Subject: Programmer
Wanted (Chicag>Date: Sat, 4 Mar 1995 00:37:00 GMT

>R>{From: robin@mcs.com (Robin Atkinson)
> >{I've got a job opening for a full-time computer programmer. Requires UNIX
> >{experience. Informix-4gl experience a plus. This is a regular job, not a
> >{consulting gig. Some travel required.

> So what does this have to do with HAM Radio??

>brian.parker@nohobbs.org
>---
> • QMPro 1.51 • Character is what you know you are, not what others think

3026. Re: Q: Existence of Non-VOX headsets for HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 08:44:34 UTC
From: acsrds@myhost.subdomain.domain
Message-ID: <3jmf5i$a91@mark.ucdavis.edu>
Source record: 251088

You should be able to turn the VOX off at the HT. This is the way all
the different Yaesu HTs I own work.

Robert Schulz KC6UDS
rdschulz@ucdavis.edu

Doug Barlow (doug_barlow@novell.com) wrote:
: Hello-

: I am looking for a headset for my HT that is non-voice activated.
: It seems like the VOX-only headsets are very common. I just don't
: want to have to turn off my HT every time I want to talk to a person
: next to me.

: Does a headset exist that has dual modes: VOX and Non-VOX (PTT) settings?
: If it matters, I have a 2m Yaesu 11R.

: Doug
: KC7JCL

3027. NYC Info needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 08:57:58 UTC
From: brucem@eskimo.com
Message-ID: <D560wM.E9K@eskimo.com>
Source record: 251087

I'll be coming to NYC in May for about a week. Would like to learn in advance of the 146/440 scene in NYC, as I plan to bring along my HT. If any one can provide info, please email me at brucem@eskimo.com.

Thanks.

3028. IOTA Hamvention in Russia

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 09:18:40 UTC
From: victor@ibpm.serpukhov.su
Message-ID: <victor.56.0@ibpm.serpukhov.su>
Source record: 251090

To the radioamateurs of IOTA !

The organizing committee (the organizer "Russian Robinson Club") invites all the radio-amateurs who want and who are interested in the world insular programm IOTA to take part in the International radio-amateurs hamvention devoted to the 30-th IOTA programm annivesiry which will take place in Russia, in Lipetsk on the 13th-14th of May 1995. It's aim is popularization of IOTA/RRA movement in Russia and other countries of the world. You are supposed to have interesting meetings and acquaintances with IOTA expeditionaries and IOTA hunters, with the members of "Russian Robinson Club";

- new intersting projects of IOTA travellings in 1995-1996;
- summing up of radio-amateurs questioning "The best IOTA DX'pedition '94" and "The best IOTA DX'pedition '94 in Russia";
- official spreading of IOTA-directory;
- introduction and review of videofilms: 4J1FW 4J1FM (UY5XE), XF4M (RA3AUU), RZ3AZO/1 (RW3GW), "The North Pole" (RA3MR) and many others.
- presentation of the special issue of the journal "30 years of IOTA", stands with "Russian Robinson Club" activity;
- lottery without loss (interesting prices);
- organizing a football match between combined teams of DXCC and IOTA (football lovers must have sportforms and sport boots);
- organizing of the exhibition of the museum;
- a holyday dinner/party and many others interesting things.

We'll be grateful to you for introducing materials (articles, slides, videofilms, publications and others) for conference.
Messrs IOTA-expeditionaries and IOTA-hunters we are waiting for you at our IOTA meeting, for the first time in Russia ! You are welcome ! The guests from foreign countries will be met in Moscow and shown to the place where the conference will be held by the assistants of the organizing committee of the conference.

Tel. 7 (0742) 43-43-78 Albert RV3GW, Lipetsk.
7 (095) 348-73-88 Igor R3/ER2CQ, Moscow.
Fax. 7 (0742) 72-03-28
7 (0742) 72-05-01
7 (0742) 72-03-66

Make applications to the address: Valery Sushkov RW3GW P.O. Box 3, Lipetsk, 398000, Russia.

Packet: RW3GU @ RK3KP.MSK.RUS.EU
AmprNet: rw3gu@gw.ra3apw.ampr.org
Internet: root@ref.stinol.lipetsk.su

73! de RX3DIN Victor

3029. Re: GB2ATG (March 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 09:48:17 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D5638I.C7t@hpqmoea.sqf.hp.com>
Source record: 251091

BryanT6634 (bryant6634@aol.com) wrote:
: Iain, would it not be more proper to post the times in UTC???

: I'm in the U.S., and have no real clue as to what local time in the U.K.
: is in relation to me.....
: Bryan, N1LLK

A fair enough request!

British local time (in winter) actually *IS* UTC

(in summer it is UTC+1)

We'll be changing over in a few weeks. Somehow it won't make it seem
like summer....

David GM4ZNX

3030. RE: QSL manager software

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 12:59:12 UTC
From: klimas@uhavax.hartford.EDU
Message-ID: <0098D184.82DF9A00.71@uhavax.hartford.edu>
Source record: 251151

Jake Hellbach, KK5HY writes:
>I was wondering if any knows if there is software to lookup the
>managers of DX contacts. Maybe on the internet?

I recently picked up a file like this for my BBS. It is by ON6DP and it
lists QSL managers for over 28,000 DX calls (sorted by DX call). You
can get it via anonymous FTP to ftp.funet.fi /pub/ham/hf-work/qslmgr.zip
Use a textfile browsing/search program like V. Buergs' LIST.COM with it.
_\\///_
co-founder: (' O O ') North East Weak Signal group, ARRL affil.
---------------ooO-(_)-Ooo---
| 73 de Ron WZ1V, email: klimas@uhavax.hartford.edu |
| Grid FN31mp BBS: 203-768-4758 (weeknights/weekends only) |

3031. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 13:38:37 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar9.133837.26740@ke4zv.atl.ga.us>
Source record: 251150

In article <3jkr3d$838@eugene.convex.com> horak@convex.com (David Horak) writes:
>
>The AEA Hot Rod isn't a duck. Maybe you should try one sometime.
>You *might* be amazed.

I've had one for years. It's a duck, just a tall duck. It is better
than most factory ducks, but not 12 db better. Comet has a tall duck
too, about as good as the AEA except it's more flexible. Both of them
will poke you in the armpit with the radio on your belt.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3032. Kenwood TM-733A Bugs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 13:46:43 UTC
From: dhinch@cello.gina.calstate.edu
Message-ID: <3jn0s3$jvk@cello.gina.calstate.edu>
Source record: 251148

I am considering purchasing the TM-733A and have received considerable feedback, both pro and con from the readers of this group. Thanks a lot for all of the inputs. One of the comments pointed me to the TM-733A mods writeup on the QRZ server (ftp.qrz.com). In that paper, two problems were mentioned: 1. The quality of the transmitted PL tones is poor and 2. When the DTMF confirmation mode is enabled, the transmitted DTMF code is distorted.

My question is: Are these problems still present on units currently shipping?

Thanks in advance.

73, Dave, KE6MYC

Email: dhinch@cello.gina.calstate.edu

--

3033. Re: Solar Electric Power for Emergencies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 14:15:37 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <3jn2i9$m1c@gort.oit.umass.edu>
Source record: 251153

On 8 Mar 1995 21:31:54 GMT Steve Greenberg (Greenberg@aerospace.aero.org)
wrote in rec.radio.amateur.misc:
: I am looking for persons and references for designing and building a solar
: electric power station, using deep cycle batteries and a trickle charging
: circuit.

There is a company named Real Goods in Ukiah, California that sells
all sorts of equipment like that. They also publish an Alternative Energy
Sourcebook which has a lot of information.

--
Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

3034. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 14:23:20 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar9.142320.26980@ke4zv.atl.ga.us>
Source record: 251106

In article <3jktva$5fq@master.cs.rose-hulman.edu> derry@NeXTwork.Rose-Hulman.Edu (John Derry) writes:
>I think that you can easily learn Morse code (BTW, it's NOT Morris code)
>at 5 words per minute.
>
>I have never met a ham yet who couldn't copy 5 wpm after some practice.
>Of course such people may exist, but then so do lottery winners.

Up until fairly recently I hadn't met a *ham* who couldn't copy 5 WPM either. But that's because they couldn't *become* hams. That made it all rather self-selected. I did meet *non-hams* who couldn't copy 5 WPM. Now that there is a way for them to become hams, more and more of those people who can't copy 5 WPM are becoming hams, and you may start meeting them too.

In my experience, however, the number of people who really really can't do 5 WPM *is* similar to the number of major lottery winners. Those who can't get 13 WPM seem more common, perhaps similar to the number of scratch and win minor lottery winners (about 1 in 200 in the general population). Again in my experience, many of them *can* get the Code with a different learning strategy, though it usually takes a *lot* more effort than that needed by those more gifted, as exemplified by the (self-selected) traditional amateur population.

What galls me is the attitude expressed by some of the traditional amateur population that, "it's easy, I did it, so can you, you're just lazy." That totally fails to recognize that not all people have the same talents. It's somewhat akin to Chet Atkins chiding some poor tone deaf guitar hacker because he can't match Chet's expertise (that would never really happen, Chet's too much of a gentleman). There is more than just effort involved (though that's certainly necessary too, often in much larger measure than traditional amateurs will credit). Just because it was easy *for them* doesn't mean that it's a universal truth.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3035. KaGOLD-Recommendation?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 15:50:02 UTC
From: bsplaine@sr.hp.com
Message-ID: <3jn83a$9tr@canyon.sr.hp.com>
Source record: 251108
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Has anyone strong opinions re Ka(PK)Gold? If so, do you have a basis of comparison such as Hostmaster? I am currently using Hostmaster and feel it is OK, but not particularly happy with it.

What do you like/dislike about it?

Thanks in advance, Bill

--
/\
\ Bill Splaine E-MAIL > bsplaine@sr.hp.com /
/ Hewlett Packard VOICE > (707) 577-2913 \
\ Santa Rosa, CA 95403 FAX > (707) 577-2095 /
/ ALL STANDARD DISCLAIMERS APPLY PACKET > N6GHG@KC6PJW \
\/

3036. Re: Hams and Railfans

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 17:27:41 UTC
From: mah48d@rohmhaas.com
Message-ID: <mah48d-090395122659@wm48d.ho.rohmhaas.com>
Source record: 251140

In article <3j5834$rqi@usenet.INS.CWRU.Edu>, ek207@cleveland.Freenet.Edu
(William J. G. Frey) wrote:

> I am trying to see if there is any need (want, opportunity) to have a national ?
> or regional net to ragchew about our common interest of trains and ham radio.
>
> A common frequency, 2 meter or 6 meter, simplex or repeater, would be a good starting poi
> starting point. The idea is to let others know what trains are coming miles
> down the line. Sometimes there are good lashups of uncommon pool power and it
> is a shame that no one else can take advantage from my being there and seeing
> it. I know several train crew members who are also ham operators and I can talk

Definitely has some merit. The (simplex) frequency would have to be chosen
for minimum interference to local activity, and an alternative should be
chosen as well, in case the preferred frequency is in use at a particular
location. If train spotters knew what frequency to gather on, they'd
doubtless have more productive sessions.

You might try cross-posting this to the model railroad newsgroup; there are
more than a few hams there, and lots of train spotters, both in this
country and overseas.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
e-mail: mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

3037. Any active hams in Liechtenstein?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 18:32:19 UTC
From: Jeffrey Pawlan <jpawlan@arasmith.com>
Message-ID: <3jnhjj$4af@kadath.zeitgeist.net>
Source record: 251116

If anyone knows of a ham in Liechtenstein with a working HF station, please let me know as a friend of mine is going to Europe next week and is interested in operating from HB0, if possible.
We do have the small list from the 95 callbook, but that does not mean that they are all active.

Jeffrey WA6KBL
jpawlan@arasmith.com

3038. Mitsubishi Galant VHF INSTALL

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 19:33:14 UTC
From: jbdaniel@facstaff.wisc.edu
Message-ID: <jbdaniel.39.00138E66@facstaff.wisc.edu>
Source record: 251138

Hello,

I posted something on this a few weeks ago in radio.ama.equip and got only one response from a person with a '91 Galant who has had no problems.

I would like to put in a 2M/440 rig in my '95 without interfering with the ECU in the dash which controls the engine and fuel injector. Has anyone out there had any Galant experience with VHF? I really would appriciate any correspondence about this.

Josh Daniels, N2JLL/9

3039. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 19:52:41 UTC
From: larson@loren.net.com
Message-ID: <3jnma9$qem@unet.net.com>
Source record: 251124

In article <3iohqd$iib@acme.freenet.columbus.oh.us>
gfoley@freenet.columbus.oh.us (Gerard Foley) writes:

>I thought the capture properties of FM, which would reduce the
>probability that simultaneous transmissions would be detected,
>was an important consideration in rejecting it for VHF air.
>The abrupt degradation in S/N ratio at threshold of FM is
>another disadvantage. 73 and GL Gerry K8EF@W8CQK.OH.USA.NA

I claim this is legend. No real basis in fact.

If you have the 20 dB difference in signal strength required for
a good quieting capture, the other station is probably about 10 times
as far away -- not likely to be of much concern.

If they don't get an answer, they will call again when they hear
someone else having been answered.

The squeals are just an annoyance, and capture would be a benefit, at
least that way one of the messages would get through.

If you look at the performance of FM it is clear that the signal will
be fine out to the horizon. 10 watts of VHF FM will go a very long
ways line of sight.

If you look at the problems understanding weaker AM signals in a
noisy aircraft, you would be begging for FM.

Alan

3040. Re: Yaesu FT-530 Tone scan? can't get to work

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 19:54:15 UTC
From: sbaldwin@community.net
Message-ID: <3jnmd7$43u@odin.community.net>
Source record: 251177

-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:
: 1) CTCSS tone scan (finding out what tone is being received)

: Yes, I can get the radio to tell me what tone is being used, but is not that
: fast, and is not automatic.. I thought I had read somewhere that the
: tone scan was automatic. I dunno.. I just bought it, and looking through
: the back archives of these newsgroups, I see that it is a common

As per my direct reply to you, all you need to do, is activate your
Tone Squelch (TSQ will appear above your selected band). Then select
TSET, and press and hold (for 2 seconds) one of the MHZ keys, and it will
start to scan. If the repeater is passing the tones, it will stop on the
repeaters ctcss tone. You'll have to press ptt I believe to prevent the
scan from going any further once you DO find the tone. Take care, and
73

de Scott N6UUH
.....
Please Email any personal replies requiring my reading. Tnx

Scott Baldwin- N6UUH Fairfield, California

3041. Source of thick wall antenna mast tubing

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 20:40:34 UTC
From: allent@mnsinc.com
Message-ID: <3jnpg0$pt2@news1.mnsinc.com>
Source record: 251130

Can anyone point me to a source of thick wall antenna mast ubing
in 1.25-2.0" X 15-20' that would be suitable for low-draf antenna?

East-coast location (DCA) pfreferable.

Thanks.

Dave Allen, WA2BSL
allent@mnsinc.com

3042. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 20:51:04 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jnpno$b70@ecom4.ecn.bgu.edu>
Source record: 251120

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>True, local and State officials have no jurisdiction over Federal crimes.
>However, they can charge you with interference with a police officer, a
>local/State crime, and make it stick. They can seize anything you used to
>commit that crime, and require forfeiture as part of the sentence for
>that crime in the same way they could make you forfeit a Federally licensed
>aircraft you'd used to buzz one of their cruisers.

Local police agencies cannot confiscate amateur equipment regardless of
the crime committed. The Code of Federal Regulations as well as the
United States Code do not allow the transfer of operations control
without concent of the stations control operator's permission.

Technically, the only action a police force can take is to notify
the feds of the problem, and let them take care of it. Of course
there are police forces out there who aren't aware of this, and the
persons getting their equipment confiscated probably wouldn't know
either, but only federal marshals can confiscate amateur equipment.

I think this applies to ALL radio equipment, even CB, but I'm not sure.
I do know that it applies to amateur equipment.

-==-
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

3043. Re: FT-530 receives lots!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 20:55:29 UTC
From: danb@acme.csusb.edu
Message-ID: <3jnq01$a7k@news.csus.edu>
Source record: 251131

John Thompson (jthompso@nermal.santarosa.edu) wrote:
: Hello all,

: I just got my ft-530 in the radio yesturday and am very happy with it. I
[receives out-of-band]
: there with a new FT-530? It did not mention this at all in the manual..

The manual lists the receive bandwidth, and it definitely goes
out of the 2m and 70cm ham bands. I don't have it with me, so I can't
say offhand what it is, but I know that 2m goes as low as about 110 MHz,
up to 170+.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

3044. Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 21:00:25 UTC
From: probert@nspace.cs.ucsb.edu
Message-ID: <3jnq99$r8b@nspace.cs.ucsb.edu>
Source record: 251174

My son and I are coordinating Field Day activies for our local club.
Last night one of the board members told us that he thought there were
special rules for Field Day operation which restricted operation above
your privileges.

So my questions are as follows. On Field Day:

Can unlicensed individuals operate under the supervision of an appropriately
licensed control operator?

In particular, can they operate the Novice/Tech station?

Can Novice/Techs operate the 20m station under a control operator?

The 1994 rules do seem to suggest that only Novice/Techs should operate the
Novice/Tech station -- but I assume this is to keep higher class licenses
from sandbagging. Is that correct?

I hope that the rules don't preclude operation under a control operator. Last year
my son (he was 12 at the time), had passed his TechPlus, and was waiting for his
license to arrive. He went to Field Day, operated under supervision, got completely
hooked, and as a result achieved his Amateur Extra in September, is just waiting for
the return QSL cards to show up so he can get his WAS and WAC, and is co-chair
of Field Day this year. I would like to see similar enthusiasm kindled in others
this year.

Dave Probert, KE6JRS

3045. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 21:01:06 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jnqai$cfi@ecom4.ecn.bgu.edu>
Source record: 251121

jeffrey@math.hawaii.edu writes:

>Gary brings up an excellent point here. Any mods one makes to their
>HT's receiver might cause interference to other services (remember,
>your receiver is an oscillator and emits low-level RF). Even those
>`opening up' their scanners might end up with a receiver that is
>violating Part 15 regs due to illegal emissions.

For the most part, any amateur transciever who's reciever can be modified
to recieve out of band can do so because the receiver was designed to
be used for more than one application.
For example, the Yaesu FT-23R out of the box received 144-148.
BUT, the reciever was identical to the one inside of the radio's
commercially made brother used in some business bands around 152-156 or so.
When Yaesu designed the radios, they knew it would be cheaper to build
one receiver for several radios, and type accept it for the entire range.
The FCC has type accepted the reciever in the 23R for the range 140-164.
So modifying the reciever to tune to all of these frequencies won't
violate type acceptance certification.
I doubt a manufacturer would design a chip and circuit which could
be modified to allow reception of frequencies for which the unit's
reciever wasn't type accepted for. (easy modifications, that is)

-==-
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

3046. Re: mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 21:09:26 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jnqq6$dnb@ecom4.ecn.bgu.edu>
Source record: 251123

gregr22985@aol.com (GregR22985) writes:

>If you take off the bottom plate of the battery and cut the blue wire you
>will get full cell phone and air craft and police freqs..If you cut the
>red wire(it's a little harder to find)you will get full transmite on all
>,but 800 mgs...

Yes, which radio are you speaking of???
-==-
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

3047. The Media and Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 22:33:20 UTC
From: billhar@spaceworks.com
Message-ID: <D572nL.Lz6@spaceworks.com>
Source record: 250981

There is a very good article in the April issue of Omni magazine about Ham radio. It talks of an old hobby that tackles today's communications demands. With all of the communications technology of today, satellites, cellular phones, computer networks, some folks think there is no longer a need for amateur radio when it comes to emergency communications. An example of the contrary in the article is Hurricane Andrew that hit Dade County, Florida, knocking out communication channels including cellular phone. The hams were there providing communications.

Bill - K5MIL

3048. San Diego Confiscated HT Summary (LONG)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 22:40:00 UTC
From: William_A._Kirsanoff@ccmail.anatcp.rockwell.COM
Message-ID: <9502097947.AA794788963@ccmail.anatcp.rockwell.com>
Source record: 250980

There have once again been a plethora of references to the now infamous confiscated HT in San Diego. Below is my entire compendium of pertinent posts on the subject, edited somewhat to avoid too much duplication. My intent is to deliver the facts as they were reported at the time and (hopefully) correct some of the distortions that have crept into the tail. :-) I left the .sig's after the appropriate sections to give credit where due.

****

The San Diego Sheriff's confiscation of a ham's HT in 1993 is a story that could become an urban legend, as has been alleged in the past. The fact is, it happened. Yes, it would appear that the San Diego Sheriff had no legal authority to confiscate the HT, but the department, with the aid of the local FCC Field Engineer, did succeed in coercing Chris to "voluntarily" donate his HT to the SD RACES rather than face prosecution. The last I heard, the San Diego County Supervisors voted to decline the "gift". One thing that came out in 1993 is that at about the same time as Chris used his HT on the Sheriff's frequency to summon aid, another person was causing malicious interference on Sheriff's frequencies. The word is that the two together greatly irritated the Sheriff and drove the coercive activity that relieved Chris of his HT.

Bill Kirsanoff

There have been two articles in the San Diego Union, they are on the bulletin board at HRO. Here is a summary of the first one, I don't have a copy of the second article.

The article states that everyone acknowledges that it was the ``act of a good Samaritan.'' but that ``authorities confiscated Chris Boyer's portable ham radio last month after he used it to obtain emergency medical help for a seriously injured friend.'' It states that he ran into trouble because he called for help on a Sheriff's Department frequency that he isn't authorized to transmit on. They quote William Grigsby, engineer in charge of the San Diego FCC office: ``"Under the regulatory scheme, ... this kind of operation by persons who are not authorized is strictly prohibited, he is also quoted to say that "We can't have a situation where everyone who wants to have a transmitter on the police or sheriff's frequency can, if this continues, we're going to have chaos for the law enforcement system."

It states that Boyer tried to get help on five other repeaters but couldn't get anyone, they also tried a cellular phone but couldn't connect because they were ``in a ravine, toward the bottom of a canyon''. He then rode up the trail a half mile and tried again from a better spot but still couldn't get through, at that point they decided to try the SO frequency. The

article says `` "I look and this guy's bleeding, he's taken a head trauma," Boyer said. "I came on, gave my call sign - I wasn't trying to hide - and said, 'I'm a radio amateur with emergency traffic.' The dispatcher said, "Go ahead."

Two weeks later, he got a letter from Bill Kahn (communications coordinator) for the SO, telling him to meet with Kahn and an FCC person. He was given the choice of having to ``forfeit'' or be prosecuted by the federal government.

There are several quotes from different people including this one from county Supervisor Dianne Jacob, who represents that part of the county. ``"The frequencies are protected for public-safety emergencies," Jacob said. "Well, this individual had an emergency.''... ``"I think anyone in the same circumstances, including myself, would do the same thing."

In the second article I think there was a story about how Kahn had used his SO radio to request help when he got hurt while off duty out in the back country. I think it also quoted all the part 97.403 and mentioned that Chris Boyer now had an attorney and was going to fight to get his radio back.

--GaryM
--
Gary Morris KK6YB Internet: garym@alsys.com
San Diego, CA USA Phone: +1 619-457-2700 x128 (work)

This was the lead article in Tom Blair's column in the February 17, 1994 edition of the San Diego Union-Tribune.

"In a new bit of tension between the Board of Supervisors and Sheriff Jim Roache, the board refused Tuesday to accept a gift to the Sheriff's Dept. and told the sheriff to return it. The gift: a portable ham radio used last August by a back-country bicyclist, Chris Boyer, to summon help for a seriously injured friend. After sheriff's deputies responded to the emergency call, they told Boyer he had violated FCC rules by using restricted emergency frequencies and ordered him to surrender the improperly altered radio to them and the FCC. To avoid further hassle, Boyer signed the radio over to the department as a gift. But the supervisors, who honored Boyer in December as a good Samaritan, said no thanks this week. They urged the sheriff to return the radio to Boyer."

John WA6ORO

I KNEW (I actually wished :) he was going to get it back. Now I hope it doesn't take the Sheriff Office some years to do it, and not making it difficult for Chris Boyer. The tension of the above 2 groups exist for many years, when I still lived in San Diego, or so I heard.

David Tse
--
David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca

I will prefer e-mail sent to above address.
My PO Box is CANCELED, please do not use.

There were two related circumstances that caused this to get blown out of proportion a bit. First, about two weeks before Boyer called in his "emergency" on an SO frequency, there was another person who had been jamming the SO frequencies using similar equipment, so they were particularly sensitive at the time this happened. Second, I have heard that Boyer is an engineer for a local radio or TV station and he admitted in that meeting with the FCC engineer that he had modified his amateur HT so he could use it on his station's commercial UHF repeaters and that he regularly used it on those frequencies. I think this second item is why the FCC went along with the SO in regard to confiscating the radio because it was not type-accepted for that use. I believe the radio is still in limbo somewhere, but RACES never did get it. Hopefully, Chris will get it back someday. I haven't heard much on this lately though.

--GaryM
--
Gary Morris Internet: garym@alsys.com (garym@cts.com)
Alsys Inc. Packet: KK6YB @ N0ARY.#NOCAL.CA.USA.NA
San Diego, CA, USA Phone: +1 619-457-2700 x128 (voice/fax)

Well, That's my file on the issue. Remember that the last post in this compendium was from spring of 1994. Situations may have changed since then. For one thing, I understand the Sheriff lost his bid for reelection. :-)

73

Wm. A. Kirsanoff Internet:
Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
(714) 762-2872
Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI

Who are you? * I am number 2. * Who is number 1? * You are number 6.

3049. IPS Daily Report - 09 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 23:19:19 UTC
From: rwc@ips.oz.au
Message-ID: <3jo2dn$ed0@corona.syd.ips.oz.au>
Source record: 251128
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 09 MARCH AND FORECAST FOR 10 MARCH - 12 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 78/17

GOES satellite data for 08 Mar
Daily Proton Fluence >1 MeV: 4.1E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 2.2E+07 (normal)
X-ray background: A9.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
10 Mar 11 Mar 12 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Mar: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 08 Mar
Learmonth 11 2232 2243
Fredericksburg 12 4
Planetary 12 4

Observed Kp for 08 Mar: 2211 0111
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
10 Mar 16 Unsettled to active
11 Mar 20 Active
12 Mar 20 Active
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Active to minor storm levels are
expected to commence today.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
09 Mar normal normal poor-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
10 Mar normal fair poor
11 Mar normal fair poor
12 Mar normal fair poor
Degraded HF comms are now expected for the next 3-4 days due to
expected geomagnetic activity.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
09 Mar 38 near predicted monthly values to 15% above.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
10 Mar 10 Slightly below predicted monthly values.
11 Mar 0 5 to 10% below predicted monthly values
12 Mar 5 5 to 10% below predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. HF conditions are expected to be
degraded for the next 3-4 days as forecast geomagnetic activity has
started to occur.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3050. Re: Pacemaker

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 23:19:30 UTC
From: ralph.bierbaum@medtronic.com
Message-ID: <3jo2e2$8tg@gazette.medtronic.COM>
Source record: 251125

In article <3jcl2u$gmf@acme.freenet.columbus.oh.us>, gfoley@freenet.columbus.oh.us (Gerard Foley) says:
>
>
> My doctors have recommended that I accept a pacemaker. The proposal
>only was made Mar.4, and I will arrange for the procedure tomorrow.
>Mar.6. I have no information on what make or model of pacemaker
>will be offered.
> My present operating situation is 2 meter packet or fm voice, 25 watts
>to a 1/4 wave antenna about 5 feet from my operating position, and
>10 through 40 meters, various modes, 100 watts PEP to an R7 antenna
>with the base about 20 feet from the operating position (brick wall, etc.
>in between).
> If you have any reliable advice to give as to the possibility that
>a current model pacemaker is likely to misbehave due to RF under these
>circumstances, or whether various makes or models of pacemakers are
>more or less liable to such interference, it will be very helpful
>to me.
> GL and 73 Gerry K8EF@W8CQK.OH.USA.NA
>
>
Gerry -

In response to your question, I work for Medtronic, Inc, acknowledged as the originator of the implantable cardiac pacemaker and manufacturer of roughly 70% of the pacemakers implanted in the world. Enough brag. I read your message and gave our tech services group a call. They informed me that, given the rf parameters you stated, the risk is virtualy non-existant for our pacemaker systems. I cannot speak for other manufactures, but having working in the electromagnetic compatibility section once myself, I can assure you we test for everything that radiates between DC and Daylight. We even used to use a Drake T4B as a RF test source. Should you get a Medtronic pacemaker, you can, as a patient, call our tech services directly at (800) 505-4636 and get your questions answered. I have spent almost 20 years building, testing and researching Medtronic pacemakers and leads. I hope you get one of ours.

Best of luck in your coming implant.

Ralph N0AWN ralph.w.bierbaum@medtronic.com
coming

3051. ARLD011 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 23:23:49 UTC
From: w1aw@arrl.org
Message-ID: <$arld011.1995@ampr.org>
Source record: 251127
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD011
ARLD011 DX news

ZCZC AE86
QST de W1AW
DX Bulletin 11 ARLD011
From ARRL Headquarters
Newington CT March 9, 1995
To all radio amateurs

SB DX ARL ARLD011
ARLD011 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, HS1GOS, Bill, KD5IC, Dora Anna, NI5D, Tosy, JA6VZB, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

CONWAY REEF DXPEDITION UPDATE. Landing permission has been secured and licenses obtained. Three stations will be manned around the clock, requiring more than 14 hours operating time per operator per day for 10 days. The team consists of Mats, SM7PKK, Garry, NI6T, Nils, SM6CAS, Jun, JH4RHF, and Pekka, OH1RY. They plan to be active March 24 to April 3, including the CQWW WPX SSB Contest. For CW and RTTY the call will be 3D2CU. 3D2CT will be used on SSB. QSL 3D2CU via G4WFZ. QSL 3D2CT via Mats Persson, SM7PKK, Zenithgatan 24 5, S-212 14 Malmo, Sweden.

PACIFIC DXPEDITION, BELAU, MICRONESIA AND GUAM. Tosy, JA6VZB, plans to operate as KC6VW March 9 to 17, as V63BM from March 17 to 20, and AH0T/KH2 on March 20. His primary activity will be 160 meters, listening on 1823 kHz. For North Americans try from 1020 to 1500z. Europeans should try from 1900 to 2200z.

TANZANIA. Franco, I4LCK will be active from Mafia Island, AF 054, March 21 to April 2. His call sign will be 5H3CK. He plans to activate two new IOTAs, namely Boydu and Nyuni Islands. He will also be active in the CQ WW WPX Contest from Mafia. QSL to I4LCK.

KUWAIT. Bob, 9K2ZZ, reportedly has improved his 160 meter antenna. Listen for him daily 0000z on 1832 kHz. QSL via W8CNL.

PAKISTAN. Reports indicate that Rudi, DK7PE, is in Pakistan. He is looking for an active DXer in Karachi so he may be on the air soon.

THAILAND. A group of Thai hams will activate a new prefix March 11 and 12 using the call E25CMU. They plan to be active on all bands with CW, SSB, SSTV and satellite. Some operators mentioned are leader HS1AAM, HS1CDX and HS3DF. QSL via PO Box 19, Fang, Chiang Mai THAILAND 50110 or via the bureau.

EUROPA. Stations in QSO with FR5HG on 15 meter RTTY on Friday, March 3, report he will be active from Europa for 45 days starting March 8. Activity will be on RTTY, SSTV, SSB and CW on 40 through 10 meters.

MARIANA ISLANDS. Frank, AH0W/OH2LVG, plans to be active from March 23 to 30. Most action will be on the low and WARC bands. Listen for his CW, SSB and the possibility of satellite work on RS-12 and RS-13. QSL via KE7LZ.

EGYPT. Ahmed, SU3AM, is very active on 20 meter SSB and plans to be active until March 18. QSL via DL5ZBV.

CAYMAN ISLANDS. John, NC8V, will be on the air from Little Cayman Island, NA 016, as ZF2JC/ZF8 from March 16 to 21. Most operating will probably be on IOTA frequencies, but he will try to work in the Novice CW subbands. John operates mostly SSB but will switch to CW on request. QSL via NC8V.

THIS WEEKEND ON THE RADIO. The Wisconsin QSO Party, sponsored by the West Allis RAC, runs from 1800z March 12 to 0100z March 13, CW and Phone. See page 105 in the February issue of QST for more details.
NNNN
/EX

3052. Need windows 3.1 for 286 on pactor, help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-09 23:36:33 UTC
From: equinox@halcyon.com
Message-ID: <equinox-0903951536330001@lcy-ip0.halcyon.com>
Source record: 251126

Hello-
I am looking for a version of Windows 3.1 that I could load onto my 286
machine. Since it's so old I was thinking somebody wouldn't mind
compressing it and sending it to me so I can update the old machine
enough to use the software I have downloaded...
Thanks
Jonathan, Olympia, WA KC7FYS

3053. Re: PL-259 vs. N-style connectors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 01:36:22 UTC
From: CJSRFM@vm.ucs.ualberta.ca
Message-ID: <1735C105B0S86.CJSRFM@vm.ucs.ualberta.ca>
Source record: 251135

In article <3jnovs$q60@news.doit.wisc.edu>
lumkes@cae.wisc.edu (John Lumkes) writes:

>Quick question. Are PL-259 and N-style connectors interchangeable?
>If not, what are the differences and which is better? It seems like
>PL-259 is the most common but I have better deals (used cables) on
>getting some N-style connectors. Thanks
>
>73, John Lumkes
>lumkes@cae.wisc.edu
>KB9JIT
>

UHF and N connectors are definitely NOT interchangeable. They're physically quite different from each other. In short, N connectors provide a 50 Ohm constant connection (or 75 Ohm) and UHF do not. Typically, N connectors are used at UHF (300 MHz) and higher frequencies while UHF connectors are used in the VHF and HF regions. I know of at least one ham who has installed N connectors on ALL of his rigs - 160m and up!

As to which one is better - what is it's intended use? At UHF and above I would consider N connectors only. At HF there is very little difference. UHF connectors tend to be mechanically stronger than N, but N connectors form a better weather seal. (Don't ever believe claims that N connectors are waterproof - always apply proper sealing techniques to any type of RF connection that is exposed to the elements.) In the broadcast world both UHF and N connectors are rare - EIA flange connectors rule here!

73

Raymond H. Semenoff VE6RHS
Chief Engineer (and Bottle Washer)
CJSR FM
University of Alberta
Edmonton, Alberta
CANADA

P.S. UHF stands for "Union - High Frequency" when refering to connectors.

3054. Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 01:40:26 UTC
From: etuggle@dora.auc.trw.com
Message-ID: <3joama$4fn@dora.auc.trw.com>
Source record: 251169
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Well, I did it! I purchased the Code Quick tapes (about $50) and decided
to learn the code. When I started in amateur radio (about a year ago) I
had no plans to upgrade because I didn't want to take the code test. I thought
It would be too hard and I didn't have the time. I did want HF privs however!
The only way I could get them was to study the code :-(So I did...

It has been only two (2) weeks using the Code Quick tapes and I can copy
almost eight (8) WPM!!!!!!! I could not believe it. I have found it to be
fun learning code. I have only spend a total of 8 hours with the tapes.

Well, the whole point of this post is to ask some of you that have already
gone though the cw tests what the format is like. Some folks have told me
you only have to copy 25 characters (in a row) correct and you pass. Others
have told me there is a 10 question quiz after the code is sent. Even others
have told me for the 5WPM there is no numbers, just text.?.?.? What's the
poop? Some folks have told me for the 13WPM test, all I need to do is to
use the "is" method. That is listen for the .. ... (is) and the information
after that word is all I need to pass the exam. I doubt if that is true.
Tnx for any help..

BTW, I hope the first part of this post didn't sound like an INFOmercial :-)
I was just so supprised that I could learn 8WPM in 2 Weeks!!!!

73 DE Eddie, KB0LZZ

--
Eddie D. Tuggle, etuggle@dora.auc.trw.com | "There is nothing either good or
TRW Denver Operations | bad, but thinking makes it so."
16201 Centretech Pky / Aurora, CO 80011 | -- SHAKESPEARE
Voice: 303.360.4001 FAX: 303.360.4133 |

3055. Need help with Kenwood TR-2600A 2m HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 02:01:55 UTC
From: tillm001@cerritos.edu
Message-ID: <1995Mar9.180155.1@vax.cerritos.edu>
Source record: 251137

Hello, I am looking for an electrical diagram for the Kenwood TR-2600A HT, and also looking for a PL board for the unit. Any help would be appreicated.

Thanks . . . . . .

Frank

3056. Re: More Ham-Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 02:28:04 UTC
From: wcoyle@delphi.com
Message-ID: <p+xa1T0.wcoyle@delphi.com>
Source record: 251139

The other big problem is that the media in general couldn't be bothered with a GOOD story about Amateur radio, like the earthquakes, floods, ect. since this doesn't boil anyones blood. But when you tell people that if you live next to one of these people (hams) that your toster's gonna sound of CQ all hours of the night, they get riled up, and they want more.

Sorry about the typos, I'm a little tired, not illiterate.

Tnx & 73
Bill
N3OGH

3057. Re: Kenwood Dual-band Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 03:39:04 UTC
From: BIDDLEAP@ctrvax.Vanderbilt.Edu
Message-ID: <1995Mar10.033904.19720@news.vanderbilt.edu>
Source record: 251145

Mike,

TW-4000 and then TW-4100. I have a TW-4100A under my dash. No voice board though. Most people got them for fun, and switched them to Japanesse. FWIW, I have never seen either rig for sale at a hamfest, though they sometimes come up in the various classifieds.

Alan
WA4SCA

Recommended
four
line
signature.

3058. Ham Log IBM Logging Program

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 04:00:29 UTC
From: rhg@sydney.DIALix.oz.au
Message-ID: <3joist$94e$1@sydney.DIALix.oz.au>
Source record: 251146

Hi,

I am the author of Ham Log - the IBM computer program for amateurs to log their contacts. In its fifth year of development, Ham Log has been acclaimed world-wide.

It is a professional program that has a enormous facilities and functions, yet very simple to use. From the last review in The Canadian Amateur magazine:

"This is the first computer program I have in years that I really cannot find anything to improve on. With so many features, it is beyond this reviewer's ability to do it full justice. I rank it [Ham Log] as one of the 'breakthroughs' in computer technology applied to t his fine hobby, ranking with Baycom, JVFax and Hamcom."

In Amateur Radio Action (Dec. '94), the editor Len Shaw wrote:

"... the opinion of many, myself included, Ham Log is already the best such product on the market. In my position as editor, I get to see and use most logging programs at some time or other and from my first encounter with Ham Log, I have believed it to be the best available - and that includes some quite expensive American programs."

Now, the fully functional demonstration version of Ham Log 3.1 is available on the Internet for downloading. There are two files to grab: ham_log3.zip (about 290k) and ham_log3.txt.

FTP to ftp.une.edu.au
Ham Log is located in the directory: /pub/ham-radio/ham-log

If you have any queries or comments, please e-mail me at: rhg@ozemail.com.au

I'm certain you will be impressed with Ham Log v.3.1

Kind regards,

Robin Gandevia
rhg@ozemail.com.au | VK2VN@VK2OP.NSW.AUS.OC

3059. Re: Washington DC Area Hamfest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 05:17:24 UTC
From: tyej@annap.infi.net
Message-ID: <tyej-1003950017240001@204.117.150.138>
Source record: 251147

Which day has the most tailgate items for sale?

In article <3jl6ol$68e@usenetw1.news.prodigy.com>, RJYT51A@prodigy.com
(Phillip Perry) wrote:

> Hello, this is Phil N5QCN at Ft. Meade, Md. This is a hamfest at the
> Timonium Fair Grounds, on March 25th and 26th. If you don't know where
> Timonium is, it's just on the Northside of Baltimore. There is a Talkin
> on 146.670 / - so you can probably get on there and find more
> details. If you need anymore info, go ahead and e-mail me. 73 Phil
> N5QCN

3060. Re: Need QSL route for VR6ME

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 05:35:46 UTC
From: mike@wue.rhein-main.de
Message-ID: <3joofi$50c@odb.rhein-main.de>
Source record: 251009

In article <mperkel.50.0083932F@primenet.com>, mperkel@primenet.com (Michael Perkel) writes:

>
>I worked VR6ME and I can't find a route for him.
>I checked the callbook and qsl servers I know about with no luck.
>
>Please e-mail me if you have a QSL route for VR6ME.

Send it to any VR6, Pitcairn Isl. is a very small island

Michael
-
mike@wue.rhein-main.de, miwuensc@aofkft.remnet.ab.com
dl8fbh.ampr.org [44.130.24.127]

3061. NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 06:56:26 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3jot6q$pe9@cat.cis.Brown.EDU>
Source record: 251149

pgeorge@sallie.wellesley.edu (PETER Q. GEORGE) writes:

>There seems to be a new craze of putting down amateurs who have N1 in the
>front of their callsign. N1 is usually the prefix that denotes a Technician
>or General Class licensee. I was listening to a local repeater and was totally
>amazed of how much "No-Code" bashing is so common.

Actually, its usually an N1 callsign that is N1Jxx or later. Pre-N1Jxx
callsigns are at least tech pluses.

>Apparently these "bozos"
>feel that amateurs with a N1 prefix are not considered to be "real" amateurs
>especially the "No-Code" ones.

If I remember correctly, hams that came in thru the novice enhancement
received roughly the same treatment. The no-code tech license caused alot
of division in the hobby, and you can't expect it
to go away in four years.

> There are a lot of NEW amateurs out
> there who are a credit to the hobby.

And there are alot of bozos. Especially in our
area. Just this week I heard someone tell another
ham the reason he heard a Springfield MA station
(about 90 miles away) was due to "the snow and ice"
in the air helping propagation. I didn't have the heart to key up and
mutter the word "absorption" to him.

As opposed to the codeless tech license that I am, I also realize
that its helped the hobby quite a bit in some areas of the country.
I just wish some of those benefits would show up around here.

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

3062. WWW page with callsign and QSL info links!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 07:34:43 UTC
From: jeffj@crl.com
Message-ID: <3jovej$qs0@nntp.crl.com>
Source record: 251159

My WWW page has links to the QRZ and QSL info pages along with lot's of links to other Amateur Radio pages. Please drop by and sign my guestbook while you're there! The URL is;

ftp://ftp.crl.com/users/ro/jeffj/www/home.html1

Jeff AB6MB

3063. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 13:38:45 UTC
From: gfiber@halcyon.com
Message-ID: <3jpkp5$134@news.halcyon.com>
Source record: 251155

In article <3jnqai$cfi@ecom4.ecn.bgu.edu>, mudaw@uxa.ecn.bgu.edu (David A. Webb) says:
>
>jeffrey@math.hawaii.edu writes:
>
>>Gary brings up an excellent point here. Any mods one makes to their
>>HT's receiver might cause interference to other services (remember,
>>your receiver is an oscillator and emits low-level RF). Even those
>>`opening up' their scanners might end up with a receiver that is
>>violating Part 15 regs due to illegal emissions.
>
>For the most part, any amateur transciever who's reciever can be modified
>to recieve out of band can do so because the receiver was designed to
>be used for more than one application.
>For example, the Yaesu FT-23R out of the box received 144-148.
>BUT, the reciever was identical to the one inside of the radio's
>commercially made brother used in some business bands around 152-156 or so.
>When Yaesu designed the radios, they knew it would be cheaper to build
>one receiver for several radios, and type accept it for the entire range.
>The FCC has type accepted the reciever in the 23R for the range 140-164.
>So modifying the reciever to tune to all of these frequencies won't
>violate type acceptance certification.
>I doubt a manufacturer would design a chip and circuit which could
>be modified to allow reception of frequencies for which the unit's
>reciever wasn't type accepted for. (easy modifications, that is)
>
>-==-
>Dave
>N9HUR
>mudaw@ecom.ecn.bgu.edu
>
>
dave,

Do not be so sure of yourself. The IC-2IA will receive aircraft, but was not tested for Part 15 rules
for that frequencty range. It did not operate there without modification so it really was not
legal to modify the receiver for the aircraft expansion with that radio. The 2IA's accepted range
was receiving 136 to 174 MHz. You really need to get a copy of the type acceptance for each radio you want to modify.

Each radio that has a receiver that operates above needs to pass type acceptance, not just the
design of a receiver unit the manufacturer used in another radio. The latest radio's will

be
type accepted as a scanning receiver. This again is the amateur radios of mass manufacturer.
remember you can build your own and do not need it type accepted, just need to follow the technical specifications of Part 97.

Gary

3064. Slow-scan TV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 13:51:35 UTC
From: drumhell@claudette.nrl.navy.mil
Message-ID: <3jplh7$dh9@ra.nrl.navy.mil>
Source record: 251156

What's the minimum amount of equipment (beyond the transceiver) to do slow scan television? Can I get away with a simple audio interface and a program on a PC? (Note: I'm assuming I have the pictures I want to send stored on the computer.)

-Dave, KA3QBQ

--
David Drumheller phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

3065. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 14:00:04 UTC
From: HWDX09A@prodigy.com
Message-ID: <3jpm14$1bti@usenetw1.news.prodigy.com>
Source record: 251158

You are absolutely correct in that ANYONE may operate at
Field Day. The only restriction is that only Novice, Technician,
and Tecniciam Plus operators may operate the extra credit
free novice station. It should not be surprisung that some will
try to hold the opportunity from new amateurs out of greed.
On the other hand there are many clubs that use the opportunity
to hook new amateurs and give them the taste of other than VHF
repeaters so they will upgrade.

73, Bob, WB2DIN

3066. Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 14:36:22 UTC
From: johnk@owl.UUCP
Message-ID: <QF6047C7@jay>
Source record: 250930

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----------
X-Sun-Data-Type: text
X-Sun-Data-Description: text
X-Sun-Data-Name: text
X-Sun-Content-Lines: 8
X-Sun-Content-Length: 404

I am in process of choosing a good (mid price range) antenna for use in a
2M (146Mhz) repeater system. I would like to ask for comments on what
brand/type/model you have found to make a reliable choice. I am in need of
at least one dual band antenna (146/440Mhz) as part of this system. You are
welcome to e-mail responses and comments to: zytec!owl!johnk@uunet.UU.NET

Thanks!
John Krohn
KB0CGJ
```

3067. Re: PL-259 vs. N-style connectors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 14:52:57 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3jpp49$noi@umcc.umcc.umich.edu>
Source record: 251160

In article <3jnovs$q60@news.doit.wisc.edu>,
John Lumkes <lumkes@cae.wisc.edu> wrote:
>Quick question. Are PL-259 and N-style connectors interchangeable?
>If not, what are the differences and which is better? It seems like
>PL-259 is the most common but I have better deals (used cables) on
>getting some N-style connectors. Thanks
>
>73, John Lumkes
>lumkes@cae.wisc.edu
>KB9JIT
>

The N connector is used at U.H.F. frequencies because it has little loss
at those frequencies and the Pl-259 has a high loss at U.H.F. and above.
The higher the frequency the higher the loss with PL-259 although the
lower U.H.F. freqs it will work for.
--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3068. Re: General Motors and Radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 14:54:04 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Mar10095404@rinhp750.gmr.com>
Source record: 251161

> If anyone knows who I would contact at General Motors
> (Chevrolet) about guidelines for installing 2 way radio
> equipment in a GM vehicle, please let me know. I tried the
> customer service # in the owners manual and they were no help.
> My primary concern is voiding my warranty. I'll be primarily on
> 2 meters.

Hi, I'm president of the GM Amateur Radio Club. Perhaps I can help.

If you or anyone else on the net would like a copy of GMs pamphlet
titled "Radio Telephone/Mobile Radio Installation Guidelines" just
send SASE to:

GMARC
8101 Warren Blvd.
Center Line, MI 48015

I'll get your copy in the mail the next day.

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

3069. Re: Chimney Mount Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 15:15:23 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar10.151523.1894@ke4zv.atl.ga.us>
Source record: 251163

In article <sf5b308b.020@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN WHITBY) writes:
>I live in a rental house and I plan on attaching an antenna mast to my
>chimney. The chimney won't be used because of a poor draft, so I don't
>have to worry about soot coating the antenna. My big concern is
>grounding. All of the information I have on grounding refers to towers.
>Can someone let me know what would be the best way to ground the
>antenna and mast?

The *minimum* you can do according to the NEC is use a #8 or larger
wire, run *directly* from the mast to ground with no sharp bends. The
ground should be, *at minimum*, an eight foot driven rod. Now if you
want *real* strike protection, you're going to have to do more, as I've
outlined in several postings, but this is the minimum that Code will
allow. It will offer fairly good protection to the *dwelling*, but
probably won't save your equipment.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3070. Re: FT-530 receives lots!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 15:27:18 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <3jpr4m$efd@senator-bedfellow.MIT.EDU>
Source record: 251162

jthompso@nermal.santarosa.edu (John Thompson) wrote:
>
> Hello all,
>
> I just got my ft-530 in the radio yesturday and am very happy with it. I
> was surprised to find out that it is receiving all the police and other
> stuff up in the 460Mhz area. I have not yet been able to determine the
> exact range. It seems I have to enter in the freqs to get them and cannot
> scan through them. I was very happy about this because I expected to do a
> mod on this radio to get the same thing. Did this heppen to anyone else out
> there with a new FT-530?

Mine won't do this. If I try to enter a freq higher than 450, it just
goes back to whatever freq was on before I tried to enter anything.
I bought the 530 about a year and a half ago, though, so maybe this is
something that's changed.

73 de Andrew, aa1hx

Butt-Head: I'm angry at numbers.
Beavis: Yeah, there's like, too many of 'em and stuff.

3071. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 15:39:55 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar10.153955.2058@ke4zv.atl.ga.us>
Source record: 251164

In article <3jn6sv$qlc@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <1995Mar9.133837.26740@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>In article <3jkr3d$838@eugene.convex.com> horak@convex.com (David Horak) writes:
>>>The AEA Hot Rod isn't a duck. Maybe you should try one sometime.
>>>You *might* be amazed.
>
>>I've had one for years. It's a duck, just a tall duck. It is better
>>than most factory ducks, but not 12 db better. Comet has a tall duck
>>too, about as good as the AEA except it's more flexible. Both of them
>>will poke you in the armpit with the radio on your belt.

>It doesn't sound to me like you have one or you'd know it isn't a
>"rubber duck", unless you call a 39 inch metal telescopic whip a
>"rubber duck". You must be pretty tall if it pokes you in the armpit!

David, I must apologize. I was confusing the Larsen antenna
with the AEA. I do have one of those telescoping wonders in
a drawer around here somewhere, but I don't use it for fear
of breaking the BNC connector off the HT (it did break the
connector off a u2AT I had). That's a heavy awkward thing to
hang on a little HT. I admit it should have better gain than a
factory duck. What I use day to day is the Comet. It's a long,
but nicely flexible, dual band duck. I doubt that the AEA is
more than 2 db better than that.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3072. Re: PL-259 vs. N-style connectors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:04:33 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar10.160433.2270@ke4zv.atl.ga.us>
Source record: 250993

In article <3jnovs$q60@news.doit.wisc.edu> lumkes@cae.wisc.edu (John Lumkes) writes:
>Quick question. Are PL-259 and N-style connectors interchangeable?

No. That's to say, they won't screw into each other's sockets. They're interchangeable in the sense that they'll fit the same kinds of cables, and they both are RF connectors.

>If not, what are the differences and which is better? It seems like
>PL-259 is the most common but I have better deals (used cables) on
>getting some N-style connectors. Thanks

N connectors are better. They are constant impedance while the UHF fittings are not, and if properly installed, offer a bit more weather protection than the UHF fittings. The typical N fitting is a little tricky to install properly, but so is the typical UHF fitting (PL-259, SO-239, etc). The difference is that most people don't realize they're installing the UHF connector improperly. Since the UHF fitting isn't constant impedance anyway, people sometimes get away with sloppy technique. If you want the lowest loss and better weatherproofing, you'll use N connectors. And you'll add extra weatherproofing to either type if installed outdoors.

Typically, at UHF and up, the N connector will be standard on most equipment. At VHF and down, amateur equipment will typically have the UHF fittings, but commercial grade equipment will still have N fittings, even at HF. (The name UHF for the PL-259, SO-239 series of connectors is a misnomer since they aren't well suited to UHF use. The name came about back when 30 MHz was nose bleed country.)

Alternatively, there is the BNC fitting. It shares the same constant impedance characteristic of the N fitting, and on the same cables, the same power rating, but uses a quick twist lock mechanism instead of screwing on. This type of connector is often used indoors, or where frequent configuration changes are needed. It's available for the same cable sizes as UHF and N fittings, though it's somewhat rare to encounter a BNC for the larger cables.

For very high power use, more than amateurs are allowed, the C or the EIA connector will be used. The C connector looks like a N connector on steroids, and the EIA connector uses a bolted flange. It comes in several sizes.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3073. Re: Need windows 3.1 for 286 on pactor, help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:06:07 UTC
From: jholly@cup.hp.com
Message-ID: <D58FE7.Jws@cup.hp.com>
Source record: 251175

Jonathan Haynes (equinox@halcyon.com) wrote:
: Hello-
: I am looking for a version of Windows 3.1 that I could load onto my 286
: machine. Since it's so old I was thinking somebody wouldn't mind
: compressing it and sending it to me so I can update the old machine
: enough to use the software I have downloaded...
: Thanks
: Jonathan, Olympia, WA KC7FYS

right .... so since you have an old pig of a computer you feel you
deserve the software for free? get real. Go buy like everyone else.
Why should I participate in the violation of the copywrite laws?
Want do I get for it? I paid my money for 3.1. If you don't want to
buy Windows 3.1, don't download windows software. Simple solution.

Jim, WA6SDM
jholly@cup.hp.com

3074. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:07:24 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jptfs$qn0@ecom4.ecn.bgu.edu>
Source record: 251165

gfiber@halcyon.com (Gary P. Fiber) writes:

>Do not be so sure of yourself. The IC-2IA will receive aircraft, but was not tested for Part 15 rules
>for that frequencty range. It did not operate there without modification so it really was not
>legal to modify the receiver for the aircraft expansion with that radio. The 2IA's accepted range
>was receiving 136 to 174 MHz. You really need to get a copy of the type acceptance for each
>radio you want to modify.

>Each radio that has a receiver that operates above needs to pass type acceptance, not just the
>design of a receiver unit the manufacturer used in another radio. The latest radio's will be
>type accepted as a scanning receiver. This again is the amateur radios of mass manufacturer.
>remember you can build your own and do not need it type accepted, just need to follow the
>technical specifications of Part 97.

You are right, each individual radio is different.
But, this just raises another loopole/grey area in the regulations.
If you modify a radio to extend its receiving capability,
you automatically void its type acceptance as per part 15 .

But, once you mess with the receiver, without having a valid
type acceptance assigned to it, isn't it the same thing as
building one from scratch. You didn't manufacture, or sell the thing,
you basically built it. It doesn't matter if you built it from
individual parts, or from a whole unit.

Isn't this how people are capable of building amateur gear from
surplus military stuff? Who cares about type acceptance, because
type acceptance ONLY applies to the manufacture and sale of the
equipment.

LIke I said, you were correct about individual radios being
different. I used the example of the FT-23R before I realized
that not all manufacturers use the same receiver in more than
one modle of radio. I doubt there are many dualband commercial
radios on the maket, so it stands to reason that the recievers
in dualband amateur gear is 'special', and only type accepted for
amateur frequencies.

It would be interesting to find out what the receiver in the
FT-51R is type accepted for. It requires a 'software'
modification to recieve outside the amateur band. So, does
its reciever actually need to be type accepted for anything
other than the amateur frequencies? Is a software modification
equivalent to a hardware modification in the eyes of the FCC?
I would guess it is, but I am always warned of guessing.

-==-
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

3075. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:18:19 UTC
From: n1ist@netcom.com
Message-ID: <n1istD58FyJ.5x4@netcom.com>
Source record: 251166

In article <3jnq99$r8b@nspace.cs.ucsb.edu> probert@nspace.cs.ucsb.edu (Dave Probert) writes:
-So my questions are as follows. On Field Day:
-
- Can unlicensed individuals operate under the supervision of an appropriately
- licensed control operator?

Sure. Just watch out for third-party limitations when contacting DX stations.

- In particular, can they operate the Novice/Tech station?
Interesting question. According to the FCC, yes. According to the league, I'm not sure (I think the rules state only novice/techs, but that may be an oversight)

- Can Novice/Techs operate the 20m station under a control operator?
Same as unlicensed stations.

- The 1994 rules do seem to suggest that only Novice/Techs should operate the
- Novice/Tech station -- but I assume this is to keep higher class licenses
- from sandbagging. Is that correct?
This has always been the case. BTW, I think this includes setup.

-I hope that the rules don't preclude operation under a control operator.

That would be counter-productive, since one of the goals for FD is to get people interested in Ham radio. It is hard to do that if they can't operate.

/mike
--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

3076. Re: License Renewal Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:18:20 UTC
From: nw2l@aol.com
Message-ID: <3jpu4c$h13@newsbf02.news.aol.com>
Source record: 251167

Larry --

You need an FCC Form 610, available from the FCC's Forms Distribution Center (1-800-418-3676) or the ARRL (1-203-666-1541 or e-mail to mcarcia@arrl.org). Fill that out and submit it along with a copy of your license. You will receive the renewal in the mail in several weeks.

There is a 2-year grace period for renewals, so you should keep your current callsign. Good luck &

73,
Rich Moseson, NW2L
CQ Online
(NW2L@aol.com or CQ@genie.geis.com)

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3077. Re: Calling HAMs from India

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:20:04 UTC
From: kuehn@hera.cc.bellcore.com
Message-ID: <3jpu7k$gd6@hera.cc.bellcore.com>
Source record: 251168

In article <1995Mar5.123128.43673@cc.usu.edu>,
Raghuram Tumkur <raghu@PROBLEM_WITH_INEWS_DOMAIN_FILE> wrote:
>Hi,
>
>I am calling hams from India since I had questions specific
>to the licensing rules there.
>
>I will be visiting India for a month. I am a citizen of India
>and have a Tech Plus license from here. I would appreciate some
>answers for the following questions:
>
>1. How easy is it to get a license in India?

Procedure is simple but takes a lot of time to get the
licence physically in hand, since the licencing authority
(Wireless Planning and Coordination Wing of Dept. of Telecommunication
i.e. Indian FCC in New Delhi, amateur licensing section)is under staffed and
there is a hugh back log. Its not computerised like FCC. You can
forget about getting a licence within a month.

>2. Who do I contact to get a license? (I will be going to Bangalore)

Local or Reciprocal ?
For local license: You need to sit for an examination.
Both theory(rules + radio theory) and practical (morse sending
and receiving). Exams are conducted at the wireless monitoring
stations situated near many major cities in India. You have one
near Bangalore also.
You need to contact the officer incharge of the
monitoring station to schedule an exam. for you. based on your
result in th exam. licence is issued from New Delhi.

There is no concept of VE/VEC as in USA.

Reciprocal: You need to apply well in advance to the authority in Delhi
with attested copies of your licence etc. Its better if you
could contact some ham in Delhi who could expedite the process by physically
going to the licensing office. Since amateur licensing is considered low
priority by them, hence the dept. is under staffed.

FYI, Bangalore has highest concentration of hams in India. They have
2 repeaters (open).

For additional information you could send me mail.

>3. What are the license classes and what are the freq. privileges?

5 types of licence
1. Advanced (12 wpm morse send&receive + rules + advanced radio theory)
all HF / VHF / UHF access of Indian amateur bands.

2. grade I (12 wpm morse send&receive + rules + moderate theory)
same as 1 except less power (100w in HF max. 10w VHF)

3. grade II (5 wpm morse send+receive + rules + simple theory)
same as 2 except log extract of first 100 both way CW contacts
should be submitted to get voice endorsement on HF bands)

4. Restricted (only rules & theory)
Only VHF access, also if you fail in morse exam. for 1,2 or 3, you
could get this class.

5. SWL (No exam, only listening permission)
Log extract of ham QSO's heard should be submitted to renew
licence.

Contact me for more information if needed.

>4. Is it ok to take an HT with me?

I would suggest not to take the HT. In India it is illegal to
possess a communication RX or TX or TCVR without proper licence.
Hence such equipments are taboo for Indian customs and may be confiscated.
In best case you may be allowed to leave the HT at customs and collect it
while coming back.
Though it is legal for hams to import an equipment in India
through proper importing procedures by payment of duty (50-60%),
most of the customs officers at airports are ignorant of amateur hobby
and may give you a trouble even if you have a valid Indian amateur licence.
But there is a way out....

for more info contact me.
>
>I would appreciate answers to these questions and any experiences
>people have had. Thanks in advance.
>
>73,
>
>---
>Raghu Tumkur, GAS Lab, Department of Physics | ____ _ o /\
>Utah State University, Logan, UT 84322-4415 |___ _-_<, / /\/\
>KC7GJZ | (*)/'(*) /\/ / \ \
>email : raghu@gas.physics.usu.edu |----------------------
>http://gas.physics.usu.edu/~raghu |
>"Live to Bike to Work to Live......." |

For further information send email.
73s de miki / asis
W2/VU2MKI
----
opinions are mine only

3078. Re: More Ham-Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:24:24 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar10.162424.2385@ke4zv.atl.ga.us>
Source record: 250994
Body handling: HTML body converted to readable text

In article wcoyle@delphi.com writes:
>The other big problem is that the media in general couldn't be
>bothered with a GOOD story about Amateur radio, like the
>earthquakes, floods, ect. since this doesn't boil anyones
>blood. But when you tell people that if you live next to one
>of these people (hams) that your toster's gonna sound of CQ all
>hours of the night, they get riled up, and they want more.

I'm happy to report that the local guys did a great PR job
on the SAREX school contact here last evening in Atlanta.
They got radio and TV coverage. WGST gave them good radio
mention, and at least WXIA-TV had a camera crew present
and broadcast the contact on this morning's news show.

It was very positive coverage, but it only happened because
the hams involved did an excellent job of *selling* the story
to the news producers. This is critical. If you want good PR,
you've got to work at it. The media isn't going to come looking
for you, unless you've done some sensationalistic screw-up.

For good PR, you've got to convince them it's worth covering,
and make it easy for them to cover it. That includes *timely*
press releases with key information, and followup calls to
the producers. Tying the amateur angle to something else of
interest, like the Shuttle, or positive effects on kids, will
increase your chances of getting coverage.

NASA, and the SAREX team at NASA, deserve a big pat on the
back as well. In national news coverage, they have repeatedly
slipped in mention of the amateur radio connection with the
current Shuttle flight. It's the best job done to date in
mentioning SAREX activities. In general, the media didn't
ask, but they were *told* about it during the routine
coverage. That's what it takes. Don't expect the media
to cover you unless you meet them at least halfway. Give
them a hook, help them write the story, sell, sell, sell.

Gary
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Lawrenceville, GA 30244 | |

3079. Re: HAMS AND MOUNTAINS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:37:07 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3jpv7j$1120@info4.rus.uni-stuttgart.de>
Source record: 251019

In article <9503062035.0SX6N00@ccxbbs.uunet.ve>,
<wolfgang.scherer@ccxbbs.uunet.ve> wrote:
> But what caught my attention was the use of solar power to recharge
>the batteries for the HHT.

Wolfgang,

I have used a solar panel, to charge the batery in a fixed station away
from mains, but not for mountain climbing. Quite frankly, it has it's
limits. Take a 50 W panel, which is not exactly small, and have
it sitting in the sun. On average it will harvest 5 to 10 watthours
per day, which is about 400 to 800 mAhours at 12V. Now this is
quite optimistic, sincesome losses during charging will occur.

(of cause, for no clouds and if you keep tracking, performance will
be a lot better, the above is for a fixed panel and average weather)

Now, take a good alkaline battery, sone brands are specified at 10 000
to 18 000 mAh for the "mono" or "C" size. So they will be as good
as the (heavier) accumulator + solar panel for *two weeks*.

Therefore, for shorter, and specially contest like operation it
will have to be battery (rechargeble for cost and ecology), and the solar
panel only for remote operation over long periods.

73, Moritz Dl5UH

3080. Re: Novice questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:45:26 UTC
From: nw2l@aol.com
Message-ID: <3jpvn6$h98@newsbf02.news.aol.com>
Source record: 251172

Hi Jon --

I think what Bill meant in his March column was that most transceivers today are designed to LET you operate mobile and to make it easy for you if you choose to. But, of course, most people never actually do that. It's something to take up with the manufacturers sometime.

Just because a radio isn't optimized for CW operation (such as with full break-in keying, or QSK), it doesn't mean that you can't have a perfectly good time -- and be very successful -- making CW contacts. So buy your rig, and have a ball on both CW & voice.

Two meters and 440 (70 cm.) are the most popular VHF bands and they are mostly used for local FM mobile contacts. There are occasional band openings that permit repeater "DX." If you're really interested in making faraway contacts on VHF & UHF, then you'll need to invest in a "multimode" radio that permits you to use CW & SSB in addition to FM. Most of the "weak-signal" work and DXing takes place at the bottom of the VHF bands and is done in CW & SSB. It's great fun! (Amateur satellites, by and large, also operate CW & SSB; they offer your best opportunity for true DX on VHF/UHF)

As for HF operation (160-10), you're best off buying the most that you can afford right now, because the rig will likely last for many years, so you should get as much as you can in your initial purchase. Today's rigs are so miniaturized and so complex that it often costs more to gather the parts needed for building your own than to buy a commercially-produced radio. That's why there are so few kits out there anymore.

There are still people using transverters for SSB/CW work on VHF/UHF; they're a lower-priced alternative to buying separate multimode rigs for each band. Unfortunately there aren't many out there (I don't know if anyone still sells them new), so you'd have to build your own or scout around at flea markets.

Six meters is a great band; only problem is the potential for TV interference if you have a station on Ch. 2 in your area, since 6 meters sits just below Ch. 2 in frequency. The spread of cable has reduced this problem.

Power is nice but not necessary. There are many, many, people who have worked hundreds of countries on low power -- what we call QRP, or 5 watts or less. The average HF rig today runs about 100 watts, more than enough for casual contacts nearly anywhere. (The serious contester or DXer who needs to break through "pileups" and beat the competition will go for higher power; but you'll do better to invest in a better antenna system

before buying an amplifier.)

You'll find more about most of this on the CQ videos, Getting Started in Ham Radio and Getting Started in VHF, available directly from CQ at 1-800-853-9797.

73,
Rich Moseson, NW2L
CQ Online
(NW2L@aol.com or CQ@genie.geis.com)

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3081. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:55:27 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar10.165527.2649@ke4zv.atl.ga.us>
Source record: 250995

In article <3jot6q$pe9@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>pgeorge@sallie.wellesley.edu (PETER Q. GEORGE) writes:
>> There are a lot of NEW amateurs out
>> there who are a credit to the hobby.
>
>And there are alot of bozos. Especially in our
>area. Just this week I heard someone tell another
>ham the reason he heard a Springfield MA station
>(about 90 miles away) was due to "the snow and ice"
>in the air helping propagation. I didn't have the heart to key up and
>mutter the word "absorption" to him.

Ah, but you should have. Well maybe *you* shouldn't have, but someone could have explained the rudiments of propagation to him in a non-confrontational way that could have made for an enjoyable QSO for both parties. Passing a 5 WPM beeping test wouldn't have taught him a bit more about propagation than the exam he took. Like most newcomers to the service, he's still got lots to learn. And he isn't going to learn it unless someone who knows is willing to teach, or at least point in the right direction.

>As opposed to the codeless tech license that I am, I also realize
>that its helped the hobby quite a bit in some areas of the country.
>I just wish some of those benefits would show up around here.

The only places it's helped is where the newcomers are warmly welcomed and gently guided by more experienced amateurs. The open hand is usually much better received than the clenched fist. I probably spend at least a quarter of my time on the air teaching, and another quarter learning. Sone of these newcomers have large measures of expertise in related fields. The other half of the time, I'm just shooting the breeze, it can't all be serious and "educational". :-)

Gary
--
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Lawrenceville, GA 30244 | |

3082. CQ Highlights 4/95 Issue

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 16:57:00 UTC
From: nw2l@aol.com
Message-ID: <3jq0cs$hd0@newsbf02.news.aol.com>
Source record: 251173

"CQ" HIGHLIGHTS - APRIL, 1995

Antennas are the main focus of CQ magazine's April, 1995, issue -- with five of six feature articles devoted to the topic, plus a review of a new 2-element, 5-band, quad. Here's a look at some highlights:

ANTENNA "EFFICIENCY" - WHAT IS IT?
by Lew McCoy, W1ICP

What's the most important factor to consider in evaluating an antenna -- gain, signal pattern or efficiency? According to antenna authority and CQ Technical Editor Lew McCoy, W1ICP, your anwswer should be "efficiency." But, he acknowledges in an article in the April, 1995, issue of "CQ - The Radio Amateur's Journal," most amateurs "don't seem to comprehend antenna efficiency, or if they do, they seem to dismiss the subject out of hand. This is unfortunate ... I decided to write this article to try to make amateurs more aware of what antenna efficiency really is."
McCoy goes on to explain (in considerably more detail than we can here) that "in amateur radio, efficiency means what one gets out of a circuit in relation to what one puts into it." Antenna efficiency, he writes, is basically a ratio of the power radiated by an antenna to the power lost in the antenna system.
"Suppose we have a rig putting out 100 watts and we feed that power into the antenna. Also, let's assume the antenna has a 3 dB gain. That 3 dB would increase our radiated signal in the antenna's best direction by twice, or 200 watts. Let's also assume that the efficiency of the antenna only has a ratio of 50 percent. That means we lose 50 watts, but because the antenna has 3 dB of gain, we end up with what we started at -- 100 watts being radiated."
The article explains the many factors that affect antenna efficiency, including length, design, quality of parts, etc., and offers advice on

choosing the
most efficient antenna and maximizing the efficiency of the one you
already have.
(McCoy also covers the topic of antenna efficiency in his book, "Lew
McCoy on
Antennas," published earlier this year by CQ.)

Other antenna-related articles in the April issue of CQ include:
"Build
Your Own Gin Pole for 12 Bucks," "Oh No! Not My Antenna!" "The A1M1
Magnum Slingshot" and "A DX Antenna for 160, 80, 40 & 30 Meters," plus a
CQ
review of the Antenna Mart AMQ-2-5 quad antenna.

(Online profile by Rich Moseson, NW2L)

Here's the complete Table of Contents for the April issue:

CQ - The Radio Amateur's Journal April, 1995

FEATURES:
"Secrets of Famous DXer Revealed", by Prof. Emil Heisseluft
"Antenna 'Efficiency' - What Is It?",by Lew McCoy, W1ICP
"Build Your Own Gin Pole for 12 Bucks", by Jack McElwain, W5SVZ
"Oh No! Not My Antenna!", by Tom Wayne, WB8N
"The A1M1 Magnum Slingshot", by Hillar Raamat, N6HR
"A DX Antenna for 160, 80, 40 & 30 Meters", by Carl J. Moreschi,
N4PY

COLUMNS:
Antennas & Accessories, by Karl Thurber, Jr., W8FX -- Random
Reflections, Part II
Bill's Basics, by Bill Welsh, W6DDB -- Equipment and Accessories,
Part II
Doug's Desk, by Doug DeMaw, W1FB -- Some Receiver Design Aids
Math's Notes, by Irwin Math, WA2NDM -- A new Software "circuit
design" program
Packet User's Notebook, by Buck Rogers, K4ABT -- The MFJ-8621
"Packet Only" Data Radio
Radio FUNdamentals, by Bill Orr, W6SAI -- Glass Radio, The Good
Old
Days of Tubes
VHF Plus, by Joe Lynch, N6CL -- New 145 GHz Record Set
Washington Readout, by Frederick O. Maia, W5YI -- Communicating
With the Astronauts by Amateur Radio
World of Ideas, by Dave Ingram, W4TWJ -- Morse Mania - The
Romance of Keys Continues

CQ REVIEWS:
The Antenna Mart AMQ-2-5 Two-element, five-band quad antenna, by
Lew McCoy, W1ICP

CQ SHOWCASE: New Amateur Products

DEPARTMENTS:
Awards, by Norm Van Raay, WA3RTY -- News of Certificates and
Award Collecting
Contest Calendar, by John Dorr, K1AR -- "QRZ, Is This Frequency In

Use?" + Contests for April & early May
DX, by Chod Harris, VP2ML -- The Conway Reef DXpedition
Propagation, by George Jacobs, W3ASK -- Solar Cycle Progress;
Short-Skip Charts for April 15 Through June 15.
Zero Bias (Editorial), by Alan Dorhoffer, K2EEK
Announcements (Special Events & Hamfests), by the CQ Staff
Ham Shop (Classified Advertising)

ABOUT CQ MAGAZINE

CQ: THE RADIO AMATEUR'S JOURNAL is the leading independent magazine in
ham radio today. Celebrating its 50th anniversary in 1995, CQ is written
for the
active ham, with regular coverage of contests, awards, VHF operating,
DXing and
propagation forecasts. It also includes features on antennas, packet
radio,
information for new hams and much, much more.

CQ sponsors several on-air contests, including the grand-daddy of them
all, the
CQ Worldwide DX Contest, plus a variety of awards, including the very
challenging
WAZ (Worked All Zones) and USA-CA (United States Counties) awards. In
addition, there are special activities in connection with the magazine's
50th
anniversary in 1995, including the year-long opportunity to earn the CQ/50
GOLD
AWARD and its many endorsements. (Any active ham can qualify for the
basic
award.)

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CQ@genie.geis.com, CQMagazine@aol.com, 72127.745@compuserve.com
or p00259@psilink.com.

3083. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEA

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 17:00:05 UTC
From: richwood@commspec.com
Message-ID: <7786245789701@commspec.com>
Source record: 251170

IW>Listen in on a pileup (or join in) on some rare DX who is working
split
IW>(listening up a few kHz from his transmitting frequency) some time!
IW>Invariably someone will send "CALL?" followed by a chorus of "UP UP"
IW>which seems to invoke someone tuning right on top of the DX which
IW>incites a chorus of "LID LID" mixed in with obscenities.

Zack,
... and all these years I've been told CW filters out all these
people and makes the bands safe for moral purity.

I am, of course, saddened and dismayed at hearing that code has
failed at filtering the fracas. Another cosmic truth has bit the dust.

Rich
KF2JO
richwood@commspec.com

--
Communication Specialties BBS
commspec.com
Electronic, artistic and written communications
(212) 645-8673

3084. Re: Programmer Wanted (Chicag

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 17:00:06 UTC
From: richwood@commspec.com
Message-ID: <7786245792502@commspec.com>
Source record: 251171

IB>I consider it an honor that they looked here instead of just ignoring
us all
IB>together. Maybe its just a perk of the hobby that we have the reputation of
IB>being that source of technical expertise and considered by potential employe

Brian,
I wish it were so. I've been in the broadcast industry for a lot of
years and have never heard anyone suggest that we look among the ranks
of Hams for talent. In fact, we're perceived as being behind the times
in our technical expertise. Rarely does a radio or TV station have any
need for CW.

While hams debate the awesome purification power of code, the rest
of the world advances to digital, microwave and fiber.

Rich
KF2JO

--
Communication Specialties BBS
commspec.com
Electronic, artistic and written communications
(212) 645-8673

3085. Houston VE Exams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 17:22:00 UTC
From: biekert@phoenix.phoenix.net
Message-ID: <3jq1ro$aeq@gryphon.phoenix.net>
Source record: 250978

The Clear Lake ARC will hold its monthly ARRL VE Exams Saturday March 11th.

When: Sat March 11th, checkin 9am, all tests start at 9:30am

Where: Clear Lake Presbyterian Church 1511 El Dorado Blvd in Clear Lake
Enter the west door of the old church and follow the signs

What: You will need:
ORIGINAL and COPY of most current license
original AND copy of any valid CSCEs
2 forms of ID, one photo
current test fee $5.90 (no charge for Novice)

We have 610 forms and smiling faces to help you get checked in.

For more information:
email biekert@phoenix.net or jheil@phoenix.net
call Jim KB5AWM at 713/486-2032

73 and good luck
Bob

--
Robert E. Biekert KA5GLX Houston, Texas
Email: biekert@phoenix.net
Clear Lake ARC http://www.phoenix.net/~biekert/index.html
CLARC listserver clarc@mailserv.phoenix.net

3086. Re: Solar Electric Power for Emergencies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 17:28:41 UTC
From: trace@eskimo.com
Message-ID: <D58J7t.Hnx@eskimo.com>
Source record: 250987

Also, check out 'HOME POWER' magazine, found in most of the bigger
magazine stores.
Bob KI7IQ (Trace Engineering)

3087. Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 17:44:55 UTC
From: kreifels@intel.com
Message-ID: <kreifels.794857495@fmwu23>
Source record: 251021
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am trying to set up my FT-530 to operate on my motorcycle, a BMW K75S.
I understand that 73 magazine had a cover story in the April 94
issue covering this subject. Is anyone out there able to mail or fax
me a copy of that article? Please post or email any replies.

I'd also be interested in hearing comments from anyone who has done this.
In particular, I'm looking for headset helps, particularly how to
make one headset work either PTT or VOX, radio mounting tips, and
suggestions for antennas to work without a ground plane. (I'd
prefer NOT to home-brew the antenna, so suggestions for commercial
antennas are preferred.) I do want 2m/70cm ability as well.

73 and thanks in advance.

Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com

"My opinions, not my employer's."

3088. Need source for inifinite turn potentiometers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 17:51:47 UTC
From: dnp@math.mit.edu
Message-ID: <1995Mar10.175147.3841@galois.mit.edu>
Source record: 250990
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Greetings,

I've been having trouble locating a rotary potentiometer (around 0-150K ohms). I'm not sure if this is the proper name for it, but basicly I need an infinite turn pot., that is it is not restricted. I've modified a few pots. by removing the limiting barriers, but this leaves an unsavory "gap". If you know a source for such critters, please contact me!

Many thanks in advance,

dnp@math.mit.edu
N6RIO

3089. Need source for inifinite turn potentiometers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 18:16:36 UTC
From: dnp@math.mit.edu
Message-ID: <1995Mar10.181636.4120@galois.mit.edu>
Source record: 250992
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Greetings,

I've been having trouble locating a rotary potentiometer (around 0-150K ohms). I'm not sure if this is the proper name for it, but basicly I need an infinite turn pot., that is it is not restricted. I've modified a few pots. by removing the limiting barriers, but this leaves an unsavory "gap". If you know a source for such critters, please contact me!

Many thanks in advance,

dnp@math.mit.edu
N6RIO

3090. Need source for inifinite turn potentiometers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 18:27:37 UTC
From: dnp@ATHENA.MIT.EDU
Message-ID: <3jq5mp$i2d@senator-bedfellow.MIT.EDU>
Source record: 250991
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Greetings,

I've been having trouble locating a rotary potentiometer (around 0-150K ohms). I'm not sure if this is the proper name for it, but basicly I need an infinite turn pot., that is it is not restricted. I've modified a few pots. by removing the limiting barriers, but this leaves an unsavory "gap". If you know a source for such critters, please contact me!

Many thanks in advance,

dnp@math.mit.edu
N6RIO

3091. FT-530 RX 800 MHz?? can the FT-51R do that?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 18:29:13 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jq5pp$ba3@ecom4.ecn.bgu.edu>
Source record: 250996

I have read where the FT-530 has the capability to RX 800 MHz.
Is this true?
Not that it applies to me, because I have a FT-51R.
But I wonder if the 51R can be modified the same way.

thanks,
Dave
N9HUR
mudaw@ecom.ecn.bgu.edu

3092. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 18:50:21 UTC
From: Michael Blankenship <zblank@tyrell.net>
Message-ID: <Pine.SUN.3.91.950310124438.28196A-100000@tyrell.net>
Source record: 251010

On 9 Mar 1995, Alan Larson wrote:

> In article <3iohqd$iib@acme.freenet.columbus.oh.us>
> gfoley@freenet.columbus.oh.us (Gerard Foley) writes:
>
> >I thought the capture properties of FM, which would reduce the
> >probability that simultaneous transmissions would be detected,
> >was an important consideration in rejecting it for VHF air.
> >The abrupt degradation in S/N ratio at threshold of FM is
> >another disadvantage. 73 and GL Gerry K8EF@W8CQK.OH.USA.NA
>
>
> I claim this is legend. No real basis in fact.
>
> If you have the 20 dB difference in signal strength required for
> a good quieting capture, the other station is probably about 10 times
> as far away -- not likely to be of much concern.
>
> If they don't get an answer, they will call again when they hear
> someone else having been answered.
>
> The squeals are just an annoyance, and capture would be a benefit, at
> least that way one of the messages would get through.
>
>
> If you look at the performance of FM it is clear that the signal will
> be fine out to the horizon. 10 watts of VHF FM will go a very long
> ways line of sight.
>
>
> If you look at the problems understanding weaker AM signals in a
> noisy aircraft, you would be begging for FM.
>
>
> Alan
>
>
Then there is the problem of Doppler effect......

3093. Re: 2 meters/10 meters in Israel?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 19:04:41 UTC
From: brunob@hpcc01.corp.hp.com
Message-ID: <31640047@hpcc01.corp.hp.com>
Source record: 251176

Shalom Abraham,
Your question as to the restriction in 4X/4Z land is to broad to answer.
Generaly speaking, protocol is the same as in USA, except that is strictly
enforce.
If you have specific questions please e-mail.

from the log of AA6AD

3094. Trip to Yuma, anyone there?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 19:07:03 UTC
From: meh@cbsms1.cb.att.com
Message-ID: <D58nrr.IAt@nntpa.cb.att.com>
Source record: 251002

Hello all

I will be taking a trip to Yuma AZ sometime near the end of the month
of March. Is there anyone reading these groups living there that is interested
in either QRP, Packet, or Boatanchors. I am interested in getting some
information on the area before coming down there. Please respond via email at

meh@cbsms1.cb.att.com

Thanks Marty kd8bj

PS. Maybe a southwest AZ lunch somewhere.

--
--

****
-===- _______ _______ Martin (Marty) Hartwell

3095. GB2RS News 12th March 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 19:13:16 UTC
From: dave@llondel.demon.co.uk
Message-ID: <794887996snx@llondel.demon.co.uk>
Source record: 251004
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 12th of March and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

The RSGB London Amateur Radio and Computer Show is taking place this weekend.

And RSGB headquarters will be open to visitors next Saturday.

Today, Sunday the 12th of March, is the second day of the RSGB London Amateur Radio and Computer Show, which is taking place at the Lee Valley Leisure Centre, Picketts Lock Lane, Edmonton, in north London. This major annual event features over 100 trade stands, an RSGB book and information stand, lectures, special interest groups and a bring and buy stall. RSGB Morse tests will be available on demand, but don't forget to bring two passport-size photographs along if you wish to take your test at the Show. There will be talk-in stations on 2-metres and 70-centimetres, and doors open at 10.00 am with priority admission for the disabled. Refreshments are available on site. The official 8-page Show guide, which was published in the March edition of Radio Communication, includes a full programme of events and travel details.

Next Saturday, the 18th, RSGB Headquarters at Potters Bar will be open to visitors. This is not a formal open day so there will be no guided tours, but the shack, museum, library and bookshop will be available from 10 am to 4 pm.

King's College London is holding a 'Radio And Communication Day' on Friday the 24th of March, which will be open to the general public. There will be an exhibition, a series of presentations on the development of radio and the unveiling of a plaque commemorating the work of Sir Edward Appleton. There will be an RSGB stand at the exhibition, with representatives available to answer questions about amateur radio and the Novice licence. The 'Radio Day' will be held at King's College Strand campus, located next to Somerset House and close to Waterloo Bridge. The closest underground station is Temple. For further information call Anne Robinson on 0171 873 2696.

Would all G1s please note that they now have a new QSL bureau sub-manager. He is Mr M Marriott, G0OPC, Greenfield View, March Road, Friday Bridge, Near Wisbech, Cambridgeshire, PE14 0HA, who takes over from Mr R Kingstone, G4HHB.

This year is the 100th anniversary of Marconi's first successful experimental transmissions and there will be a number of special event stations and exhibitions on International Marconi Day on the 22nd of April and during the course of the year. At RSGB headquarters in Potters Bar there will be a Marconi exhibition and a special event station, GB100IMD {that is GB one hundred IMD}, at the RSGB's annual Open Day which this year is also on Saturday the 22nd of April. Would anyone celebrating the 100th anniversary of Marconi's work please let us know at RSGB headquarters so we can give your special event station or exhibition a mention on GB2RS.

The new RSGB Liaison Officer for South Gwynedd is Gordon Rogers, GW0RJV, whose address is Maesgwersyl, Garthmyl, Newtown, Powys SY15 6RS, tel: 01686 640611, who is also RLO for Powys. RLOs hold a wide range of information and are available to help RSGB members in their county.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

From Paraguay, NI5D and KD5IC will sign 'ZP stroke own calls' from Thursday the 16th of March until the 15th of April. Try 7.250 and 14.240MHz.

From South Africa, ZS6YA is signing ZS9RWR from now until the end of May for the Rugby World Cup games. In major contests he will sign ZS9F.

And from Jamaica, K6JAH/6Y5 will be active from now until Wednesday the 22nd of March on 10 to 40 metres, SSB only.

Next the Rally News:

Today, Sunday the 12th of March, is the Wythall Radio Club Rally, at Wythall Park, Silver Street, Wythall, near Birmingham. It features the usual traders in three halls and a marquee, a bring and buy stall, and bar and refreshment facilities. Talk-in is on channel S22.

Next Sunday, the 19th of March, the Norbreck Amateur Radio Electronic and Computing Exhibition will take place at the Norbreck Castle Exhibition Centre, Blackpool. Details from Peter, G6CGF, on 0151 630 5790.

Also on Sunday the 19th, the Tiverton Mid-Devon Rally will take place at Pannier Market, Tiverton. The rally features trade stands, a bring and buy stall and refreshments in two halls. The doors open at 10.00 am. Talk-in will be on channel S22 and further details may be obtained from G4TSW, Mid-Devon Rally, P O Box 3, Tiverton, Devon.

Now for the HF contest news:

The RSGB Commonwealth contest is taking place today, the 12th of March. This contest, which started at 1200 UTC yesterday, continues until 1200 UTC today. Work Commonwealth call areas on CW only and send RST and serial number. The full rules were published in the November 94 edition of Radio Communication.

Next weekend, the 18th and 19th of March, the Bermuda Contest takes place, and the following weekend - the 25th and 26th of March - is the CQ WPX SSB contest.

As usual, HF National Field Day this year will be held over the first weekend in June, the 3rd and 4th. There is a small change to the rules this year - a second receiver will be allowed in both the Open and Restricted sections. That is, you will be allowed to use one transmitter and one receiver (or one transceiver) plus an additional receiver. Note that a transceiver with a built-in second receiver, such as the FT-1000, counts as two receivers. Groups wishing to compete must send details of the site to be used to: David Hill, G4IQM, 14 The Garrones, Worth, Crawley, West Sussex, RH10 7YT, to arrive no later than the 6th of May. The full rules will be published in the April edition of RadCom, but groups wishing to receive an advance copy are welcome to request one from the RadCom office at RSGB Headquarters.

Next some VHF contest news:

Today, Sunday the 12th of March is another event in the 70MHz Cumulative Contest, which is taking place between 1000 and 1200 UTC. The rules can be found in the January RadCom.

And in two weeks time, on Sunday the 26th of March, another 70 MHz contest will take place - it is the 70 MHz Fixed station and SWL contest, and the rules for this contest can be found in the February RadCom.

After extensive consultation that took place with regard to the 4-metres or 6-metres contest debate earlier in the year and at the VHF Convention on the 19th of February, the VHF Contest Committee chairman is pleased to announce that there will be no changes with respect to 4-metres in this year's Field Day, and he would like to thank all correspondents for their input. As a result of this feedback, the VHF Contest Committee is currently looking at ways of promoting new 6-metre and 4-metre events.

Now some beacon news:

G0RDI/P has been authorised as an NBFM beacon on 50.83MHz at Amersham for a limited period of six months. The current power level is 1W and identification is by keyed tone.

GB3WV, the 1.3 GHz ATV repeater on channel RT2R located at Weymouth, Dorset, was taken out of service on the 25th of February.

The Salisbury UHF repeater, GB3SW, on channel RB9, resumed service on the 17th of February.

The Harrow UHF repeater, GB3HR, on channel RB14, is temporarily off the air due to a transmitter fault.

The Daventry UHF repeater, GB3XX, on channel RB13 is temporarily off the air due to a fault with the repeater logic.

GB3HK at Hawick on channel RB14 is temporarily off the air due to a fault with the transmitter PA.

And now the solar factual data:

The period from the 27th of February to the 5th of March saw solar activity at very low levels. Sunspot numbers increased slightly and the geomagnetic activity was mostly unsettled to active. The sunspot indices increased slightly every day from 56 on the 27th to 85 on the 5th, the mean for the period was 71. Solar flux levels up to the 4th varied little day to day and were about 90 units, but on the 5th declined to 84 units. The average for the period was 89 units. Several small sub flares were reported on the 28th and the 3rd. The electron fluence increased from moderate levels on the 27th and the 28th, to very high levels on the 1st to the 3rd before declining to high levels on the 4th. The X-Ray flux remained almost stationary for the period and averaged B1.0 units. The 90-day solar flux average on the 5th was 85 units, one unit up on last week.

Geomagnetic levels were mostly active with the most disturbed day being the 28th with an Ap index of 28 units; the most likely cause was a disappearing filament from the south-west quadrant of the sun on the 26th. The only quiet day was the 3rd with an Ap index of 7 units. The average for the period was Ap 19 units. The state has been 'mag alert' for most of the period. The aa indices as supplied by the British Geological Survey for the period from the 21st to the 27th of February were very quiet up to the 26th. The 25th was down to only 4.8 nanoTeslas. Levels increased to 25.9 nanoTeslas on the 26th and increased again to 'Sub Storm' levels on the 27th with 43.0 nanoTeslas being recorded. The average for the period was 14.9 nanoTeslas, about K2. The monthly RI sunspot number for February was 29.9, with a maximum of 47 on the 22nd and a minimum of 12 on the 8th. The smoothed monthly sunspot number for August 1994 was RI 26.8, +/- 5.

I'll repeat the figures:

Spots - 71; Flux - 89, Ap index - 19, X-Ray flux - B1.0, February spots - RI 29.9.

Now the ionospheric data for Central France

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 24th of February to the 2nd of March, averaged 7.8MHz, the best day being the 26th up to 9.6MHz. Levels declined to 6.8MHz on the 1st due to the high geomagnetic activity. The darkness hour lows declined from 3.7MHz on the 25th to 2.0MHz by the 28th, and averaged 3.2MHz. The daytime highs are taking place anywhere between 10.00 hours and 17.00 hours, with the darkness hour lows between 04.00 and 06.00 hours.

I'll repeat the figures: highs-7.8MHz, lows-3.2MHz.

And lastly the solar forecast.

This week solar flux levels are expected to increase to the high 80s, but solar activity should remain very low. Geomagnetic activity is expected to be at active levels for the next few days and then decline to quiet levels for the rest of the week. Ionospheric MUFs for the south are expected to increase this week from about 18MHz up to 24 later in the week. Levels for the north will be some three MegaHertz lower than the south. The darkness hour lows are expected to be about 8MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Uniform and G7 Uniform Papa series, and Novice calls in the 2 0 Alfa Juliet and 2 1 Delta Uniform series.

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GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

3096. ...amateur radio listserv? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 19:57:25 UTC
From: er899@cleveland.Freenet.Edu
Message-ID: <3jqav5$6t1@usenet.INS.CWRU.Edu>
Source record: 251005

Hi...anyone help with telling me if there is any ham radio
listserv's...specifically DX or contesting ones? Where are
DX'ers and contester's getting together on internet?

thanks...

John K7FD, jnichols@ednet1.osl.or.gov

3097. Re: Washington DC Area Hamfest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 20:03:14 UTC
From: gc@universe.digex.net
Message-ID: <3jqba2$k2q@universe.digex.net>
Source record: 250979

In article <tyej-1003950017240001@204.117.150.138>,
Jim Tye <tyej@annap.infi.net> wrote:
>Which day has the most tailgate items for sale?
[re: Timonium hamfest]

Depends on the weather. The last two years it has been pouring rain
on Sunday and the outdoor tailgate area has been empty. The indoor
tailgate area was full (not as much space as outside though).
The rain seemed to drive away more buyers than sellers; prices
were low on Sunday.

gc

3098. Request for Kenwood 731A Mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 20:21:00 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <1735DD7DCS86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 250983

I would appreciate any information regarding extended receive on the UHF portion of the Kenwood TM-731A 2m/440 dual-bander. I would like to RX (only) through 463 MHz, if possible. Thanks.

Jack, KA3OTU

3099. Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 20:35:45 UTC
From: Brian.Kelk@cl.cam.ac.uk
Message-ID: <3jqd71$p5b@lyra.csx.cam.ac.uk>
Source record: 250931
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc,rec.radio.info

Phonetic Alphabets (Alpha Bravo etc)

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets and spelling alphabets. This collection
currently includes alphabets for the following languages:

English, French, German, Dutch, Flemish, Italian,
Rumantsch, Slovak, Polish, Hungarian, Croatian,
Turkish, Swedish, Finnish, Russian, Chinese and
Esperanto.

This posting supersedes the one of 24th January.

Recent new material: Turkish 10 Mar 95
Croatian 24 Jan 95
French (Anatole Berthe) 24 Jan 95
Russian (Anna Boris) 15 Dec 94
Esperanto 17 Nov 94

My thanks to the many contributors, not all of whom are
acknowledged below.

I can make no guarantee of accuracy of this information;
indeed please send me any corrections or additions.

In my capacity as the editor of this collection I have no
objection to the further electronic distribution of this
posting in full in circumstances where it is likely to be of
interest.

Comments in square brackets are my own.

Brian Kelk bck1@cl.cam.ac.uk
10 March 1995

***** ENGLISH *****

The NATO phonetic alphabet (as per the Cambridge Encyclopedia
of Language under Seaspeak):

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

[The same alphabet, modulo Alfa and Juliett, is approved by
the International Civil Aviation Organization and the FAA.

The International Telecommunication Union Phonetics list
has: Alfa, Juliette, Oscar/Oskar, Victor/Viktor.
Dates from about 1956.
UK police use Indigo instead of India (?)]

Telecom B:

Alfred Benjamin Charles David Edward Frederick George Harry
Isaac Jack King London Mary Nellie Oliver Peter Queen Robert
Samuel Tommy Uncle Victor William Xray Yellow Zebra

[Found in Swedish, Dutch, Hungarian telephone directories.
A Swiss directory has: Andrew Charlie Lussy Queenie Sugar]

British A:

Amsterdam Baltimore Casablanca Denmark Edison Florida
Gallipoli Havana Italia Jerusalem Kilogramme Liverpool
Madagascar New_York Oslo Paris Quebec Roma Santiago Tripoli
Uppsala Valencia Washington Xantippe Yokohama Zurich

[An 'international' alphabet in a Dutch telephone directory
has: Danemark. A 'French' alphabet in a Hungarian directory
has: Cassablanka Danemark Que'bec Upsala Zu"rich]

Used by police in New York City:

Adam Boy Charlie David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Peter Queen Robert Sam Tom
Union Victor William X-ray Young Zebra

[Variants: Eddie Larry Nancy Thomas Yankee Yellow]

Used by police in Nassau County, Long Island, New York:

Adam Boston Chicago Denver Edward Frank George Henry Ida
John King Lincoln Mary Nancy Ocean Peter Queen Robert Sam
Thomas Union Victor William X-ray Young Zebra

Used by police in San Diego, California:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Queen Robert Sam Tom Unit
Victor William Xray Yellow Zebra

Used by police in Hutchinson, Kansas:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Q.. Robert Sam Tom Union
Victor William X-ray Yankee Zebra

Sometimes used by radio hams (unofficial):

America Boston Canada Denmark England France Germany
Honolulu India Japan Kilowatt London Mexico Norway Ontario
or Ocean Pacific Quebec Radio Santiago or Spain Tokyo United

Victoria Washington Xray Yokohama Zanzibar

[Much variation: Amsterdam, Brazil, Baltimore, Chile, Finland, Greece, Guatemala, Hawaii, Italy, Kentucky, Luxembourg, Nicaragua, Portugal, Romania, Sweden, Texas, Uruguay, Venezuela, Whisky, Zulu]

The ARRL (American Radio Relay League) alphabet (1948):

Adam Baker Charlie David Edward Frank George Henry Ida John king Lewis Mary Nancy Otto Peter queen Robert Susan Thomas union Victor William x-ray young zebra

[Nowadays the ARRL endorses the NATO/ICAO alphabet]

Allied Services 1945:

Able Baker Charlie Dog Edward Fox George How Item Jig King Love Mike Nan Oboe Peter Queen Roger Sugar Tape Uncle Victor William X-ray Yoke Zebra

From a book entitled "The Complete Morse Instructor..." (1944):

able baker charlie dog easy fox george how item jig king love mike nan oboe peter queen roger sugar tare uncle victor william x-ray yoke zebra

[The same alphabet is described as "Used by Armed services of USA & GB" in the ARRL 1945 Handbook. Entries cited in variants of this alphabet: affirm, cast, hypo, inter, negat, option, over, prep]

Western Union:

Adams Boston Chicago Denver Easy Frank George Henry Ida John King Lincoln Mary New_York Ocean Peter Queen Roger Sugar Thomas Union Victor William X-ray Young Zero

British Army 1927:

Ack Beer Charlie Don Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pip Queen Robert Sugar Toc Uncle Vic William X-ray Yorker Zebra

Royal Navy 1917:

Apples Butter Charlie Duff Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pudding Queenie Robert Sugar Tommy Uncle Vinegar Willie Xerxes Yellow Zebra

U.S. Army 1916:

Able Buy Cast Dock Easy Fox George Have Item Jig King Love Mike Nap Opal Pup Quack Rush Sail Tape Unit Vice Watch X-ray Yoke Zed

***** FRENCH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anatole bernard c'ecile denise 'emile fran5cois g'erard
henri isidore jean kl'eber louis marcel nicole oscar pierre
quital robert suzanne th'er`ese ursule victor wagon xavier
yvonne zo'e

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berthe Ce'cile Daniel Emile Franc,ois Gustave Henri Ida
Jeanne Kilo Louise Marie Nicolas Olga Paul Quittance Robert
Suzanne The're`se Ulysse Victor William Xavier Yvonne Zurich

(vocabulary book)

Anatole Berthe Ce'sar De'sire' Euge`ne E'mile Franc,ois
Gaston Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar
Pierre Que'bec Robert Suzanne The're`se Ursule Victor
William Xavier Yvonne Zoe'

***** GERMAN *****

Contributor: mrosa@eso.org (Michael Rosa)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Karl Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe Ypsilon
Zeppelin

Umlaut: A"rger O"dipus U"bel

More recent replacements: Konrad Zacharias

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anton bertha c"asar dora emil friederich gustav heinrich ida
julius kaufmann ludwig martha nordpol otto paula quelle
richard samuel theodor ulrich viktor wilhelm xanthippe
ypsilon zacharias

"a "arger
ch charlotte
"o "okonom
sch schule
"u "ubermut

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Bertha Caesar Daniel Emil Friedrich Gustav Heinrich Ida
Jakob Kaiser Leopold Marie Niklaus Otto Peter Quelle Rosa
Sophie Theodor Ulrich Viktor Wilhelm Xaver Yverdon Zuerich

Contributor: Christof A Neumann <neumann@informatik.tu-muenchen.de>

(issued by Deutsche Bundespost)

Anton Bertha Caesar Dora Emil Friedrich Gustav Heinrich Ida
Jakob Konrad Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xantippe Ypsilon
Zeppelin

sch Schule

Contributor: Steve Dunham <dunham@gdl.msu.edu>

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Johann Kaufmann Ludwig Martha Nordpol Otto Paula quer
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zeppelin

ss Eszett

(vocabulary book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martin Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanten
Ypsilon Zeppelin

A"rger O"konom U"bel

Contributor: Anno Siegel <anno4000@w172zrz.zrz.TU-Berlin.DE>

Arno Borvaselin Coburg-Gotha Doria Ernst Friedrichsroda
Gomorrha Herrenzimmer Ida Jawohl_Odol Kolberg_Ost Leonidas
Motor Nora Oekonom Per_Motorrad Quohnsdorf_bei_Forst
Revolver Sabine Tod Uniform Verbrennungstod Weltnordpol
Xolabaphon York_Yellowstone Zoroaster

oe Oekonomie
ue Ueberkonto

[This alphabet provides mnemonics for Morse code: a syllable
corresponds to a dash if it contains 'o', a dot otherwise.]

***** DUTCH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anna bernhard cornelis dirk eduard ferdinand gerard hendrik
izaak jan karel lodewijk marie nico otto pieter quotient
rudolf simon teunis utrecht victor willem xantippe
ij: ijmuiden ypsilon zaandam

***** FLEMISH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

arthur brussel carolina desire emiel frederik gustaaf
hendrik isidoor jozef kilogram leopold maria napoleon oscar
piano qualite robert sofie telefoon ursula victor waterloo
xavier yvonne zola

***** ITALIAN *****

Contributor: ebuie@sed.csc.com (Elizabeth Buie)
ebuie@starlab.csc.com

Ancona, Bologna, Como, Domodossola, Empoli, Firenze, Genova,
Hacca, Imola, Jolly, Kappa, Livorno, Milano, Napoli,
Otranto, Pisa/Palermo, Quartomiglio, Roma, Savona/Siena,
Torino, Udine, Venezia, Wagner, Xilofono, York, Zara

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Battista Carol Davide Ernesto Federico Giovanni acca
Isidoro i_lungo cappa Luigi Maria Nicola Olga Pietro
Quintino Rodolfo Susanna Teresa Umberto Vittorio vu_doppia
ics ipsilon Zurigo

***** RUMANTSCH *****

[aka Romansh, Roumansh, Rumansh]

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berta Carla Dora Emil Flurin Guido Hugo Ida Judit Kilo
Luisa Maria Nesa Otto Paula Quirin Rita Silvia Toni Ursin
Victor Willi Xaver Yvonne Zita

***** SLOVAK *****

Contributor: Martin Votruba <votruba+@pitt.edu>

(telephone directory)

Adam, Boz~ena, Cyril, C~adca, Da'vid, D~umbier, Emil,
Frantis~ek, Gusta'v, Helena, CHrudim, Ivan, Karol, Ludvi'k,
L~ubochn~a, Ma'ria, Norbert, N~ - Nitra, Oto, Peter, Quido,
Rudolf, Sva"topluk, S~imon, Toma's~, T~ - Tepla', Urban,
Va'clav, W - dvojite' ve', Xaver, Ypsilon, Zuzana, Z~ofia

***** POLISH *****

Contributor: Michal Jankowski <michalj@fuw.edu.pl>

(Warsaw telephone directory)

Adam Barbara Celina Danuta Ewa Franciszek Genowefa Henryk
Irena Jadwiga Karol Leon L/ukasz Maria Natalia Olga Pawel/
Roman Stanisl/aw Tadeusz Urszula Wl/adysl/aw Xantypa Ygrek

Zygmunt

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Adam, Bozena, Celina, Dawid, Ewa, Franek, Grazyna, Henryk,
Irena, Janusz, Kilo, Ludwik, Maria, Natalia, Olga, Pawel/,
Quido, Roman, Stefan, Tomasz, Urban, Violeta, Wanda, Xawer,
Y-grek, Zygmunt

***** HUNGARIAN *****

(telephone directory)

Andra's Be'la Cecil Do'ra Eleme'r Ferenc Gizella Hajnalka
Istva'n Ja'nos Katalin Luca Ma'tya's Na'ndor Olga Piroska
Queen Ro'bert Sarolta Ti'mea Ubul Vilmos Walter Xe'nia
Ypsilon Zolta'n

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Antal, Be'la, Cecil (Ce'za'r), De'nes, Eleme'r, Ferenc,
Ge'za, Hele'n, Ibolya (Imre), Ja'nos, Ka'roly, La'szlo',
Ma'ria, Nelli, Olga, Pe'ter, Kvelle, Ro'bert, Sa'ndor,
Tama's, Ubul, Viktor (Vilmos), dupla-ve' (dupla-Vilmos,
"viszki"), "x-es", "ipszilon" (jenki), Zolta'n.

***** CROATIAN *****

Contributor: Ivan.Drzanic@gbcon.g-box.fido.hr (Ivan Drzanic)

Adria, Biokovo, Cavtat, Dubrovnik, Europa, Frankopan,
Gospic, Hrvatska, Istra, Jadran, Karlovac, Lika, Mostar,
Novska, Osijek, Pula, Q, Rijeka, Split, Trgoir, Ucka,
Vukovar, W, X, Zagreb

***** TURKISH *****

Contributor: Gorkem Cetin <e077245@narwhal.cc.metu.edu.tr>

ankara bursa ceyhan Cankiri denizli edirne fatsa giresun
hopa Isparta izmir jale kayseri luleburgaz manisa nazilli
ordu Odemis pazar rize samsun Sarkoy trabzon urfa Unye van
yalova zonguldak

***** SWEDISH *****

Contributors: simon@dront.nada.kth.se (Simon Tardell)
Jonas Wallgren <jwc@ida.liu.se>
m8509@sparc2.abc.se (Thomas Green)

Adam, Bertil, Cesar, David, Erik, Filip, Gustav, Helge,
Ivar, Johan, Kalle, Ludvig, Martin, Niklas, Olof, Petter,

Quintus, Rudolf, Sigurd, Tore, Urban, Viktor, Wilhelm,
Xerxes, Yngve, Z{ta,]ke, [rlig, \sten

where { is a with dots
] A with ring
[A with dots
\ O with dots

Sometimes used: Fredrik, Olle, Rikard

Stockholm police use Kryss (meaning cross) for X.

***** FINNISH *****

Contributor: Jukka Rahkonen <jrahkone@viikki.helsinki.fi>

Aarne Bertta Celsius Daavid Eemeli Faarao Gideon Heikki
Iivari Jussi Kalle Lauri Matti Niilo Otto Paavo Kuu Risto
Sakari Tyyne Urho Ville Viski [ks{ Yrj| Tseta]ke [iti \ljy

Uppercase Lowercase
] } a with circle (Swedish)
[{ a with dots
\ | o with dots

***** RUSSIAN *****

Contributor: tom@systemtechnik.tu-ilmenau.de (Thomas Planke)

Aleksej Boris Vasilij Grigorij Dmitrij Elena Zhenja Zoya
Ivan Ivan_Kratkij Kilowatt Leonid Maria Nikolai Olga Pavel
Roman Sergej Tatjana Uljana Fjodor Hariton Zaplja Chelovek
Shura Schuka Tviordiy_Znak Igrek Miagkiy_Znak Emilija Yuri
Jakow

Contributor: "Oleg.A.Chernozyomov" <root@aprmk.saratov.su>

(currently used in amateur radio)

Anna Boris Vasiliy Galina Dmitriy Yelena Yozh Zhuk Zinaida
Ivan Ivan_Kratkiy Konstantin Leonid Maria Nikolay Olga Pavel
Roman Sergey Tamara Ul'yana Fyodor Hariton Tsentr Chelovek
Shura Shchyuka Tvyordy_Znak Yery Myagkiy_Znak Ekho Yuliana
Yakov

Variants: Anton Grigoriy Yolka Zhenya Zoya Irina/Igor Yot
Kilowatt Lyubov Mikhail Nadezhda/Nina Oleg Polina Radio
Semyon Tatyana Tsaplya Znak/Iks Igrek Znak/Iks

Used informally: Borya Vasya Grisha Galya Dima Zina Kostya
Kolya Lyonya Lyuba Misha Masha Nadya Pasha Roma Sasha Tanya
Fedya Yulya Yasha

Morse code is as follows:

A B W G D E E V Z I J K L M N O P R S T
U F H C /- - -./- - - -/ Q X Y X /..-../..- -/.-.-

and the same mapping provides a system of phonetics for Roman letters (used in parallel with Alpha Bravo). [The mapping is similar to KOI-7 but not identical]

***** CHINESE *****

The Chinese armed forces use the following in connection with Romanised Mandarin:

Aiya Boli Ciqi Desheng Egu Fuzhuang Geming Heping I: Yifu J.. Keren Leguan Mofan Nali Ouyang Polang Q.. Riguang Sixiang Tebie U: Weida V: Wudao W: Wuzhuang X.. Yisheng Zidian

***** ESPERANTO *****

Contributor: KNAPPEN@VKPMZD.kph.Uni-Mainz.DE

(Yearbook of the Universal Esperanto Association 1959)

Asfalto Barbaro Centimetro \^Cefo Doktoro Elemento Fabriko Gumo \^Girafo Hotelo \^Haoso Insekto Jubileo \^Jurnalo Kilogramo Legendo Ma\^sino Naturo Omnibuso Papero Rekordo Salato \^Silingo Triumfo Universo Universo-hoko Vulkano Zinko

Non esperanto letters:

q = kuo
w = \^germana vo
x = ikso
y = ipsilono

***** END *****

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk

3100. Re: Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 20:38:26 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1003951538260001@m14494-mac.mitre.org>
Source record: 250984
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

>Some folks have told me you only have to copy 25 characters (in a row) correct
>and you pass. Others have told me there is a 10 question quiz after the code
>is sent.

Both are correct. The test consists of a more or less ordinary QSO
transmission from one station to another. It goes on for about 5 minutes.
You are then given a 10 question fill-in-the-blank test on the content of
the transmission; callsigns, names, locations, type of equipement, etc.
You must answer with spellings as sent in the test. You must get 7 of the
10 questions correct to pass. If you do not pass this 10 question test,
you can also pass if there is anywhere in your copy one minute of perfect
copy; in the case of the 5wpm test, that is 25 consecutive correct
characters. Spaces do not count, but punctuation, numbers, and prosigns
count as 2 characters each. Most VEs allow you to correct your copy before
it is checked; that is, you can go through it, clean it up, and correct
any obvious mistakes. Yes, you should try the 13 wpm test, if for no other
reason to get "warmed up" for the 5wpm test. Best of luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3101. BBS station in South America

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 20:48:16 UTC
From: alata@ganges.ee.utexas.edu
Message-ID: <3jqdug$6jl@geraldo.cc.utexas.edu>
Source record: 250982

Hi there. This is Arata KK5IP.

I'm postiog this for my friend senor Toyoda JA1HTR.

He is a good Dxer and fluent Spanish speaker.
He usually works CW and SSB on HF bands. And he also
works on VHF & UHF packet.

He wants to know BBS stations on some major cities
in South America. Because he wants to exchange
packet massages in Spanish.

If you know some BBS stations in South America,
please send him a packet message or e-mail me.

Thank you.

JA1HTR : JA1HTR @ JL1ZIL.10.JNET1.JPN.AS

KK5IP : alata@ganges.ece.utexas.edu

Arata Miyauchi in Round Rock, Texas, USA

3102. C connectors?? (Was: Re: PL-259 vs. N-style connectors?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 21:43:27 UTC
From: gc@universe.digex.net
Message-ID: <3jqh5v$o6f@universe.digex.net>
Source record: 250986

In article <1995Mar10.160433.2270@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <3jnovs$q60@news.doit.wisc.edu> lumkes@cae.wisc.edu (John Lumkes) writes:
>
>For very high power use, more than amateurs are allowed, the C or the
>EIA connector will be used. The C connector looks like a N connector
>on steroids, and the EIA connector uses a bolted flange. It comes
>in several sizes.

Is this right (about C connectors)? I always thought that "C" connectors
were the bayonet variation of "N" connectors. A quick look at
the Newark catalog seems to confirm this.

Gary

3103. ARLP012 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 21:50:35 UTC
From: w1aw@arrl.org
Message-ID: <$arlp012.1995@ampr.org>
Source record: 250985
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP012
ARLP012 Propagation de KT7H

ZCZC AP80
QST de W1AW
Propagation Forecast Bulletin 12 ARLP012
From Tad Cook, KT7H
Seattle, WA March 10, 1995
To all radio amateurs

SB PROP ARL ARLP012
ARLP012 Propagation de KT7H

Average solar flux was about the same last week as the week
previous, although the short term trend has been downward.
Geomagnetic activity was up and down, with days of active levels
followed by a day or two of quiet before more activity.

Solar flux should rise to around 95 after the middle of the month,
followed by a dip again to the low eighties by March 24. Recurring
coronal holes should cause some upset for the next few days, and
again around March 27 to 29.

Sunspot Numbers for March 2 through 8 were 71, 68, 80, 85, 55, 50
and 38, with a mean of 63.9. 10.7 cm flux was 90.3, 91, 89.1, 84.2,
83.5, 84 and 80.8, with a mean of 86.1.

This week's path projections are from Thailand to Hawaii,
Minneapolis and Boston.

To Hawaii, 80 meters should be good from 1100 to 1700z, and 40
meters from 1030 to 1800. 30 meters should be open from 1000 to
1830, and 20 meters from 0700 to 1400 and again around 1730 to 1930.
Check 17 meters around 1800 to 1830 and 2300 to 0800. 15 meters
should be good from 2330 to 0700, 12 meters from 0000 to 0600 and 10
meters from 0030 to 0530.

To Minneapolis, 40 meters should be open from 1130 to 1300z, and 30
meters from 1300 to 1500. 20 meters should be open from 1530 to
2000, and 17 meters around 1800.

To Boston, check 40 meters around 2230 to 2330z, and 30 meters from
2100 to 0000. Try 20 meters from 1300 to 2030.
NNNN
/EX

3104. GROL question pools on-line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 22:06:30 UTC
From: nuke@netcom.com
Message-ID: <nukeD58w2u.Ez5@netcom.com>
Source record: 250988

Although this is not a ham-related question per se,I hope someone here can help me out.

I'm looking for the question pools for the GROL on-line, if they exist. In particular I most need the element 8 pool (radar) but if I could find them all I would be most happy. Maybe even happy enough to format them for use with some quiz-giving software...

Although I will try to keep an eye to this group, please e-mail if you have the scoop on these. If others express interest, I will post whatever I find out. Thanks!

--
Bill Newcomb "Now, I'm not trying to be flippant here, or irreverent,
nuke@netcom.com or exploitive, or sarcastic, or ironic, or post-modern,
and this is not a parody. Get it? Got it? Good."
-Ann Magnuson

3105. Re: What is COVER?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 22:16:39 UTC
From: n7fzy@netcom.com
Message-ID: <n7fzyD58wJr.A4A@netcom.com>
Source record: 250989

(patron) (Unknown) wrote:
: I read in OMNI a one page article on amateur radio. It talked about the
: use of the PC in digital communication. RTTY, AMTOR, and PACKET were
: mentioned along with CLOVER. I have never herd of CLOVER, would
: someone please tell me more about CLOVER? Ken--73's

Clover is a proprietary system made by HAL. It is a complex system that was designed from the start to be used on HF. It uses all sorts of tricks to overcome HF fading, multipath and high noise levels. Details of how it works are too complex to go into here. There have been several articles in the ham magazines on the subject.

The Civil Air Patrol started building a nationwide Clover Network a little over a year ago. I'm the Sysop of one of the West Coast Clover stations. I have to tell you that Clover is slick! It gets through at times when nothing else except maybe CW would.

Dave Whitlock
N7FZY@N7FZY.#NORCA.CA.USA
PAC044@NHQ181.CAWG.PAC.CAP.GOV
n7fzy@netcom.com

3106. Re: On-Line Callbook with search engine???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 23:02:53 UTC
From: pineapp@netcom.com
Message-ID: <pineappD58yot.2z8@netcom.com>
Source record: 250998

Check http://www.qrz.com. It also points to other Ham related Web sites.

Ron Klein (ronklein@ix.netcom.com) wrote:
: A few weeks ago, I stumbled across (on the WWW) a marvelous search
: engine for callbook queries. It allows search by location, name, etc.

: Well, good(??) ole NetCruiser crashed, and I lost that URL address in
: the process. I have not been able to locate it again.

: Could someone point me to the place on the web where such searches of
: the callbook are possible? I want to be able to search on more than just
: calls.

: Thanks.

: 73,
: --
: Ron Klein - W0OSK
: -----------------
: ronklein@ix.netcom.com

--
.---+--------------------------.
INTERNET: pineapp@netcom.com (DC436)	Daniel Curry
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	WB6STW
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA	DoD # 1450
'---+--------------------------'

3107. IPS Daily Report - 10 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 23:17:17 UTC
From: rwc@ips.oz.au
Message-ID: <3jqmlt$da8@corona.syd.ips.oz.au>
Source record: 251000
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 10/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 10 MARCH AND FORECAST FOR 11 MARCH - 13 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 79/19

GOES satellite data for 09 Mar
Daily Proton Fluence >1 MeV: 5.0E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.2E+07 (normal)
X-ray background: A7.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
11 Mar 12 Mar 13 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 11 Mar: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 09 Mar
Learmonth 12 4232 3322
Fredericksburg 14 14
Planetary 16 12

Observed Kp for 09 Mar: 1332 2244
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
11 Mar 18 Unsettled to active
12 Mar 18 Unsettled to active
13 Mar 15 Unsettled
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Observed activity sofar has been
less intence than expected.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
10 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
11 Mar normal fair poor
12 Mar normal fair poor
13 Mar normal normal fair
Degraded HF comms are expected mainly for high latitude circuits.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
10 Mar 47 15% enhanced, Townsvile was near predicted monthly
values to 15% above, Hobart was depressed 15% then near predicted
with spread F during local night.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
11 Mar 30 15% enhanced during local day then near predicted
monthly values to 15% enhanced at night.
12 Mar 30 About 10% above predicted monthly values
13 Mar 30 About 10% above predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. HF conditions are expected to be
degraded for high latitude circuits.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3108. WANTED- military

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 23:17:22 UTC
From: James Beckett <beckett2@delphi.com>
Message-ID: <ZkzZu6K.beckett2@delphi.com>
Source record: 251001

WANTED: Parts of military AN/TRQ-23 direction finder 1979 vintage
made by Servo Corp of America.
Antenna Control 7040C (C-6183/GR)
Antenna Drive 7040-PPD (TG-177/GR)
Azimuth Indicator 7040-AZI (IP-740/GR)
Antenna (loop) AS-2363 (7040-LB)
Antenna (loop) AS-2364 (7040-LC)
Antenna (loop) AS-2365 (7040-LD)
Antenna (loop) AS-2366 (7040-LE)
Receiver R-901/GR, R-902/GR
cables CX-11952/U
CG-409G/U
CX-11952/U
CX-11950/U
CX-11951/U

In simpler words I have the basic loop and want the rest!
Jim KD2KU 607-962-3592
BECKETT2@delphi.com

3109. Re: C connectors?? (Was: Re: PL-259 vs. N-style connectors?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-10 23:20:07 UTC
From: depolo@red.seas.upenn.edu
Message-ID: <3jqmr7$dqf@netnews.upenn.edu>
Source record: 250997

In article <3jqh5v$o6f@universe.digex.net>,
Gary Chatters <gc@universe.digex.net> wrote:
>In article <1995Mar10.160433.2270@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>In article <3jnovs$q60@news.doit.wisc.edu> lumkes@cae.wisc.edu (John Lumkes) writes:
>>
>>For very high power use, more than amateurs are allowed, the C or the
>>EIA connector will be used. The C connector looks like a N connector
>>on steroids, and the EIA connector uses a bolted flange. It comes
>>in several sizes.
>
>Is this right (about C connectors)? I always thought that "C" connectors
>were the bayonet variation of "N" connectors. A quick look at
>the Newark catalog seems to confirm this.
>
>Gary

Something doesn't look quite right in the attribution lines above. Anyway,
the C connector has the same surface area as an N, so I don't see
why it would have higher power rating. There is an HN, which is a modified
N connector made to handle higher voltages. EIA flanges are often used
in broadcast applications and on larger cables for their high power handling
as well as ease of pressurization across cable junctions for air lines.

I'll check my Kings and Amphenol catalogs and get back to you regarding
maximum voltage specifications between N, C, and HN.

--- Jeff
--
-=-=-=

3110. Re: Need SSTV/FAX decoding device...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 00:43:15 UTC
From: greg@core.rose.hp.com
Message-ID: <D593C3.Kts@icon.rose.hp.com>
Source record: 251006

Arnold Pichler (hubu@sbox.tu-graz.ac.at) wrote:
: Hi out there ....
:
: I visited an OM last Friday and saw a little device which he used for
: decoding SSTV / FAX. The device only consisted of some components and
: was used between the mic/phone and the RS232 port of the computer.
: Onfortunately I forgot to ask for a description of this device, now I
: wonder if there is someone else out there using such a small device,
: who can send me a description. By the way, I heard of some Software

Get a copy of JVFAX70.ZIP. In the user manual is the above circuit, and
the software to use it. Works great, although I had to power it from a
pair of 9v batteries instead of using the serial port's modem control lines.
For some reason, I didn't have enough voltage across the opamp for it to
run properly.

Now, if only they included the circuit to connect to the PC's speaker so
I could *send* SSTV as well...

Greg KD6KGW

3111. DRUDGE REPORT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 00:45:23 UTC
From: drudge@lainet.com
Message-ID: <3jr6b3$2t5@lainet2.lainet.com>
Source record: 251008

For a free copy of the 'Drudge Report' send a request via e-mail to drudge@lainet.com.

The Report covers the Entertainment industry, Poli-Video shows (political talk shows,) Talk Radio,
and a cross section of things that the editor Matt Drudge is focusing in on. This weekly report arrives
on Monday and is complimented with NEWS BREAKS as they occur. Already read by key players, this
tip sheet will be sure to peak your interest.

3112. Re: FET REPLACEMENT,B3016AMP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 00:57:36 UTC
From: greg@core.rose.hp.com
Message-ID: <D59400.KyC@icon.rose.hp.com>
Source record: 250999

BGA2%RdgrFlt%NAH@bangate.pge.COM wrote:
: I NEED TO FIND A REPLACEMENT FET FOR THE MIRAGE B3016 2 MTR AMP,THE
: FACTORY WAS NOT HELPFULL AT ALL--"NO LONGER AVAIABLE"DID HAVE ANY SUGGESTIONS
: ON WHERE TO LOOK.THERE PART # IS U309,ALSO J310.I THANK YOU FOR ANY HELP YOOU
: MITE BE ABLE TO GIVE ME.ALEX KR6G
: REPLY TO BGA2@PGE@COM
:

I had the same problem, and asked a fellow ham here at work for a substitute part. Attached is his reply. BTW, the part I ended up with did work, but even after adjusting the input and output trim capactiors I found that the added gain of the preamp was nearly offset by the increase in the noise floor. Turning up the *audio* gain of my rig was almost as good as turning on the preamp! If you have a choice of devices, look for one with a low noise figure. The one I ended up with had 4db listed on the package, even though it seems it should be 2db.

Good luck,

Greg KD6KGW

Hello Greg,

I hope that you are fine. Thanks for your message regarding the MOTOROLA transistor. "U309". Here is what I have found:

1. Motorola no longer makes that transistor in a TO package, it is now called a S310 or S311 and it is a surface mount device. Their reason for the change "Not enough volume".

2. There is some good news, RCA onder the brand SK makes that same transistor in a TO-72. P/N SK9072/452 JUNCTION N-CHANNEL J FET, VHF/UHF. I would like you to look at the transistor real close (underside) it should have four leads rather than three. The lead closest to the tab counterclockwise is the DRAIN next is GATE 2, GATE 1, CASE SOURCE AND SUBSTRATE. The NOISE FIGURE IS 2dB @ 100MHz on this device.

3113. Replacement for LM170/270/370 Vox/Amp IC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 01:44:26 UTC
From: allent@mnsinc.com
Message-ID: <3jqvn4$eu7@news1.mnsinc.com>
Source record: 251003

My apologies if this is the wrong place to post, but some years back
National discontinued production of a versatile audio amp/vox IC, the
LM170, which is used in headsets, etc.

Would any resident gurus know of a(n) (improved) replacement?

Dave Allen
WA2BSL
allent@mnsinc.com

3114. QST magazine address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 02:47:26 UTC
From: billnoe@delphi.com
Message-ID: <ZQ8Y+0O.billnoe@delphi.com>
Source record: 251007

Anyone know how I may get in touch
with Qst ,agazine?
Thanks, Bill

3115. Re: Need help repairing Ramsey FX-146 2-meter transceiver

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 04:35:43 UTC
From: cmoore@sedona.intel.com
Message-ID: <3jr9av$p2p@chnews.intel.com>
Source record: 251011
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <3jpqus$qga@tekadm1.cse.tek.com>,
Michael Alan Gauland <gaulandm@mdhost.cse.tek.com> wrote:
>I'm having problems with my Ramsey FX-146 2-meter transceiver, and would like
>advice from someone more experienced. It seems to work OK on receive,
>but it will only transmit for a few seconds before the power drops to zero.
>It looks like the PLL is unlocking. The signal at the output of the

Hi Michael, forget the directions in the manual. Adjust the frequency
to mid-scale pot while transmitting at mid-frequency (146?). The voltage
drop while transmitting is enough to upset the PLL so simply adjust the PLL
while transmitting into a dummy load. Note the unlock points and set it for
half-way in-between. IMO, the receive PLL will lock OK after that step. If
it doesn't, find a mid-way point between receive lock and transmit lock.

The Ramsey kits are fully functional once they are adjusted properly and
modified in accordance with the QST article. I have built half a dozen
of them and learned a lot doing it. If you want full frequency coverage,
email tlcdhconsult@delphi.com for details. Don, KE6AJH, will serve me
a double-scotch for every kit you buy. :-)
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

3116. Re: Which Band for QRP/Pacific

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 04:53:30 UTC
From: dbchris@eskimo.com
Message-ID: <D59Ex6.943@eskimo.com>
Source record: 251013

In article <D536Io.4EwE@hawnews.watson.ibm.com>, sehneg@austin.ibm.com says...
>
>
>I'll be travelling to Hawaii shortly & want to bring along a
>QRP rig. I'm waffling between my 1W 30-40 rig (30m) and my
>MFJ 9020 (20m) 5W. Which would give me more fun in working
>Pacific stations & possibly mainland contacts? Anyone been
>in a similar predicament? Thanks!
You don't mention your antenna situation, but if you'll have
enough room I'd go with the 1W 30-40 setup. The thrill of
working stations on 1W is hard to beat, and 30 meters is
really a good band to go QRP.
My suggestion is to go 30-40 CW and work the grey line;
you'll do great!
Don Christine NY9S

3117. Re: Need windows 3.1 for 286 on pactor, help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 04:53:56 UTC
From: nrhblack <nrhblack@datatamers.com>
Message-ID: <3jrad4$946@news.datatamers.com>
Source record: 251014

cmoore@sedona.intel.com wrote:
> Jonathan Haynes <equinox@halcyon.com> wrote:
>. . . . to
> the best of my knowledge, Windows 3.1 won't even run on a 286. Windows
> 3.1,
> 73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
> (Not speaking for Intel)
>
FYI Cecil, Windows 3.1 will run on a 80286, 2MBytes of RAM is required.
Use WIN/S to start in standard (not 386enhanced) mode.
With 1MByte of RAM (or less) it is necessary to go back to Windows 3.0
and run in real mode.
I will give the original poster the benefit of the doubt and assume he
was asking for some king soul to transfer software with license
legally too him.

Cecil, you may be 40+ years a ham, (and not speaking for Intel),
but your brusqueness speaks for itself.
73s OT Henry, KK6JR & G4NOC.

3118. Re: Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 04:57:19 UTC
From: ke6beral@aol.com
Message-ID: <3jrajf$rtt@newsbf02.news.aol.com>
Source record: 251012

In an article dated 9 mar 1995, Eddie Tuggle asks:
>Well, the whole point of this post is to ask some of you that have
already
>gone though the cw tests what the format is like. Some folks have told
>me
>you only have to copy 25 characters (in a row) correct and you pass.
>Others
>have told me there is a 10 question quiz after the code is sent. Even
>others
>have told me for the 5WPM there is no numbers, just text.?.?.? What's
the
>poop? Some folks have told me for the 13WPM test, all I need to do is to

>use the "is" method. That is listen for the .. ... (is) and the
information
>after that word is all I need to pass the exam. I doubt if that is true.
>Tnx for any help..

I have taken both my 5 and 13wpm tests. This is the story. You sit down, and the code is sent to you at whatever speed you are testing at for 5 minutes. Then, you take your copy sheet, and you are given a multiple choice test of 10 questions, asking stuff like the sending stations callsign, name of operator, QTH, weather, rig, etc. If you DO NOT pass the multiple choice exam, THEN the VE will check to see if you had 1 minute of perfect copy, which would be 5 words, an since a word is considered to be 5 characters, that is 25 characters in a row perfect copy for the 5wpm test. The same is true on the 13 and 20wpm tests. As for numbers, there are always numbers, and they always count as 2 characters, along with punctuation, an prosigns. Good luck, the hardest part is behind you!

73 de KE6BER
Al

3119. Hello all

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 05:01:09 UTC
From: colorado@onion.com
Message-ID: <11925OMLLJSOGINOMMB@onion.com>
Source record: 251016

Hey there all Im your host to this LOVELY forum here on amateur radio
and shortwave if U have any questions ask away, and I will answer to the
best of my knowledge, and if I dont know an answer I will do my best to
get one from my many resources available to me !!!!!! Plus once in
awhile I will list all the Ham fests/pc fests that will be comeing in
the area near U, hope to hearfrom u all, or should I say type....
73's
Dennis

--
= = = =

3120. Which ARRL DX buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 05:12:12 UTC
From: dbchris@eskimo.com
Message-ID: <D59FsD.AH2@eskimo.com>
Source record: 251015

I have moved to the Pacific Northwest, but still retain
my callsign from the Midwest, NY9S. I presume that I
still put envelopes on file with the 9th call district
ARRL DX QSL bureau. Is this right?

3121. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 07:46:19 UTC
From: shamrock@buffnet.net
Message-ID: <3jrkgb$11s@buffnet2.buffnet.net>
Source record: 251020

Ed Ellers (edellers@delphi.com) wrote:
: <jeffrey@math.hawaii.edu> writes:
:
: >Anyone care to guess what percentage of the U.S. is *not* covered
: >by at least one amateur rptr?
:
: What's significant is the chance of actually being able to obtain help on
: the amateur band. Kerchunks don't save lives.

After reading 15 long posts on this subject the word "KISS" comes to mind....
lets keep it simple......weather an licensed amature or not...if you have
any means of communication available and you don't use it to SAVE A
LIFE.. will that $300-600 radio be worth the nights you won't be able to
live with yourself......The key is Life threatening Emergency...and I'm
sure if you explained that you tried all authorized means first...you
won't loose anything...and as much as I love this hobby...LIFE comes
before License or equiptment...........

This is my opinion and belief.....however right or wrong it may be.

Shamrock

3122. Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 08:25:42 UTC
From: zilch0@primenet.com
Message-ID: <3jrmq6$hok@news.primenet.com>
Source record: 251017

I have an Eveready spec sheet for their 1.5V AA Lithiums (L91 is their product code for these.)

Before getting to the useful stuff, let's look at cold-weather performance of Lithiums:

For a particular flashlight, with a constant load presented by the bulb, the following table shows the number of minutes their Lithium AA's lasted at 21 degrees and -20 degrees Centigrade vs. their Alkaline AA's at the same temperatures:

Alkaline at 21 degrees C: 107 minutes
Alkaline at -20 degrees C: 36 minutes
Lithium at 21 degrees C: 210 minutes
Lithium at -20 degrees C: 192 minutes

Putting aside for the moment the fact that, for the current draw this particular load had, the Lithiums lasted longer than the Alkalines, the more striking, but perhaps less obvious observation is the following:

The alkalines' duration at -20 degrees fell to 33.64% of what they can deliver at 21 degrees (36/107)! The lithiums suffered far less, falling to 91.43% (192/210) of the 21 degrees duration at -20 degrees !!!

Going back to the more obvious difference between the alkalines and the lithiums in this test --> the lithiums lasted longer than the alkalines:

This is not necessarilly true all the time. Other charts in this spec sheet reveal that lithiums far outpace alkalines when the current draw is strong, say 1500 milliamps (that's a lot more than any camera draws, even for film advance motors). But the charts also show that when the current draw is low, say 30 milliamps, the alkalines offer just as much capacity as the lithiums!

Here's another table that illuminates this:

Operating times in hours for various loads, Alkaline AA vs. Lithium AA:

Load Alkaline AA Lithium AA Typical Device
(milliamps) (hours) (hours)

1500.0 mA 0.2 1.4 Handheld Transceiver
1000.0 mA 0.4 2.0 Powered WalkMan Speakers
300.0 mA 4.5 8.2 Flashlight
30.0 mA 72.0 83.0 TV Remote Control
0.3 mA 8700.0 8700.0 Camcorder's Memory

So, check it out -- outside of factors like cold weather use, long shelf life, and of course, a manufacturer's specification to use a lithium for a particular product, there is NO reason to buy a lithium instead of an alkaline unless you have heavy current draining applications. THEN IT'S THE BEST REASON OF ALL! With the heaviest current drains, like HT's on transmit, a lithium that costs roughly twice as much lasts seven times as long! But even at current drains as high as 300 mA (a flashlight?) the increase in duration offered by the lithium is equal to the increase in price -- a factor of 2. It doesn't pay to select lithiums over alkalines unless the drain is greater than 300 mA. Use your alkalines on your HT for recieving, lithiums when you expect to be on the PTT a lot.

Best price I've seen for the Eveready AA lithiums: Home Depot.

I don't work for either company, just sharing my research.

/----------------------\
Michael K. Davis, AB6SL
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3123. Re: callsign servers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 08:46:11 UTC
From: zilch0@primenet.com
Message-ID: <3jro0j$hok@news.primenet.com>
Source record: 251018

Try this WWW site in Italy:

http://promet12.cineca.it/htlzh/qsl.html

73, AB6SL

/----------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3124. Any CB mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 09:20:11 UTC
From: dbecker@tiger.lsu.edu
Message-ID: <3jrq0b$1le7@tiger1.ocs.lsu.edu>
Source record: 251022

Looking for CB mods for informational purposes only.
Dan

3125. Re: More Ham-Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 09:56:50 UTC
From: earlix@ix.netcom.com
Message-ID: <3jrs52$dpu@ixnews3.ix.netcom.com>
Source record: 251023
Body handling: HTML body converted to readable text

In wcoyle@delphi.com writes:

>
>The other big problem is that the media in general couldn't be
>bothered with a GOOD story about Amateur radio, like the
>earthquakes, floods, ect. since this doesn't boil anyones
>blood. But when you tell people that if you live next to one
>of these people (hams) that your toster's gonna sound of CQ all
>hours of the night, they get riled up, and they want more.
>
>Sorry about the typos, I'm a little tired, not illiterate.
>
>Tnx & 73
>Bill
>N3OGH
>

Check out the world wide web home page for the Naval Postgraduate ARC.
We've gotten some great press and placed it in our page. Check it out.

http://www.sp.nps.navy.mil//npsarc/k6ly.html

3126. Re: Programmer Wanted (Chicag

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 11:13:36 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar11.111336.6398@ke4zv.atl.ga.us>
Source record: 251024

In article <7786245792502@commspec.com> richwood@commspec.com writes:
>
>IB>I consider it an honor that they looked here instead of just ignoring
>us all
>IB>together. Maybe its just a perk of the hobby that we have the reputation of
>IB>being that source of technical expertise and considered by potential employe
>
>Brian,
> I wish it were so. I've been in the broadcast industry for a lot of
>years and have never heard anyone suggest that we look among the ranks
>of Hams for talent. In fact, we're perceived as being behind the times
>in our technical expertise. Rarely does a radio or TV station have any
>need for CW.
>
> While hams debate the awesome purification power of code, the rest
>of the world advances to digital, microwave and fiber.

Rich, some amateurs also are advancing into those things. In the 30+
years I've been involved in broadcasting, we've looked favorably on
an amateur license as one indication that potential employees have an
affinity for things technical. We don't want people who just want to
put in their 8 hours and then walk away. We want people who are in
love with the technology, who breathe, eat, and sleep the technology.
They are the most likely to stay current in the field, and the most
likely to throw a lot of energy into their work for us.

It's not always a good indicator, indeed some amateurs are just
modems, but by and large we've found an amateur license a useful
gauge of the degree of commitment to technology that we desire.
To an extent, we look at computer hobbyists the same way. Anyone
with a technical hobby is more likely to be committed to excelling
in a technical field than someone with no non-job related interest
in technical things.

OTOH, we've found that amateurs in general tend to have more than
their share of asocial personalities. They often are intolerant
of other sectors of our business, and often don't work well with
the public. Fortunately, our engineers are kept in the back room
and fed raw meat occasionally, so those personality problems rarely
matter.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary

534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3127. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 11:54:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar11.115400.6649@ke4zv.atl.ga.us>
Source record: 250929

In article <3jrkgb$11s@buffnet2.buffnet.net> shamrock@buffnet.net (Shamrock) writes:
>After reading 15 long posts on this subject the word "KISS" comes to mind....
>lets keep it simple......weather an licensed amature or not...if you have
>any means of communication available and you don't use it to SAVE A
>LIFE.. will that $300-600 radio be worth the nights you won't be able to
>live with yourself......The key is Life threatening Emergency...and I'm
>sure if you explained that you tried all authorized means first...you
>won't loose anything...and as much as I love this hobby...LIFE comes
>before License or equiptment...........

Sadly, morality and legality often do not coincide. The medical doctrine
of "at minimum, do no harm" can apply here. If making a call on a police
frequency causes a "officer down" or "officer needs assistance" call to
be missed, then you may be doing grave harm. If you take care to avoid
that, and I'm not sure how you can completely, then the legal doctrine
of "lesser harm" can apply. Given a choice of two actions, both with the
potential to cause harm, the law expects us to take the course likely
to cause the lesser harm. That's a judgement call, and may lead to you
appearing before a judge.

Popping up on a police frequency is a balancing act to be sure. A
more clear case would be popping up on an aeronautical frequency.
Interfering with communications there could cost hundreds of lives.
Is that a good trade for the one life you might potentially save
with your radio call? I hope most of us are moral enough to say
no. But both police and aeronautical services are "safety critical"
services. There is the potential to cause grave harm by transmitting
on either one. We should be very sure we are creating a lesser harm
situation before transmitting on the frequencies of other services.

OTOH, I'd have a lesser compunction about transmitting a distress
call on the local garbage truck dispatch frequency. It's unlikely
that an unauthorized call there would cause a greater harm. If you
must transmit out of band, trying local utility frequencies first
would be good doctrine.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3128. Re: Which ARRL DX buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 12:23:31 UTC
From: wday@dfw.net
Message-ID: <wday-1103950623310001@fw12.dfw.net>
Source record: 251026

In article <D59FsD.AH2@eskimo.com>, dbchris@eskimo.com (Don Christine) wrote:

> I have moved to the Pacific Northwest, but still retain
> my callsign from the Midwest, NY9S. I presume that I
> still put envelopes on file with the 9th call district
> ARRL DX QSL bureau. Is this right?

It depends! If you religiously sign as NY9S/7, you'll probably get most,
if not all, of your cards via the 7-land bureau. That's what I found when
operating portable-zero in ND for a year.

On the other hand, it's cheap insurance to make sure you've got envelopes
at BOTH bureaus.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

3129. Re: GROL question pools on-line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 12:27:31 UTC
From: drt@world.std.com
Message-ID: <D59zxw.IIv@world.std.com>
Source record: 251025

Mr. Bozo Bus Driver (nuke@netcom.com) wrote:
: I'm looking for the question pools for the GROL on-line, if they
: exist. In particular I most need the element 8 pool (radar) but if I
: could find them all I would be most happy. Maybe even happy enough to
: format them for use with some quiz-giving software...

: Although I will try to keep an eye to this group, please e-mail if you
: have the scoop on these. If others express interest, I will post
: whatever I find out. Thanks!

Side note: W5YI is reporting that question pools for all commercial
license elements will be updated (most of them need it) effective July
1995. You may want to wait until then to create any software. You
still may want to take the GROL before then, since they'll probably
replace most of the questions they lifted from the Advanced and Extra
written exams with more relevant and perhaps more difficult questions.
(Sorry, I don't know of anything on-line.)

-drt

|David R. Tucker KG2S drt@world.std.com|

3130. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 12:41:57 UTC
From: winter@mouse.lostnet.org
Message-ID: <3js5ql$nh@mouse.lostnet.org>
Source record: 251027

William A. Kirsanoff (William_A._Kirsanoff@ccmail.anatcp.rockwell.COM) wrote:
: David A. Webb <mudaw@uxa.ecn.bgu.edu> wrote:

: [stuff deleted]
: Huh? That's not what I read.

: >[47 C.F.R. $97.403] reads "No provisions of these rules prevents
: >the use by an amateur station of any means of radiocommunications
: >at its disposal to provide essential communication needs in
: >connection with immediate safety of human life and immediate
: >protection of property when normal communication systems are not
: >available."

: ". . . any means of radiocommunications at its disposal . . ." Seems
: rather inclusive, doesn't it. If it is a means of radiocommunications, and
: I can get to it, I can use it in the case of a life threatening emergency
: when normal communication systems are not available.

No, it mean that it is not in violation of _FCC_LAW_ to transmit out
of band in an emergency. It says nothing about other laws. If you made the
call in say one of the business bands I doubt anything would happed, not
against FCC rules and no one else would care. But, if you made the call on
say your local or state police freq there is nothing to prevent them NOT the
FCC from from charging you.

--

---
winter@thor.lostnet.org - WL7CLA - Christopher E. Brown

Please reply in this newsgroup, lostnet email gatemail is currently down.

3131. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 12:49:53 UTC
From: winter@mouse.lostnet.org
Message-ID: <3js69h$nl@mouse.lostnet.org>
Source record: 250928

David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:
: n speaking with Mr. Monte Dupont of the Wireless
: Telecommunications Bureau of the FCC, I discovered that in his
: opinion, which I assume is that of the whole Bureau, 97.403 means
: any licensed ham can use any frequency, in any radio service, at
: his disposal in an emergency. Mr Dupont saw my point about the
: technical definitions of 'amateur station' and 'amateur service',
: but he said that I was going overboard. Fine, I can accept that.
: I hoped it was legal to use police frequencies in an emergency.
:
: 73's
: Dave
: N9HUR
: mudaw@ecom.ecn.bgu.edu

This applies to FCC law, what about local/state law. At least the
way I read it the FCC waives any penality for breaking there rules in an
emergency. Thing being do they have any say over say the state police
charging you with 'disrupting police activities' or some such?

--

---
winter@thor.lostnet.org - WL7CLA - Christopher E. Brown

Please reply in this newsgroup, lostnet email gatemail is currently down.

3132. Re: The media and ham radi

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 12:53:10 UTC
From: Avery N3tou <Avery.N3tou@f418.n109.z1.fidonet.org>
Message-ID: <1797703251@f418.n109.z1.ftn>
Source record: 250943

Thanks for the information Bill. I don't think that the Ham
radio community does a good enough job at public relations.
There are so many opportunities that are not taken advantage of.
I really don't know why. I've even offered to help at my local
radio club with public relations but I think the members feel funny
about it. I don't quite understand. It seems the only press that
ham radio receives is when a town has an antenna dispute with a
resident. Have a good day.
73
Avery N3TOU

3133. Re: Need SSTV/FAX decoding device...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 14:02:40 UTC
From: Bob.Horvath@Microserve.com
Message-ID: <95031150560@microserve.com>
Source record: 250937

>Newsgroups: rec.radio.amateur.misc
>Path: nuclear.microserve.net!news.sprintlink.net!howland.reston.ans.net!vixen.c
>so.uiuc.edu!sdd.hp.com!apollo.hp.com!lf.hp.com!hpscit.sc.hp.com!icon!greg
>From: greg@core.rose.hp.com (Greg Dolkas)
>Subject: Re: Need SSTV/FAX decoding device...
>Sender: news@icon.rose.hp.com (News Administrator)
>Message-ID: <D593C3.Kts@icon.rose.hp.com>
>Date: Sat, 11 Mar 1995 00:43:15 GMT
>References: <3jelhd$jnh@freelove.tu-graz.ac.at>
>Organization: HP - Information Networks Division
>X-Newsreader: TIN [version 1.1.8 PL6]
>Lines: 20
>
>Arnold Pichler (hubu@sbox.tu-graz.ac.at) wrote:
>: Hi out there ....
>:
>: I visited an OM last Friday and saw a little device which he used for
>: decoding SSTV / FAX. The device only consisted of some components and
>: was used between the mic/phone and the RS232 port of the computer.
>: Onfortunately I forgot to ask for a description of this device, now I
>: wonder if there is someone else out there using such a small device,
>: who can send me a description. By the way, I heard of some Software
>
>Get a copy of JVFAX70.ZIP. In the user manual is the above circuit, and
>the software to use it. Works great, although I had to power it from a
>pair of 9v batteries instead of using the serial port's modem control lines.
>For some reason, I didn't have enough voltage across the opamp for it to
>run properly.
>
>Now, if only they included the circuit to connect to the PC's speaker so
>I could *send* SSTV as well...
>
>Greg KD6KGW

Arnold,
Beside the JVFAX pgm, there is a pgm called HAMCOM on bbs's that include a
diagram of the interface.....it also has a transmit circuit. It's very simple
to make and works well with the JVFAX pgm.
Any questions, reach me at bob.horvath@microserve.com

3134. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 14:30:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7885.545@acenet.com>
Source record: 250932

```
Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

MI>Organization: ucsd usenet gateway

MI>help

Help? How can we help you?

Hey everyone look! Its G4KFK

"Gee, Four Kentucky Fried Kites!"
```

73 de G3XLQ / AF4K

 SLMR 2.1a I've told you a million times not to exaggerate!

3135. Best of Net - This Week's Guest - > John Hart -> Founder of ECOMM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 14:40:51 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.150.004D8C62@mindspring.com>
Source record: 250934

I would like to take this opportunity to welcome all folks to the:

B E S T O F 7 5 N E T

3 . 9 7 5 m H z

E V E R Y

S U N D A Y N I G H T @ 7 : 3 0 p m

The Best of 75 Net is a net that meets on 75 meters every SUNDAY Night at 7:30 PM Eastern on 3.975 mhz.

The purpose of the net is to inform and entertain. Each week we have a special guest on the net to speak directly to the amateurs on the frequency. This is a wonderful opportunity to speak personally with these great and knowlegeable individuals in these various fields.

Every so often the Best of 75 Net, has "OPEN LINE". This is again an opportunity for you the amateur radio operator or Short Wave Listener to ask questions or express your view on the net.

Prior guests have included ; WD9HSE Bob Nelson , W5YI Fred Maia, KC9RP Hap Holly, W2NSD Wayne Green and WA6ITF Bill Pasternak

Last week's guest Bill Pasternak went for 2 1/2 hours until the net had to be closed. It was a great success and all involved had a great time. Topics ranged from amateur radio to missing persons.

- -

T H I S W E E K : 3/12/95

J O H N H A R T N 0 O C F E C O M M F O U N D E R

This weeks special guest is JOHN HART N0OCF - FOUNDER OF ECOMM.

John will be speaking on the use of the internet to pass emergency traffic into and out of devistated areas during emergencies such as the recent KOBE, Japan Earthquake.

I am sure John will be taking advantage of this opportunity to recruit some volunteers.

- -

N E X T W E E K : 3/19/95

B O B H E I L - K 9 E I D

If you don't know who Bob Heil is then you definitely need to be a part of this net. Bob Heil is one of the more knowlegable people in the audio field. Bob has introduced a new standard of audio quality into the amateur community. In fact he is the undisputed leader in this area. Bob has many other areas of expertise as well. He is heavily involved in the Home Theatre Industry just to mention the surface. He is also a popular radio and TV personality in the St. Louis area.

Please check into the net and meet Bob Heil.

- -

If you have a suggestion for a guest or question to a guest you may leave it here or post it to my email. Thanks in advance to all who have helped and I look forward to some real fun in the future....

Happy Hamming

DON DON KO4TA

3136. FOR SALE: 2 - KENWOOD TH-28A HT'S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 15:10:06 UTC
From: FULLER@UWSTOUT.EDU
Message-ID: <01HO061JQZKY006GQF@UWSTOUT.EDU>
Source record: 250933

For Sale: 2 each - Kenwood TH-28A, Micro Handhelds, TX 144MHZ, RX 144/440 MHZ, plus Aircraft Band. Alphanumeric memory, Alphanumeric message paging, 40 multi-function memory channels, Tone alert, Cloning capable, plus many other features. Extra battery included with each HT. New, in the box!
$250.00 each. Contact: Jon @ 715-235-4884.

3137. Help on Packet!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 16:58:11 UTC
From: shaft@dungeon.com
Message-ID: <shaft.7.001A0303@dungeon.com>
Source record: 250967

I have been looking into HAm for some time now. I have`nt got a lisence so I have just got a scanner to listen on. It is a YUPITERU MVT-7100. I have also brought the Baycom BP-1 Radio modem. I need help using both, or at least some freqs where I can get some decent packet receptions. Many thanks ,Julian..

3138. C connectors?? (Was: Re:

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 17:51:00 UTC
From: martin.briscoe@almac.co.uk
Message-ID: <8A5446B.044A00B79B.uuout@almac.co.uk>
Source record: 250935

-> >For very high power use, more than amateurs are allowed, the C or the
-> >EIA connector will be used. The C connector looks like a N connector
-> >on steroids, and the EIA connector uses a bolted flange. It comes
-> >in several sizes.

-> Is this right (about C connectors)? I always thought that "C" connector
-> were the bayonet variation of "N" connectors. A quick look at
-> the Newark catalog seems to confirm this.

Just top confuse things there is a SC "Screwed C" connector - its like a C
but with a screw fitting. I think one reason that they are used is that
the INNER pin on a 50R sc connector is same size as a 50R C connector and so
more robust that the 50R N inner pin.

And as someone else wrote, the HN.

martin.briscoe@almac.co.uk
Martin Briscoe
Fort William
Inverness-shire
Scotland

* RM 1.3 00964 *

3139. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 18:44:43 UTC
From: bandy@well.sf.ca.us
Message-ID: <3jsr2r$s24@nkosi.well.com>
Source record: 250936
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

kreifels@intel.com (Jerry Kreifels) writes:

>I am trying to set up my FT-530 to operate on my motorcycle, a BMW K75S.
>I understand that 73 magazine had a cover story in the April 94
>issue covering this subject. Is anyone out there able to mail or fax
>me a copy of that article? Please post or email any replies.

Well, QST had an article about this back in '92 or '93. The guy was
running HF from a god wing, doing cw, of course.

The funniest part of the article was where he mentioned that he brought
a microphone along "for emergencies".

SOS SOS SOS de W6RFN W6RFN W6RFN

<pause>

W6RFN de K5YGB K5YGB K5YGB U R 599 IN DALLAS TX WX IS GD K

K5YGB de W6RFN SOS ND HLP Q IS 20 MI N de BOSTON ON I93
Q IS 20 MI N de BOSTON ON I93 ?

W6RFN de K5YGB RPT AGN PSE ? U R 599 IN DALLAS TX K

A free bnc T connector [suitable for ethernet] for the first correct answer
as to the full significance of the above callsigns.

3140. FT-530

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 18:52:35 UTC
From: sbaldwin@community.net
Message-ID: <3jsrhj$di4@odin.community.net>
Source record: 250941

Does anyone know of any undocumented software settings for the
Yaesu FT-530? I know of the seconds hand for the clock, but that's it.
Any info would be greatly appreciated. Tnx, and 73

De Scott
N6UUH
.....
Please Email any personal replies requiring my reading. Tnx

Scott Baldwin- N6UUH Fairfield, California

3141. Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 19:34:18 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3jt2nd$kle@newshost.lanl.gov>
Source record: 250938
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I bought a 2006 a while back on the "no interest
no payment for 6 months" plan.
On the monthly statement interest kept appearing.

I thought maybe they would refund the charges
at the end as some outfits do.

Finally called today to ask about it because I wanted
to pay it off. When I asked they told me "Oh you had
some small charges.... and that is why there is interest."
This is something that I had kept careful track of. If I
made some small purchases I was sure to make a payment of much
more than any purchases I had made in that month. The
interest was on the entire amount including the "interest
free" purchase.

Anyway the point of this rambling discourse is that when
Rat Shack says "no interest" what they mean is they have
no interest in treating you fairly or living up to their
agreements. So watch your back when at the Shack

If Rat Shack management reads these news groups watch your
mail the four quadrants of my Rat Shack card are headed your
way. You got a few bucks you lost a good customer. Adios

3142. Re: The Triple H Net (Hank's Helping Hands)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 19:39:29 UTC
From: ddillon@csulb.edu
Message-ID: <3jsu9h$9h2@garuda.csulb.edu>
Source record: 250939

Bill Langton (blangton@sierra.net) wrote:
: I echo what Clark said....great bunch of guy and gals. I first
: discovered the HHH net back in 1991 and have been a semi-regular
: ever since. Last year I was asked to take over Net Control
: duties a couple of nights a week when one of the regulars took an
: extended vacation. You can find us 365 days a year starting at
: 0700z at 7.235 + or - for QRM. Stop on by...everyone is welcome!

RE: HHH Net

I am a newcomer to the net, and check in every once and a while.
Nice group of people, and they operate at night when I like to operate.
I have been trying to work DE and RI for the longest time, so when I
heard of a WAS type net, I had to give it w whirl.

Still looking for the elusive Deleware and Rhode Island

\
KD6FPX
Dan Dillon
So, Cal
73's

3143. Re: GROL question pools on-line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 19:44:53 UTC
From: ddillon@csulb.edu
Message-ID: <3jsujl$9h2@garuda.csulb.edu>
Source record: 250940

I am interested in taking that test in the Los Angeles area. How does
one go about finding info on the exam, where to go and when.
How much does such an exam cost to take?

Any responses appreciated.
Dan Dillon
kd6fpx

3144. Re: Any CB mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 20:58:15 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <3jt2t7$8it@gorgor.pa.tetherless.com>
Source record: 250942

dbecker@tiger.lsu.edu (Daniel Farrell Becker) wrote:
>
>
> Looking for CB mods for informational purposes only.
> Dan
>

Yes, and I buy Playboy just for the aritcles.

Mark

3145. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 23:15:13 UTC
From: tony@wilkes.ak.planet.co.nz
Message-ID: <R4xYvAgJBh107h@wilkes.ak.planet.co.nz>
Source record: 250954

In <3jktva$5fq@master.cs.rose-hulman.edu> derry@NeXTwork.Rose-Hulman.Edu (John Derry) writes:
>I have never met a ham yet who couldn't copy 5 wpm after some practice.
>Of course such people may exist, but then so do lottery winners.

Sat the morse test every month for eighteen months, finally got
the call SLH "so long hopeing".
Have never won a lottery - is passing the test the reason ?

--
---ajw--- ---zl3slh--- ---g3slh---

3146. IPS Daily Report - 11 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-11 23:18:52 UTC
From: rwc@ips.oz.au
Message-ID: <3jtb4s$1c9@corona.syd.ips.oz.au>
Source record: 250951
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 11/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 11 MARCH AND FORECAST FOR 12 MARCH - 14 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 76/14

GOES satellite data for 10 Mar
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: NA
Daily Electron Fluence >2 MeV: NA
X-ray background: NA
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
12 Mar 13 Mar 14 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 12 Mar: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active

Estimated Indices : A K Observed A Index 10 Mar
Learmonth 20 4332 3444
Fredericksburg 15 13
Planetary 15 13

Observed Kp for 10 Mar: 4332 3332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
12 Mar 18 Active
13 Mar 16 Unsettled to active
14 Mar 14 Unsettled
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Observed activity has sofar been
less intence than expected.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
11 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
12 Mar normal normal fair
13 Mar normal normal fair
14 Mar normal normal normal-fair
Degraded HF comms are expected for high latitude circuits.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
11 Mar 48 15% enhanced, Townsvile was near predicted monthly
values to 10% above, Hobart was near predicted to 15% enhanced with
spread F during local night.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
12 Mar 30 Near predicted monthly values to 15% above.
13 Mar 30 About 10% above predicted monthly values
14 Mar 30 About 10% above predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. HF conditions are expected to be
degraded for high latitude circuits.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3147. Re: Any CB mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 00:14:50 UTC
From: rwilkins@ccnet.com
Message-ID: <3jtedq$e4g@ccnet3.ccnet.com>
Source record: 250944

Mark Oppenheim (Mark@Tetherless.com) recently wrote
in <3jt2t7$8it@gorgor.pa.tetherless.com>:

: dbecker@tiger.lsu.edu (Daniel Farrell Becker) wrote:

: > Looking for CB mods for informational purposes only.
: > Dan

: Yes, and I buy Playboy just for the aritcles.
you sure spelled center-fold :-^/

Check out rec.radio.cb for the latest mods..but then I don't think the
forty channel spreading codes have been released yet. CDMA Rules!.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3148. Re: Need QSL route for VR6ME

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 00:26:16 UTC
From: david@stat.com
Message-ID: <H3qT2c11w165w@stat.com>
Source record: 250945

mike@wue.rhein-main.de writes:

> In article <mperkel.50.0083932F@primenet.com>, mperkel@primenet.com (Michael
> Perkel) writes:
>
> >
> >I worked VR6ME and I can't find a route for him.
> >I checked the callbook and qsl servers I know about with no luck.
> >
> >Please e-mail me if you have a QSL route for VR6ME.
>
> Send it to any VR6, Pitcairn Isl. is a very small island

Don't bother ... VR6ME is no longer on the island ... he was a visiting
priest on rotation to the island. He and I spoke many times on PACTOR
and he left the island to return to Australia about 3 months ago.

David

Editor, HICNet Medical Newsletter
Internet: david@stat.com FAX: +1 (602) 451-1165
Bitnet : ATW1H@ASUACAD

3149. Re: San Diego Confiscated HT Summary (LONG)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 00:30:03 UTC
From: dfrandin@crash.cts.com
Message-ID: <D5AxE4.Fpu@crash.cts.com>
Source record: 250948

William A. Kirsanoff (William_A._Kirsanoff@ccmail.anatcp.rockwell.COM) wrote:
: There have once again been a plethora of references to the now infamous
: confiscated HT in San Diego. Below is my entire compendium of pertinent
: posts on the subject, edited somewhat to avoid too much duplication. My
: intent is to deliver the facts as they were reported at the time and
: (hopefully) correct some of the distortions that have crept into the tail.
: :-) I left the .sig's after the appropriate sections to give credit where
: due.

: **********

: The San Diego Sheriff's confiscation of a ham's HT in 1993 is a story
: that could become an urban legend, as has been alleged in the past.
: The fact is, it happened. Yes, it would appear that the San Diego Sheriff
: had no legal authority to confiscate the HT, but the department, with the
: aid of the local FCC Field Engineer, did succeed in coercing Chris to
: "voluntarily" donate his HT to the SD RACES rather than face prosecution.
: The last I heard, the San Diego County Supervisors voted to decline the
: "gift". One thing that came out in 1993 is that at about the same time as
: Chris used his HT on the Sheriff's frequency to summon aid, another person
: was causing malicious interference on Sheriff's frequencies. The word is
: that the two together greatly irritated the Sheriff and drove the coercive
: activity that relieved Chris of his HT.

: Bill Kirsanoff

: There have been two articles in the San Diego Union, they are on the
: bulletin board at HRO. Here is a summary of the first one, I don't have a
: copy of the second article.

: The article states that everyone acknowledges that it was the ``act of a
: good Samaritan.'' but that ``authorities confiscated Chris Boyer's portable
: ham radio last month after he used it to obtain emergency medical help for
: a seriously injured friend.'' It states that he ran into trouble because he
: called for help on a Sheriff's Department frequency that he isn't
: authorized to transmit on. They quote William Grigsby, engineer in charge
: of the San Diego FCC office: ``"Under the regulatory scheme, ... this kind
: of operation by persons who are not authorized is strictly prohibited, he
: is also quoted to say that "We can't have a situation where everyone who
: wants to have a transmitter on the police or sheriff's frequency can, if
: this continues, we're going to have chaos for the law enforcement system."

: It states that Boyer tried to get help on five other repeaters but couldn't
: get anyone, they also tried a cellular phone but couldn't connect because
: they were ``in a ravine, toward the bottom of a canyon''. He then rode up
: the trail a half mile and tried again from a better spot but still couldn't

: get through, at that point they decided to try the SO frequency. The
: article says `` "I look and this guy's bleeding, he's taken a head trauma,"
: Boyer said. "I came on, gave my call sign - I wasn't trying to hide - and
: said, 'I'm a radio amateur with emergency traffic.' The dispatcher said,
: "Go ahead."

: Two weeks later, he got a letter from Bill Kahn (communications
: coordinator) for the SO, telling him to meet with Kahn and an FCC person.
: He was given the choice of having to ``forfeit'' or be prosecuted by the
: federal government.

: There are several quotes from different people including this one
: from county Supervisor Dianne Jacob, who represents that part of the
: county. ``"The frequencies are protected for public-safety emergencies,"
: Jacob said. "Well, this individual had an emergency.''... ``"I think
: anyone in the same circumstances, including myself, would do the same
: thing."

: In the second article I think there was a story about how Kahn had used
: his SO radio to request help when he got hurt while off duty out in the
: back country. I think it also quoted all the part 97.403 and mentioned
: that Chris Boyer now had an attorney and was going to fight to get his
: radio back.

: --GaryM
: --
: Gary Morris KK6YB Internet: garym@alsys.com
: San Diego, CA USA Phone: +1 619-457-2700 x128 (work)

: This was the lead article in Tom Blair's column in the February 17,
: 1994 edition of the San Diego Union-Tribune.

: "In a new bit of tension between the Board of Supervisors and Sheriff
: Jim Roache, the board refused Tuesday to accept a gift to the Sheriff's
: Dept. and told the sheriff to return it. The gift: a portable ham radio
: used last August by a back-country bicyclist, Chris Boyer, to summon help
: for a seriously injured friend. After sheriff's deputies responded to the
: emergency call, they told Boyer he had violated FCC rules by using
: restricted emergency frequencies and ordered him to surrender the
: improperly altered radio to them and the FCC. To avoid further hassle,
: Boyer signed the radio over to the department as a gift. But the
: supervisors, who honored Boyer in December as a good Samaritan, said no
: thanks this week. They urged the sheriff to return the radio to Boyer."

: John WA6ORO

: I KNEW (I actually wished :) he was going to get it back. Now I hope
: it doesn't take the Sheriff Office some years to do it, and not making
: it difficult for Chris Boyer. The tension of the above 2 groups exist
: for many years, when I still lived in San Diego, or so I heard.

: David Tse
: --

: David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
: I will prefer e-mail sent to above address.
: My PO Box is CANCELED, please do not use.

: There were two related circumstances that caused this to get blown out of
: proportion a bit. First, about two weeks before Boyer called in his
: "emergency" on an SO frequency, there was another person who had been
: jamming the SO frequencies using similar equipment, so they were
: particularly sensitive at the time this happened. Second, I have heard
: that Boyer is an engineer for a local radio or TV station and he admitted
: in that meeting with the FCC engineer that he had modified his amateur HT
: so he could use it on his station's commercial UHF repeaters and that he
: regularly used it on those frequencies. I think this second item is why
: the FCC went along with the SO in regard to confiscating the radio because
: it was not type-accepted for that use. I believe the radio is still in
: limbo somewhere, but RACES never did get it. Hopefully, Chris will get it
: back someday. I haven't heard much on this lately though.

: --GaryM
: --
: Gary Morris Internet: garym@alsys.com (garym@cts.com)
: Alsys Inc. Packet: KK6YB @ N0ARY.#NOCAL.CA.USA.NA
: San Diego, CA, USA Phone: +1 619-457-2700 x128 (voice/fax)

: Well, That's my file on the issue. Remember that the last post in this
: compendium was from spring of 1994. Situations may have changed since then.
: For one thing, I understand the Sheriff lost his bid for reelection. :-)

: 73

: _____
: Wm. A. Kirsanoff Internet:
: Rockwell International william_a._kirsanoff@ccmail.anatcp.rockwell.com
: (714) 762-2872
: Alternate Internet: WAKIRSAN@ananov.remnet.ab.com Ham: KD6MCI
:
: ---
: Who are you? * I am number 2. * Who is number 1? * You are number 6.
: ---
:

3150. $*$*$ 20 Weak Signal Challenge (HAM Post) - Now $30 $*$*$

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 00:52:19 UTC
From: ir000411@interramp.com
Message-ID: <3jtgk3$8aq@usenet.interramp.com>
Source record: 250947
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.homebrew

$*$*$ 20 Weak Signal Challenge (HAM Post) - Now $30 $*$*$

Three weeks have passed since the original posting of this challenge.
During that period, the Web page was accessed over 1000 times.
The weak signal recording has been listen to and processed by
many. Several operators using their best audio filters have been
able to copy my call. And yet, a correct identification of the calling
station has not been made. I am increasing the amount offered to $30
and will continue to escalate the prize until someone cracks the problem.

Details on the challenge can be obtained from my Web page:

http://www.webcom.com/~af9y/

The winner will be announce in the UseNet groups carrying this post
and my Web page.

Final Note for those trying their own signal processing techniques:

Many have asked about the WAV file format used for the
A/D recording. The format is a PC Windows standard which
contains 43, 8 bit-bytes of header (which can be thrown away)
followed by a consecutive series of 8 bit A/D data. The sample
rate was 8192 samples/sec.

Good Luck,
de Mike Cook - AF9Y

3151. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 00:55:21 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-1103951955210001@hideg.cc.nd.edu>
Source record: 250946

> The only places it's helped is where the newcomers are warmly welcomed
> and gently guided by more experienced amateurs. The open hand is usually
> much better received than the clenched fist.

Yes. I think this was once referred to as "elmering".

--Steve Hideg, N8HSC (General Class)
hideg.1@nd.edu

3152. FREE DRUDGE REPORT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 00:56:14 UTC
From: drudge@lainet.com
Message-ID: <3jtrbc$5s7@lainet2.lainet.com>
Source record: 250950

THE DRUDGE REPORT IS REPORTING THAT:

Jerry Seinfeld is going to make $500,000 a week.....
Bill Clinton is not the only American President in trouble..The new Rob reiner film is a 'holly-mess'...
Jenny Jones has blood on her microphone....
CNN is moving conservative....

For more information on these and other stories e-mail your request for the DRUDGE REPORT to
drudge@lainet.com
We issue every Monday and when we get 'breaks.'

3153. Re: Pacemaker

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 03:57:24 UTC
From: george@news.epix.net
Message-ID: <3jtrf4$bf8@grape.epix.net>
Source record: 250949

One of the local fellows W3PYF has a pacemaker and no amount of RF seems to slow him up or affect him inthe least.

Lord knows we have tried by aiming HTs and even a beam at field day but we just can't drop him no matter how hard we try!

All kidding aside I know he uses 2 meters and 440 a lot even runs a packet radio station. Runs 75 phone from the car at 100 watts and a cell phone too. In his house he runs some SSB on 160, 80 and 40 (once we heard him on 20!) and is the clubs EC so I wouldnt worry about RF and your new pacemaker.
God bless and do what the Dr. tells you. I need all the Soc Sec crowd I can get on 40 phone durring the day to keep me company on the road!

George AA3JU/AFA1JI

3154. Info-Hams Digest V95 #185

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 04:02:45 UTC
From: mangasjerry@gmiibbs.COM
Message-ID: <B6E383E5@gmiibbs.com>
Source record: 250973

```
unsubscribe
================================================================================
gmiibbs.com The Glass Menagerie BBS Reading Pa. gmiibbs.com
================================================================================
```

3155. unsubscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 04:04:59 UTC
From: mangasjerry@gmiibbs.COM
Message-ID: <00A98531@gmiibbs.com>
Source record: 250971

```
unsubscribe
================================================================================
gmiibbs.com The Glass Menagerie BBS Reading Pa. gmiibbs.com
================================================================================
```

3156. unsubscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 04:08:21 UTC
From: mangasjerry@gmiibbs.COM
Message-ID: <FBE9F5D5@gmiibbs.com>
Source record: 250972

```
unsubscribe
================================================================================
gmiibbs.com The Glass Menagerie BBS Reading Pa. gmiibbs.com
================================================================================
```

3157. Re: E-Mail Callsign Checks

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 05:03:28 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3jtvb0$1ei@thor.inlink.com>
Source record: 250974

Telnet:
Address: callsign.cs .buffalo.edu
Port: 2000

Address: pc.usl.edu
Port: 2000

Both of these let you look up by name, callsign, city or combined criteria.

Gary - N0ZOI @ K0PFX.#STL.MO.USA.NA

3158. Re: No Code & Newbies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 05:09:08 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3jtvlk$1ei@thor.inlink.com>
Source record: 250975

Hi Mike

I would be glad to welcome you to Amateur Radio.
Although I have been licensed since 1959, I feel the No-Code license is a great opportunity to enter this exciting hobby.
Personally, even after running 40 meter CW for over 25 years exclusivley, I would like to see the code requirment above 5wpm dropped altogether.
Maybe even replace it with typing skills test, Hi Hi....

The code really isn't that hard once you get the letters down pat, but why bother, you can always get into the hobby as a tech, and if the code interests you, go for it....

Looking forward to hearing you on the airwaves.

Gary - N0ZOI @ K0PFX.#STL.MO.USA.NA

3159. need dayton "Unofficial Activities" list and Program Sched

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 05:39:20 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3ju1e8$j4@godot.cc.duq.edu>
Source record: 250952

can somebody post here a list of "Unofficial Activities" for
this year's Dayton Hamvention ?
also, if you can include the regular and alternate activities
details.
please include as much detail as possible.

I think all these information is available on America Online
go Ham, but I do not have an AOL acccount.

thanks
73 de jerry
n3rkd

3160. W1AW on my shortwave radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 06:08:00 UTC
From: kbnmatt@aol.com
Message-ID: <3ju340$glk@newsbf02.news.aol.com>
Source record: 250953

I'm in Pasadena, California (within Los Angeles County) and would love to be able to pick up W1AW's broadcasts either on my shortwave radio or on my 2-meter handheld. Has anyone in Southern California had any luck in doing so? Does it take a biiiig antenna? I feel stupid because I can pick up things like Radio Havana and Radio Austria, but not W1AW which is so much closer. Send advice!

Korie Beth
KBnMatt@aol.com

3161. Re: <<<<MY NEW CALL>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 06:38:42 UTC
From: jkauffmn@netcom.com
Message-ID: <jkauffmnD5BEGI.3zD@netcom.com>
Source record: 250955

Dan Fleming (dfleming@earth.execpc.com) wrote:
: Honest opinions only please:

: I just got my call today via the FCC 800 number. Do you think its a keeper?

: N3UOD

: It seems like an easy call to remember.

GOOD JOB!

It sounds even better in CW: -. ...-- ..- --- -..

Enjoy!
Jim, N7TTO

3162. Need Owners Manual FT-312RM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 07:59:16 UTC
From: droy@netcom.com
Message-ID: <droyD5BI6s.5Bz@netcom.com>
Source record: 250956
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello,

I need an owners manual for a Yaesu FT-312RM 220 MHz mobil radio.
If you have one and could copy it I would be very grateful $$.
Please E-mail me info droy@netcom.com
Thanks
Dave
kb6hlr
--
To know me is to really love me-

Dave Roy (1947-)

3163. Re: The media and ham radi

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 09:06:15 UTC
From: brucem@eskimo.com
Message-ID: <D5BLAF.JMt@eskimo.com>
Source record: 250957

As a new person to ham radio, but not new to magazine writing,
I welcome suggestions for articles in magazines and newspapers, such
as major women's magazines (you never know!), other magazines, and
possible newspaper feature articles that could run in any paper in
the country. I'm working on a magazine proposal involving public
service to bikers right now.

--Bruce Miller, kcyiay, brucem@eskimo.com
Box 31165
Seattle, WA 98103

Avery N3tou <Avery.N3tou@f418.n109.z1.fidonet.org> writes:

>Thanks for the information Bill. I don't think that the Ham
>radio community does a good enough job at public relations.
>There are so many opportunities that are not taken advantage of.
>I really don't know why. I've even offered to help at my local
>radio club with public relations but I think the members feel funny
>about it. I don't quite understand. It seems the only press that
>ham radio receives is when a town has an antenna dispute with a
>resident. Have a good day.
>73
>Avery N3TOU

3164. Re: C connectors?? (Was: Re: PL-259 vs. N-style connectors?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 11:13:46 UTC
From: jdow@BIX.com
Message-ID: <3jul1a$h5s@news1.delphi.com>
Source record: 250960

In article <3jqh5v$o6f@universe.digex.net>,
gc@universe.digex.net (Gary Chatters) wrote:
>In article <1995Mar10.160433.2270@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>In article <3jnovs$q60@news.doit.wisc.edu> lumkes@cae.wisc.edu (John Lumkes) writes:
>>
>>For very high power use, more than amateurs are allowed, the C or the
>>EIA connector will be used. The C connector looks like a N connector
>>on steroids, and the EIA connector uses a bolted flange. It comes
>>in several sizes.
>
>Is this right (about C connectors)? I always thought that "C" connectors
>were the bayonet variation of "N" connectors. A quick look at
>the Newark catalog seems to confirm this.
>
>Gary

The C connector is a bayonet style connector that is somewhat like an N connector that has been doing the muscle building amino acids. HN is an N that has definately been on steroids and is/was used by the Air Force for high altitude/high power applications. (I have an HF 1KW PA done by Collins that uses them.) C and N are most definately not interchangeable. However.... If you look at them carefully the N and BNC share the same core. In a pinch you can plug most N males into BNC females without any damage or problems other than there being no mechanical lock holding the connector pair together. The C is quite different, on the other hand. Its centerpin is much larger than the N centerpin. And other dimensions are accordingly different.

I tend to modify ham gear I purchase to use these offbeat connectors. That way I have the satisfaction of knowing that any thief or "receiver of stolen goods" that gets it will have a pain in the backside trying to use it. Small satisfaction I suppose; but, it is better than none. {^_-}

{^_^} Joanne Dow The Wizardess

3165. Need Schemaic for KDK 4033

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 13:11:25 UTC
From: jreid@dialin.ind.net
Message-ID: <NEWTNews.17892.795017866.jreid@DialINClient.ind.net>
Source record: 250964

I need a copy of the schematic for a KDK 4033 220 rig, the service manual would be nice, but the schematic will do. A schematic for the two meter rig was given to me when I purchased the radio, but it is differant than the 220 rig. according to the literature that I do have the 440 rig is identical to the 220 rig so a copy of that schematic would do. I will gladly reimburse you for copying and postage.
73
John Reid
E-mail jreid@dialin.ind.net
Packet N9SFW@N8GTC.CIN.IN.USA.NOAM

3166. W = worst ltr in the alph

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 13:24:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7912.545@acenet.com>
Source record: 250961

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

WW>>My call avoids 'extra syndrome', allowing me to talk to newbies
WW>>on a friendly level. It may also bring out the true character of a
WW>>more senior appliance operator when they confuse me with
WW>>KA7LDV or something.

WW>I had something interesting happen to me on two meters
WW>yesterday. I had a QSO with a senior operator who remarked that
WW>my call was new, congradulated me on getting my call, and told me
WW>all about ham radio. The funny part is that I have had my call sign
WW>for almost 16 months. After he was finished, he asked me how
WW>long I have had my ticket and when I told him 16 months, he
WW>couldn't believe it. The conversation seemed to go down hill from
WW>there.

WW>Warren Whitby
WW>wwhitby@lan.mcl.bdm.com
WW>73s de KE4ITL

Warren, only 16 months??!!
You ARE new (at least to us old wheezers!)
73 de AF4K, ex-WB4FPH, G3XLQ

&#65533; SLMR 2.1a &#65533; I've told you a million times not to exaggerate!

3167. Re: NO CODE TECHS GETTING

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 13:24:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7913.545@acenet.com>
Source record: 250962

RI>Newsgroups: rec.radio.amateur.misc

RI>IW>Listen in on a pileup (or join in) on some rare DX who is working
RI>split
RI>IW>(listening up a few kHz from his transmitting frequency) some time!
RI>IW>Invariably someone will send "CALL?" followed by a chorus of "UP UP"
RI>IW>which seems to invoke someone tuning right on top of the DX which
RI>IW>incites a chorus of "LID LID" mixed in with obscenities.

RI>Zack,
RI> ... and all these years I've been told CW filters out all these
RI>people and makes the bands safe for moral purity.

RI> I am, of course, saddened and dismayed at hearing that code has
RI>failed at filtering the fracas. Another cosmic truth has bit the dust.

RI>Rich
RI>KF2JO

Since you presumably can't copy CW, (since you seem to despise it so
much), I conclude that you will have no way to ever verify this
type of thing for yourself, and you will be totaly dependent on radio
amateurs who CAN copy the code as your source of second hand info
about what goes on in the CW sub bands!

• SLMR 2.1a • I've told you a million times not to exaggerate!

3168. Which ARRL DX buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 13:24:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.7914.545@acenet.com>
Source record: 250963

Newsgroups: rec.radio.amateur.misc

DC>I have moved to the Pacific Northwest, but still retain
DC>my callsign from the Midwest, NY9S. I presume that I
DC>still put envelopes on file with the 9th call district
DC>ARRL DX QSL bureau. Is this right?

BY the way folks: Is anyone else having difficulty with the
4 Call area (two letter) incoming QSL Bureau ??????
(Sterling Park Amateur Radio CLub, VA)

I sent them 2 or 3 envelopes about a year ago, and I have heard
NOTHING back from them!!

Today I mailed them two more large envelopes, an additional
SASE for a reply, and a letter asking them what is going on!

73 de AF4K
brian.carling@acenet.com

• SLMR 2.1a • I've told you a million times not to exaggerate!

3169. WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 13:33:20 UTC
From: sveinnsv@rhi.hi.is
Message-ID: <3jut70$le8@eldborg.rhi.hi.is>
Source record: 250958
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Im looking for dedicated amateur WWW homepages. If you or your club has one
please email me. I will post a summary later.

Benedikt Sveinnson TF3BNT
Reykjavik Iceland

packet: TF3BNT@TF3BBS.ISL.EU

e-mail: bz@netters.is

3170. Re: Need windows 3.1 for 286 on pactor, help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 13:58:11 UTC
From: barry@indirect.com
Message-ID: <barry.789.0006F87D@indirect.com>
Source record: 250959

>I am looking for a version of Windows 3.1 that I could load onto my 286
>>machine.

Contact any software house. I am using Windows 3.1 on a 286 with 2 megs of ram. It is not as fast as my 486 but then again, for checking my e-mail while I am on the air is not very speed intensive. I have used Windows terminal on rtty and packet and it works just fine on the 286.

3171. Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 14:41:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <4bb_9503132204@woodybbs.com>
Source record: 250788

DP>So my questions are as follows. On Field Day:

DP>Can unlicensed individuals operate under the supervision of an
>appropriately licensed control operator?

YEP

DP>In particular, can they operate the Novice/Tech station?

YEP... as long as the control operator is capable of monitoring
the transmission and has control of what's being sent.

DP>Can Novice/Techs operate the 20m station under a control operator?

YEP, again, a properly licenses control operator.

DP>The 1994 rules do seem to suggest that only Novice/Techs should
>operate the Novice/Tech station -- but I assume this is to keep
>higher class license from sandbagging. Is that correct?

The intent is to keep higher class ops from operating under the
guise of Novice/Tech and running the Q's up.

DP>I hope that the rules don't preclude operation under a control
>operator. Last year my son (he was 12 at the time), had passed his
>TechPlus, and was waiting for his license to arrive. He went to
>Field Day, operated under supervision, got completely hooked, and as
>a result achieved his Amateur Extra in September, is just waiting for
>the return QSL cards to show up so he can get his WAS and WAC, and is
>co-chair of Field Day this year. I would like to see similar
>enthusiasm kindled in others this year.

Congrats to your son... and I hope he has a BLAST this year.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3172. Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 14:41:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <4c3_9503142208@woodybbs.com>
Source record: 250789

DP>So my questions are as follows. On Field Day:

DP>Can unlicensed individuals operate under the supervision of an
>appropriately licensed control operator?

YEP

DP>In particular, can they operate the Novice/Tech station?

YEP... as long as the control operator is capable of monitoring
the transmission and has control of what's being sent.

DP>Can Novice/Techs operate the 20m station under a control operator?

YEP, again, a properly licenses control operator.

DP>The 1994 rules do seem to suggest that only Novice/Techs should
>operate the Novice/Tech station -- but I assume this is to keep
>higher class license from sandbagging. Is that correct?

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* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3173. Re: Ham Radio: Killed by its own.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 16:12:54 UTC
From: johnbeal@aztec.inre.asu.edu
Message-ID: <3jv6i6$7m9@news.asu.edu>
Source record: 250965

People!
This hobby is made up of people and people will do some
strange things. Find some who are nice and help. I am
WA9UKH and you can tell from that call that I predate the
no code license. I have met old and new hams that I liked
and disliked. I also happen to be a computer jock and maybe
that helps. Quit bitching and ignore the jerks. There is
room for everyone. The old complaint used to be a guy with
a linear that swept the freq and blew off the QRP people. There
will always be both kinds, not only in this hobby but in life.
73
--
##
John L. Beal Personal responsibility

3174. Re: WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 16:31:49 UTC
From: lafont02@godzilla.cn.ca
Message-ID: <D5C5x2.3nr@sunqbc.risq.net>
Source record: 250966
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <3jut70$le8@eldborg.rhi.hi.is>,
sveinnsv@rhi.hi.is says...
>
>Im looking for dedicated amateur WWW homepages. If
you or your club has one
>please email me. I will post a summary later.

One that I like (In the Montreal area) is:

http://www.cam.org/~dino/ham.html

Don Lafontaine (VE2UFO)
Canadian National Railways Montreal Quebec,
Canada
Telecom Engineering Email -
lafont02@godzilla.cn.ca

3175. Re: KaGOLD-Recommendation?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 16:43:45 UTC
From: drayegon@enterprise.america.com
Message-ID: <NEWTNews.6152.795030459.drayegon@drayegon.america.com>
Source record: 250970
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I> Subject: KaGOLD-Recommendation?
> Date: 9 Mar 1995 15:50:02 GMT
>>
> Has anyone strong opinions re Ka(PK)Gold? If so, do you have a basis of
> comparison such as Hostmaster?

I used HostmasterII but didn't like the lack
of features. Talking with others convinced me to try Kagold.
I use a Kam+.

Enjoyed it so much that when I added a PK232 to my setup
I ordered a copy of PK gold.

73
Ray AD4RR

3176. Re: Need source for inifinite turn potentiometers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 17:10:40 UTC
From: jlundgre@news.kn.PacBell.COM
Message-ID: <3jv9ug$1s2@ohlone.kn.pacbell.com>
Source record: 250968
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Dan Port (dnp@math.mit.edu) wrote:
: Greetings,

: I've been having trouble locating a rotary potentiometer (around 0-150K
: ohms). I'm not sure if this is the proper name for it, but basicly I need an
: infinite turn pot., that is it is not restricted. I've modified a few pots.
: by removing the limiting barriers, but this leaves an unsavory "gap".
: If you know a source for such critters, please contact me!
: Many thanks in advance,
: dnp@math.mit.edu
: N6RIO

Some old servos used to use something like this on the back of a motor to
determine the shaft position. Also, this could be found on a radio
direction finder or similar equipment.

--

John Lundgren - Elec Tech - Info Tech Svcs	Standard
Rancho Santiago Community College District	disclaim-
17th St. at Bristol \ Santa Ana, CA 92706	ers apply.
jlundgre@pop.rancho.cc.ca.us\jlundgre@kn.pacbell.com	
"He who toys with the most dies, wins."- Dr Kevorkian?	

3177. VHF/UHF in Japan

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 17:45:59 UTC
From: jayg@io.com
Message-ID: <3jvc0n$34f@illuminati.io.com>
Source record: 250969

Has anyone operated 2M or 440 in Japan? I am planning a trip there this summer and wonder if it is worth the cost of the license, considering my limited Japanese. I understand they operate differently there (no repeaters on 2M for example). What about packet? Should I consider taking the Kam 3?

Thanks--Jay
KB5LET
jayg@io.com

3178. B E S T O F N E T

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 18:30:30 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.152.01951DC5@mindspring.com>
Source record: 250976

I would like to take this opportunity to welcome all folks to the:

B E S T O F 7 5 N E T

3 . 9 7 5 m H z

E V E R Y

S U N D A Y N I G H T @ 7 : 3 0 p m

The Best of 75 Net is a net that meets on 75 meters every SUNDAY Night at 7:30 PM Eastern on 3.975 mhz.

The purpose of the net is to inform and entertain. Each week we have a special guest on the net to speak directly to the amateurs on the frequency. This is a wonderful opportunity to speak personally with these great and knowlegeable individuals in these various fields.

Every so often the Best of 75 Net, has "OPEN LINE". This is again an opportunity for you the amateur radio operator or Short Wave Listener to ask questions or express your view on the net.

Prior guests have included ; WD9HSE Bob Nelson , W5YI Fred Maia, KC9RP Hap Holly, W2NSD Wayne Green and WA6ITF Bill Pasternak

Last week's guest Bill Pasternak went for 2 1/2 hours until the net had to be closed. It was a great success and all involved had a great time. Topics ranged from amateur radio to missing persons.

- -

T H I S W E E K : 3/12/95

J O H N H A R T N 0 O C F E C O M M F O U N D E R

This weeks special guest is JOHN HART N0OCF - FOUNDER OF ECOMM.

John will be speaking on the use of the internet to pass emergency traffic into and out of devistated areas during emergencies such as the recent KOBE, Japan Earthquake.

I am sure John will be taking advantage of this opportunity to recruit some volunteers.

- -

N E X T W E E K : 3/19/95

B O B H E I L - K 9 E I D

If you don't know who Bob Heil is then you definitely need to be a part of this net. Bob Heil is one of the more knowlegable people in the audio field. Bob has introduced a new standard of audio quality into the amateur community. In fact he is the undisputed leader in this area. Bob has many other areas of expertise as well. He is heavily involved in the Home Theatre Industry just to mention the surface. He is also a popular radio and TV personality in the St. Louis area.

Please check into the net and meet Bob Heil.

- -

If you have a suggestion for a guest or question to a guest you may leave it here or post it to my email. Thanks in advance to all who have helped and I look forward to some real fun in the future....

Happy Hamming

KO4TA - DON DON

3179. mods Conf: (22) recradioam

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 19:15:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950312160331317@digcir.cts.com>
Source record: 250793

```
================================================================================
BBS: DIGITAL CIRCUS
Date: 03-08-95 (00:34) Number: 108
From: GREGR22985 Refer#: NONE
To: ALL Recvd: NO
Subj: mods Conf: (22) recradioam
--------------------------------------------------------------------------------
GR>If you take off the bottom plate of the battery and cut the blue wire you
>will get full cell phone and air craft and police freqs..If you cut the
>red wire(it's a little harder to find)you will get full transmite on all
>,but 800 mgs...

GR> 73..KC7GHY
Greg, Just wondering, what radio is this mod for !?
73's EJ! N6oid

* OLX 2.1 TD * TAg line ban in effect in this conferwnce!
```

3180. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 19:42:44 UTC
From: ericp@u.washington.edu
Message-ID: <3jvirk$ku3@nntp1.u.washington.edu>
Source record: 250977
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1995Mar5.094630.7283@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <linleyD4xy8v.6vM@netcom.com> linley@netcom.com (Bruce James Robert Linley)
writes:
>>In ye olden post jlamar@yrkpa.kias.com (John LaMartina) spake...
>>>You may be walking a fine line on Part 97.
>>>- One way transmissions I don't beleive are allowed per Part 97.
>>
>>Excepting remote controlled devices on certain segments of the 6m band.
>>By the way, is remote control or telemetry permitted on any other
>>amateur bands?
>
>Yes, anywhere that Auxillary operation is permitted.
>
>>>- If you are receiving signals in return, they must be from licenced
>>> amateurs for that band (ie. packet)
>>
>>Who's sending signals back to you when you're using a repeater's autopatch
>>to call a non-ham? Hmmmm. Packet/internet autopatches????
>
>The repeater. It is an amateur radio station handling third party
>traffic under the authority of the control operator. When handling
>third party traffic, a repeater may not be operated under automatic
>control.
>
>>>- Only conducting 5% business is like being a 'little bit pregnant'
>>
>>Agreed.
>
>Ditto.
>
>>>- The UHF link is being used to evade ISDN phone line charges.
>>
>>I don't understand this illegality of not being able to use a radio
>>service to avoid paying for phone service.
>>
>>All autopatches can be construed to be 'evading' cellular service in
>>areas where cellular service exists.
>
>Yes. In fact 97.113, Prohibited transmissions says "No station shall
>transmit communications as an alternative to other authorized radio
>services". The rules no longer maintain a prohibition against competing
>with *wireline* services, but there is a prohibition against competing

>with other *radio* services. [Third party contacts are allowed under
>limited conditions when the content is "remarks of a technical nature
>relating to tests and remarks of a personal character for which, by
>reasons of their unimportance, recourse to public telecommunications
>service is not justified."]
>
>>Heck, you might as well kill off all land mobile radio as well on
>>the basis of it's evading phone line charges (cellular or otherwise).
>
>No, you can't, because land mobile is not a Part 97 service, and
>Part 97 rules do not apply to it.
>
>>What if you connected a computer (non-TNC) type modem to your radio
>>and log into your internet account through the autopatch? How is
>>this construed to be different from the UHF internet link mentioned
>>by the original poster?
>
>It's not different, both would be illegal if there is business
>content. Both are third party transactions and must obey third
>party rules.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

3181. Re: W1AW on my shortwave radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 20:07:08 UTC
From: tomsunman@aol.com
Message-ID: <3jvk9c$nuv@newsbf02.news.aol.com>
Source record: 250778
Body handling: HTML body converted to readable text

<<>>>>

Korie,
You should have no problem picking it up on shortwave. You won't recieve it on a 2 meter handheld, that I'm positive of. Are you using a long wire antenna on the shortwave? You need a better antenna it sounds like.

Tom

Tom Randall, Amateur Radio - KB2SMS
MST3K Member #43577
Member: AAVSO Solar Division
MST3K, don't leave home without it! (Batteries not included, use only as directed,for external use only, refrigerate after opening, close cover before strikeing, apply to infected area).

3182. Re: Programmer Wanted (Chicag

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 20:07:16 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD5CFw5.5x1@netcom.com>
Source record: 250781

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: OTOH, we've found that amateurs in general tend to have more than
: their share of asocial personalities. They often are intolerant
: of other sectors of our business, and often don't work well with
: the public. Fortunately, our engineers are kept in the back room
: and fed raw meat occasionally, so those personality problems rarely
: matter.

I think that's a fair assessment of many serious technical professionals.
It was true of computer programmers as well; the true "hacker" types, before
it fell under the auspices of a business degree. Those who really enjoyed
working with others usually became analysts. The best programmers, IMHO,
are often outright anti-social. I am proud to include myself in this group.
If only I were as good as Richard Stallman, or the original MIT bunch
featured in the book _Hackers_

Jim

--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3183. Re: Any CB mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 20:08:43 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5CFyK.A31@zeno.fit.edu>
Source record: 250779

In article <3jt2t7$8it@gorgor.pa.tetherless.com>,
Mark Oppenheim <Mark@Tetherless.com> wrote:
>dbecker@tiger.lsu.edu (Daniel Farrell Becker) wrote:
>>
>>
>> Looking for CB mods for informational purposes only.
>> Dan
>>
>
>Yes, and I buy Playboy just for the aritcles.
>
>Mark
>

why buy when they're running a www page these days?
>8-)
....

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3184. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 20:12:16 UTC
From: ghiscox@netcom.com
Message-ID: <ghiscoxD5CG4G.68q@netcom.com>
Source record: 250782

John Krohn (johnk@owl.UUCP) wrote:
: ----------
: I am in process of choosing a good (mid price range) antenna for use in a
: 2M (146Mhz) repeater system. I would like to ask for comments on what
: brand/type/model you have found to make a reliable choice. I am in need of
: at least one dual band antenna (146/440Mhz) as part of this system. You are
: welcome to e-mail responses and comments to: zytec!owl!johnk@uunet.UU.NET

In selecting a repeater antenna it would help to know something about the
location/environment of the repeater site. A moutaintop site subject to
severe icing and winds will dictate different strength requirements than
will a rooftop in Southern California. Also, a moutaintop location will
make pattern downtilt a desireable feature whereas with a lower elevation
site it would be a negative. So, where do you plan to put this repeater?

George L. Hiscox	Very funny Scotty...Now
ghiscox@netcom.com	beam down my clothes!!!
WA6RIK @ WB6YMH.#soca.ca.usa.na	^^^^^^^^^^^^^^^^^^^^^^^^

3185. Re: need dayton "Unofficial Activities" list and Program Sched

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 20:19:55 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5CGH7.ACp@zeno.fit.edu>
Source record: 250780

In article <3ju1e8$j4@godot.cc.duq.edu>,
Sy Jerry <SYJERRY@duq3.cc.duq.edu> wrote:
>can somebody post here a list of "Unofficial Activities" for
>this year's Dayton Hamvention ?

well, don't any information on the events so far, but i'm still
waiting to hear about some of the lesser known events such as
the Miniature Golf Tournament and the Bowling Tournament.
I think they're still looking for a restaurant that can kick out
the volume of food needed for the pizza eating contest.

(wondering just how complex a "connector chaos" event would be at
dayton...EIA to SMA with the most different parts - score by size,
number of different connectors used, SWR bandwidth of the resulting
chain...)

(club event: at the sound of the gun, teams have 2 days to gather all
the parts needed for a project they are handed at the start (no advanced
knowledge of the project..)...winner is the first one done that meets
spec..club gets a suitable prize - test equipment or new set of VHF radios
for the team members or a new "serious" HF radio for the club...)

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3186. METEROR SCATTER SKEDS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 21:01:49 UTC
From: YPAK35A@prodigy.com
Message-ID: <3jvnft$3t6@usenetw1.news.prodigy.com>
Source record: 250783

Seeking meteor scatter skeds on 3/14 and 3/16 on 6 and/or 2 meters. I am in Ms. (EM51JQ) and am seeking east/west skeds for the 14th and NE/NW skeds on the 16th. Please e-mail asap WITH a landline # and best time (s) to call. I prefer early morning skeds (1100 - 1300 utc) but will work with you on a time. 73 and good dx. Larry, wb5kyk

3187. Callbook Server with multi-lookup capability

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 21:20:33 UTC
From: ronklein@ix.netcom.com
Message-ID: <3jvoj1$g74@ixnews3.ix.netcom.com>
Source record: 250784

A few days ago I posted a query about the address for a Callbook server on the WWW that provided the ability to search on call, city, state, name, etc. Many of the paths seem to offer lookup based only on call.

The address for such a server is:

http://www.ecst.csuchico.edu/~stefanis/call.html

It seems to work well.

73,
--
Ron Klein - W0OSK
----
ronklein@ix.netcom.com

3188. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 21:48:34 UTC
From: wd0hxt@aol.com
Message-ID: <3jvq7i$pa3@newsbf02.news.aol.com>
Source record: 250785

WOW, there sure are a lot of opinions out there.
So let me add to the debate the following:
Part 97 is just that-- "PART"
It is only one small portion of 47C.F.R.
Subparts of part 97 are there to clarify. and outling the guidlines under which a station may be operated as a part 97 station.
47 CFR 97.403 is a standard disclaimer in nearly all parts of Federal law. What is saying is that part 97 alone can not be used as sole justification to prosecute an amateur operator who operates out of band on modified equipment WHEN THAT OPERATION IS JUSTIFIED UNDER LAW.
For example, an amateur radio operator who is the only operator able to copy a distress call on International maritime freqs could, under international maritime distress regulations, respond to that cal because it is allowed under maritime distress regulations. Provided that when an agency that is dually authorized to that freq IS ABLE to provide communications to said maritime vessle the amateur relinquishes his use of the freq to the authorized station. Therefore part 97 DOES NOT PROCLUDE the authorization under maritime law for ANY STATION to provide initial contact.
What part 97.403 DOES NOT authorize is the use of the modified ham rig to contact the local PD in the event of an emergency on their dispatch freq just because it is more convenient for the operator that to use the freqs he is licensed for.
Yes, under current law an amateur radio operator could modify his rig to operate out of band and still be ok. But, when he actually DOES operate it out of band he better make sure that there is NO other means available and that he IS AUTHORIZED UNDER SOME OTHER POINT OF LAW TO CARRY OUT HIS TRANSMISSION, because part 97 ALONE does not give him that authority.
If you really want to know whether you are authorized to do it, get a copy of the entire 47CFR and read it, then throw in a little international maritime regs. Then add some Federal disaster regs. When you have read and understand ALL OF THOSE then you will be ready to decide if you are whithin you rights to transmit on certain freqs under what types of emergency situations.

Ed Fairbairn
wd0hxt@aol.com
edf@bbs.wd0hxt.ampr.org

3189. Looking for my Father, James Hancock-HAM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 21:55:33 UTC
From: FKLX81A@prodigy.com
Message-ID: <3jvqkl$cn8@usenetw1.news.prodigy.com>
Source record: 250786

My name is Ray Hebert. When I was very young(around 4 years old) my parents were divorced and I never heard from my father again. I am trying to make contact with him and wish to solicite your help in this search. My fathers name is James Hancock. He and my mother(Dolores Coody) were married and lived in Pasadena, Texas from 1964 to 1968 approximately. I was born in 1965 in Houston, Texas.
My mother tells me that my father was a very active HAM operator. She also said that he worked at the radio stations in Houston as an Engineer.

I was hoping to find someone who knows of him or has a way of helping me to contact him.
I really would like to meet him after all these years. I have a beautiful wife(Teresa), and three handsome baby boys(Jake-4, Nick-2, Zack-1). I really would like for my boys to know their grandfather.
Any assistance you can offer in this effort will be greatly appreciated.
If my father should happen to read this message, please know that I do not
harbor any ill feelings towards him and wish to make the most of the time we both have left here on this earth to get to know one another.

Thank you,
Ray Hebert
FKLX81A@prodigy.com

3190. RIDE TO KULPSVILLE WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 22:21:14 UTC
From: h2osport@intac.com
Message-ID: <3jvs4q$snc@uucp.intac.com>
Source record: 250787

HI ALL!
ARE YOU GOING TO ATTEND THE SWL WINTERFEST '95? AS MOST OF YOU KNOW THE
FEST WILL BE HELD AT THE HOLIDAY INN IN KULPSVILLE, PA. WHAT I'M LOOKING
FOR IS A RIDE FROM THE BERGEN COUNTY AREA OF NEW JERSEY! I'M A VISUALLY
IMPAIRED PERSON A (VIP) WHO WISHES TO ATTEND! I AM WILLING TO PAY FOR THE
FUEL ONE WAY! ATTACHED IS THE INFO ON THE FEST! i WOULD APPRECIATE A QUICK
RESPONCE ON THIS, AS THE FEST IS ON THE 16TH OF THIS MONTH!!!!! PLEASE
EMAIL H2OSPORT@INTAC.COM
THANK YOU
JOHN J. ABBAMONT
KA2HOI

3191. IPS Daily Report - 12 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 23:18:32 UTC
From: rwc@ips.oz.au
Message-ID: <3jvvg8$kar@corona.syd.ips.oz.au>
Source record: 250801
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 12/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 12 MARCH AND FORECAST FOR 13 MARCH - 15 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 76/14

GOES satellite data for 11 Mar
Daily Proton Fluence >1 MeV: 7.6E+05
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 1.6E+08 (moderate)
X-ray background: A8.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
13 Mar 14 Mar 15 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 13 Mar: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active to minor storm

Estimated Indices : A K Observed A Index 11 Mar
Learmonth 25 5333 4444
Fredericksburg 18 23
Planetary 22 20

Observed Kp for 11 Mar: 4341 3335
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
13 Mar 20 Active
14 Mar 16 Unsettled to active
15 Mar 14 Unsettled
COMMENT: IPS Geomagnetic Warning 7 was issued on 5 March and is
current for interval 7-13 March. Activity is expected to decline
from 14 March to unsettled levels.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
12 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
13 Mar normal normal fair
14 Mar normal normal normal-fair
15 Mar normal normal normal
Degraded HF comms are expected for high latitude circuits.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
12 Mar 66 15-30% enhanced, Townsvile was 15% above predicted
monthly values, Hobart was near predicted to 10% below.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
13 Mar 50 About 15% above predicted monthly values
14 Mar 45 About 15% above predicted monthly values
15 Mar 40 About 10% above predicted monthly values
COMMENT: IPS HF Communications Warning 11 was issued on 6 March and
is current for interval 8-13 March. HF conditions are expected to be
degraded for high latitude circuits, enhanced conditions are expected
for low & mid latitude circuits.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3192. Ohio/Penn DX Bulletin #198

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 23:21:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.198.1995@ampr.org>
Source record: 250813
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.198
Ohio/Penn DX Bulletin No. 198

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 198
BID: $OPDX.198
March 13, 1995
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, K4CEF & Southeastern Cluster Group, QST, WE1M, N6DCD, W6BJH, AA8SM, K8VJG, N8AC, W8CNL, 4X4NJ, DF4RD, VA3CW, VE7CC and DL7VEE & DXNL for the following DX information.

1995 INTERNATIONAL DX CONVENTION will be held April 21-23rd, at the Holiday Inn in Visalia, California. The Northern California DX Club will host this 46th annual event which represents one of the oldest and best known DX functions in existence. The event will include seminars, DXpedition programs, QSL card checking, exhibits, prizes and is ARRL sanctioned. For more details contact Ted Davis, W6BJH, P.O. Box 494243, Redding, Ca 96049.

3Y, BOUVET ISLAND. UA9OBA will be traveling throughout the Antarctic and Arctic beginning in June. He plans to activate a few new IOTAs in his travels (Nanskian Island and Scott Island). He will end his long trip in late October/November to activate Bouvet Island (AN-002).

4X, ISRAEL. Riki, 4X4NJ, is active daily on 160 meters 20 minutes before and after his sunset. He is usually on or around 1830 kHz and listening up a few hundred Hertz. Riki also mentioned he is looking for the following states to complete his WAS: ID, ND, NV, OR and UT.

4S7, SRI LANKA. Willem, ON6TZ, and Gerard, ON4ASQ, will be active until April 1st. No QSNs have been reported as of yet on the Ohio/Penn Network, so callsigns and band activities are not available.

9H, MALTA. NODXA members Birgit, DL7VTZ, and Holger, DL7VTM, who were recently active from the Congo (as TN2M and TN4U) will be on Gozo Island from March 24th until April 7th, signing 9H1TZ and 9H1TY respectively. They plan to participate in the CQWW WPX Contest (25th and 26th). Activity will be on all bands with 100 watts and wire antennas. QSL via DL7VRO.

9K, KUWAIT. Faisal, 9K2HA, reports that all foreigners in Kuwait must now sign 9K2/homecall as of March 1st. BE ADVISED that some callsigns issued to some foreigners are now assigned to Kuwaiti nationals (ex. 9K2ZZ now belongs to Faisal, ex-9K2HA. QSL via ON6BY). Ray, W8CNL, QSL Manager for 9K2ZZ (before March 1st) reports the following changes as of March 1st:
9K2ZZ is now 9K2/N6BFM ... QSL Manager W8CNL
9K2ZC is now 9K2/KI0K ... QSL Manager KC4ELO
9K2YY is now 9K2/N0YKI ... QSL Manager KC4ELO
Ray also reports that all cards received for contacts made with 9K2ZZ after March 1st, will not be answered or forwarded to Kuwait, so PLEASE check the QSL info with the station you have worked. New cards are being printed for the stations listed above, so PLEASE be patient.

9Q, ZAIRE. Peter, ON6TT, continues to be very active as 9Q5TT. He was heard this past weekend operating RTTY on 20 meters starting around 2030z

A9, BAHRAIN. The DX News Letter (DXNL) reports that Admiral Scotty Redd, USN (K0DQ) is currently signing A92Q and is often active on 40 meters CW. No other details are available because no QSNs are reported on the Ohio/Penn Network. QSL via Box 116, Manama, Bahrain.

CARIBBEAN DXPEDITION. Mark, DL1XAQ, and Ralf, DL9XAT, will be active from four different IOTAs in the Caribbean Sea. They will start from the St. Vincent area (J8) on NA-109 (March 25-27th) and then NA-025 (March 27th to April 1st). They will be active from the St. Lucia (J6) NA-108 from April 1-4th and then from NA-102, a Guadeloupe (FG) island, April 4-8th. Activity will be on 80-10 meters (also check the IOTA frequencies). QSL via homecalls.

J6, ST. LUCIA. Peter, DK1RP, will be active from here, April 11-29th as J6/DK1RP. His activity will be mainly on CW and on the WARC bands. All QSOs will be confirmed via bureau automatically.

PACIFIC DXPEDITION. Tosy, JA6VZB, will be active from three different islands during the month of March. He should be active now from Koror Island (Rep. of Belau) as KC6VW until March 17th. Tosy will be active from Yap Island (Micronesia) as V63BM, March 17-19th. He will then end his activity on Guam as AH0T/KH2, March 19th (length of stay is unknown). His operations will be on all bands using CW/SSB/RTTY, with an emphasis on 160 meters and RTTY. QSL only via the bureau to JA6BSM.

SPECIAL EVENT. The Special Olympics World Olympic Games will be held in July at New Haven, CT. Special Event Station, W1SO, will be located at these games and be active from July 1 through July 9th. It was reported that there will be multi transmitters/operators involving many hams from many radio clubs in the area. More details will be forthcoming.

TI9 PIRATE. A station continues to operate as AA2JS/TI9 and it has been suggested to ignore and not to carry on a QSO with this station. Scott, AA8SM, talked to the wife of AA2JS and she stated that he is NOT in TI9. She also mentioned that a lot of QSL cards are being received and

to inform everyone NOT to QSL this station.

TN, CONGO. A new "YL" operator named Hazel was heard over the past weekend signing TN7OT on 14220 kHz around 1945z.

USCG STATION'S KEY TO GO QRT. U.S. Coast Guard Communications Area Master Station Atlantic (CAMSLANT) "NMN" in Virginia Beach will cease HF Morse code operation on April 1,1995. A final message will be broadcasted on April 1,1995 at 0001z on 5.870, 8.471, 12.718.5 and 16.976 MHz. NMN will issue a special certificate to those who copy the final message. Submit your copy of the received message to USCG CAMSLANT, c/o NSGA Northwest, Chesapeake, VA 23322. Attn: TC3 S. Morales (KP4FFW) (This is taken from QST of March, 1995, page 38).

XF0C, CLARION ISLAND. There seems to be some confusion on what this station counts for DXCC. The answer is "Revillagigedos". Clarion Island is one of Revillagigedos group, along with San Benedicto, Roca Partida and Isla Socorro (which was active last October by a group using the callsign XF4M). QSL XF0C via XE1BEF or Box 231, Colima, Mexico, 28000.

ZD8, ASCENSION ISLAND. G4RWD is reportedly on the air as ZD8WD until September. Not much information is available on this one as far as band activities. (Please send QSNs)

ZS9WRT. This station was not active from Walvis Bay, but was a Special Event Station at the World Rugby Tournament. QSL via ZS6AJS.

EDITOR'S SPECIAL. The next couple weeks may be difficult for me to put out a bulletin due to some personal activites happening. I will try to do my best, but I cannot promise anything. (KYFC!)

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

3193. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 23:33:42 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <VaJV2c1w165w@voxbox.norden1.com>
Source record: 250791
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

```
-----BEGIN PGP SIGNED MESSAGE-----

little@iamu.chi.dec.com (Todd Little) writes:

| |>- The UHF link is being used to evade ISDN phone line charges.
|
| So what? That stipulation was removed from Part 97 some time ago.

It was never in there in the first place. That myth started with an ARRL
"commentary" in one of its publications.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: jgrubs@voxbox.norden1.com

iQCVAwUBL2OFb974r4kaz3mVAQFW6wP9Foksvk8B1fvQLCZLr59d9BlrAC/+X+iU
jequ/5Pfx0ZxzNlkUZooKQRGnQ8ZFaxqJGJh//qq6Qa+2P/6SWugOMoUqse0aCOe
HxK6DAaWRHyI0V5Eggh1MqvKbCRtdYNnqM83Z4DczjVsGDkIcFrUyAcqUkXdq+TS
x199PjJffMU=
=Rz7m
-----END PGP SIGNATURE-----
```

3194. Buffalo Callserver

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-12 23:35:39 UTC
From: dmgillah@mtu.EDU
Message-ID: <199503122335.SAA02157@rock.me.mtu.edu>
Source record: 250790

```
No problems here, I just use: callsign.cs.buffalo.edu 2000
^space, not :
73
--
/\/\/\
```

3195. Re: KaGOLD-Recommendation?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 00:48:47 UTC
From: "Jeffrey L. Davis" <jdavis@one.net>
Message-ID: <3k04pf$k02@mail.one.net>
Source record: 250792
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

bsplaine@sr.hp.com (Bill Splaine) wrote:
>
> Has anyone strong opinions re Ka(PK)Gold? If so, do you have a basis of
> comparison such as Hostmaster? I am currently using Hostmaster and feel it
> is OK, but not particularly happy with it.
>
> What do you like/dislike about it?
>
> Thanks in advance, Bill
>
> --
> /\
> \ Bill Splaine E-MAIL > bsplaine@sr.hp.com /
> / Hewlett Packard VOICE > (707) 577-2913 \
> \ Santa Rosa, CA 95403 FAX > (707) 577-2095 /
> / ALL STANDARD DISCLAIMERS APPLY PACKET > N6GHG@KC6PJW \
> \/
>
KA-Gold is superior to Hostmaster in a variety of ways not the least of which
include advanced conferencing, online help system, clipboard
cut and paste of text, etc. Bottom line, buy the KA-Gold there is
no way you will be disappointed. I do not work or represent
Interflex in any way, I am just a very satisfied customer.

73, N9AVG

3196. Amateur Radio Newsline #917 10 Mar 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 01:03:39 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <hdvOlGG8yv26079yn@dorsai.org>
Source record: 250814
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.917
Amateur Radio Newsline #917 12 Mar 1995

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Netowrk. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline. and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or D.CARY@genie.geis.com
Compuserv, Delphi, Genie - D.CARY@genie.geis.com
Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks: FidoNet - Joe Brown, 1:2625/111
RIME - RO mail to Steve Coletti, ->35
Others - Steve Coletti (within the conference)
(Fido Netmail to 1:278/230)
- - - - - -
NEWSLINE RADIO - CBBS EDITION #917 - POSTED 03/11/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
==========
Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... Out Of Service
Melbourne, FL..... (407) 259-4479

Electronic Hardcopy Version of Newsline
==========
GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at
D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed
above. To provide information please call (805) 296-7180. This
line answers automatically and will accept up to 30 minutes of
material.

Check with your local amateur radio club to see if NEWSLINE
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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

(**********

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[917]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following advisory is not necessarily for trans- *
(* mission over amateur radio. This is just a reminder that *
(* the address for the Newsline Support Fund is: *
(* *
(* Newsline *
(* c/o Andy Jarema, N6TCQ *
(* P.O.Box 660937 *
(* Arcadia, California *
(* 91066 *
(* *
(* Again, and as always, we thank you. This ends the *
(* closed circuit with Newsline report number 917 for release *
(* on Friday, March 10, 1995 to follow. *
(* *
(* *

The following is a QST

A delay in the vanity call sign program, bad checks passed at a
hamfest and electronic fish all highlight Newsline report number
917 coming your way right now!

(*****
VANITY CALL SIGN FORM

There will be a delay in getting the vanity call sign program
underway. This is because the new Federal Communications
Commission form necessary for applying for a vanity call the new
Form 610-V will not be available until after May 1. Because of
this, applications for vanity call signs can not be accepted until
after the form is available. This, even though the effective date
for the new program to begin is March 24th.
Beginning May 1st, FCC Form 610-V may be requested by calling
the FCC Forms Distribution Center at 1-800-418-3676. Hams who
call the FCC to request the form before then will not have their
names recorded and it will be necessary for them to request the
form again, when it is available.
As an alternative you can send an Self Addressed Stamped
Envelope to ARRL-VEC at anytime. Write Form 610-V request on the
outer envelope and it will be sent to you as soon as it's
available.
The FCC says that it will make a public announcement of the
date of opening of the first gate to file a vanity call sign

application. Do not send in any forms until after that date is announced.

(*****
EMERGENCY COMMENTS

The ARRL has filed comments on FCC notices of proposed rule making concerning a proposed new Emergency Alert System in FO Dockets 91-302 and 91-171. The League says that the EAS proposal signals the Commission's intention to integrate broadcast alerting concepts into local and regional emergency response plans, and said that the Amateur Service is a logical partner in providing emergency information to the public.
ARRL assert that Amateur Radio has a long history of providing emergency communication. This, through the Radio Amateur Civil Emergency Service and the Amateur Radio Emergency Service. And the national society says while the Commission proposal cites hams as an auxiliary entity in emergency communication operations, the reality is that the Amateur Service is a principal provider of communication during disaster relief and other emergencies.
The League believes that Amateur Radio must be considered an available resource at all levels of EAS organization. It notes its memoranda of understanding with the American National Red Cross, the Salvation Army, the Federal Emergency Management Agency, the National Communications System, the Associated Public Safety Communications Officers, and the National Weather Service as basis.
The League suggests that EAS participants should be a part of overall emergency planning, not just emergency communication planning. It urges the total integration of Amateur Radio and other radio services into the overall planning.

(*****
SECTION MANGER SPEAKS OUT

And speaking about ham radio in emergency planning, the ARRL's new Section Manager for Alabama wants to see hams in that state unite, regardless of whether they are League affiliated. Tom Moore, KL7Q, was appointed Section Manager following the December 31st 1994 resignation of Ken McGlaughn (pronounced "Mac GLAWN"), KM4JD. One of Moore's first actions as new Section leader was to call a statewide cabinet meeting January 21st. During that meeting, Moore paid tribute to the many hams who, 'though not League members, contribute to the amateur radio service and to their community.
Moore has a warning for hams everywhere. He says the grab for valuable frequency spectrum by businesses with deep pockets will continue to threaten amateur radio.
About 40 amateurs attended the cabinet meeting. Moore's term as Section manager runs through December 31st.

(*****
RUBBER CHECKS

A ham radio con man appears to be at work in the mid-west hamfest circuit. This, with a number of exhibitors at a recent Missouri show duped out of new equipment paid for with bad checks. The person passing the bad paper claims the identity of Frank J. Margita (pronounced "MAR-GEE-TA") of Topeka Kansas, but that appears to be a phony. This, because the real Frank J. Margita passed away in Florida in 1992.
The con man is described as 40 to 50 years old standing six feet tall and weighing about 200 pounds. Witnesses say he has a beard, is very knowledgeable about ham radio. He may claim that he recently passed an Amateur Radio test and is waiting for his call sign.
Among the items that the phony Frank J. Margita paid for with rubber checks was a new Yaesu F-T 890 high frequency transceiver bearing the serial number 211200762. If anyone tries to sell you this radio or a new Midland 2 meter HT at a bargain price, please contact Detective Bill Fisher of the Saint Joseph Missouri Police Department at 501 Farron Street, in Saint Joseph, Missouri 64501.

(*****
STS-67 UPDATE

The SAREX Shuttle Amateur Radio ham station on board the spaceship Endeavour has been working flawlessly, but the same cannot be said for the scientific gear.
Just two days into a planned two-week astronomy mission, the team of orbiting astrophysicists was struggling to point an array of ultraviolet telescopes to the pre-selected celestial targets. Astronaut Ron Parise, WA4SIR told mission control the pointing system was drifting all over the place.
The crew has had to manually point one of the three telescopes, which are supposed to lock automatically on their targets using a computer. Later, Mission Control reported that most of the problems had been resolved with a change in procedures. This, in time for the space scientists to go back and focus on lost targets.
As reported last week, six of the seven Endeavour astronauts have their ham radio license. These include Ron Parise, WA4SIR on his second trip into space. With Ron are Commander Steve Oswald, KB5YSR, Pilot Bill Gregory, KC5MGA, Mission Specialist Tammy Jernigan, KC5MGF, Mission Specialist Wendy Lawrence, KC5KII and Payload Specialist Sam Durrance, N3TQA.
SAREX is being flown in configuration C on this mission. This means its operational on both voice and packet. A record 26 schools from around the world are participating in SAREX with a scheduled contact with the astronauts. Even more will be listening in to the school student's question and answer session with the astronauts.

(*****
IS FCC PLANNING TAX ON MODEM USERS?

N3GPU reports via packet that Baltimore radio station WCBM carried a news story which says that the FCC is developing plans to assess charges for modem users who pass data back and forth with online services such as Compuserve, America Online, Prodigy, and the like. The story went on to say that the proposed user fees could be as high as $6 per hour, and would be charged by the telephone carriers with FCC permission, as partial compensation for the costs of long distance service deregulation. The WCBM story concluded by saying that a similar effort by the FCC several years ago was shelved because of the weight of public comment against it.

(*****
HIGHER BROADCAST FEES

On the regulatory scene, Broadcasters and cable TV operators may face hikes in FCC user fees to pay for 1995 regulation under a new government proposal. VHF TV stations in the top 10 markets would be required to pay $21,540 to the FCC, up from $18,000 a year ago. VHF TV stations in markets below the top 10 would pay between $5,950 and $19,075 for 1995 FCC regulation. UHF station payments would range from $4,775 in the smallest markets to $17,150 in the 10 largest markets. Cable operators could be assessed 51 cents per subscriber, up from 37 cents in 1994. Radio stations would be hit with higher FCC user fees as well. The FCC proposal stems from Congress' ongoing effort to make regulated industries pay for the cost of FCC oversight.

(*****
HDTV

The era of high-definition television has been a long time coming to the United States but 1995 could prove to be a crucial year for those championing the new technology. After years of research and narrowly focused testing, a consortium of companies is putting the finishing touches on a system that is likely to be ready for its last go-round in the laboratory. If all goes smoothly, a special advisory committee called The Grand Alliance could recommend by late summer that federal regulators approve the system as the U.S. standard for transmitting HDTV signals. Alliance members believe that receivers could be available to the public in late 1996 or early 1997. This the same time frame when HDTV broadcasts would be available.

(*****
DX

In DX, reports from the Tokyo PacketCluster indicate that two Laotian stations are currently active. XW2A and XW1BOD have been mainly heard on 20 and 40 meters CW. The two station operate on

20 meters between 23:00 and 01:00 UTC and on 40 meters between 14:30 and 17:00 UTC between 21:00 and 22:30 UTC.
Also, several Japanese sources report that JH1AJT, who was recently active from Bhutan hopes to make a return sometime this summer. Reportedly, he has left all the rigs, antennas and amps in A5 land and plans to go back again to activate the station for a longer stay.

(*****
ELECTRONIC FISH-NAP

And finally, four men were charged in a scheme to poach some electronic fish. That's right, we said fish as in large mouth
bass. This, after some of the protected fish were tracked to a commercial farm through electronic devices implanted by state wildlife officials.
Prosecutors say the men illegally pulled more than 40,000 pounds of the bass from the Potomac River over three years. They then sold the protected fish to wholesalers in the United States and Canada.
But authorities were able to track the poached fish because some had tiny tagging transmitters implanted as part of a study by the Maryland Department of Natural Resources to track their growth and movement. Fish and Game authorities were first tipped to the alleged scheme by a Canadian inspector who saw a shipment at a Toronto wholesaler. After getting the lead, Maryland detectives took a receiver that monitors animal tag transmitters to a fish farm, where they picked up radio signals coming from the breeding ponds.

(*****

And for this week, that's all from the Amateur Radio Newsline.
You can write to us at:

Newsline
P.O.Box 660937
Arcadia, California
91066

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3197. I need QSL help.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 01:35:04 UTC
From: pkorkows@badlands.NoDak.edu
Message-ID: <D5Cv2G.9pK@ns1.nodak.edu>
Source record: 250809

I need QSL routes for ZA1AJ and J80C. Please send them to me at pkorkows@badlands.nodak.edu. Thanks in advance.

Pat, KB0IHM

3198. Sangean ATS-803A for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 02:06:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.36169.4727.0N1D5238@canrem.com>
Source record: 250794

Hi. I have a Sangean ATS-803A general coverage receiver for sale. Its
the same as the Realistic DX-440.
Its a portable general coverage receiver that receives 150 KHZ-30 MHZ
continuous coverage, receives am sideband and cw, also receives fm and
fm-stereo from 88-108 MHZ.

- can be run from wall adapter or batteries
- internal, telescopic whip, or can be connected to an external antenna
- din plug can be used to hook this radio to a tape recorder,
- with headphones or with your stereo (through the radio's 1/8 inch
headphone jack) you get FM broadcasts in stereo
- rf gain, bfo, bass, treble, balance, and volume controls
- ten memories for your favorite stations
- direct frequency entry via number keys 1-0
- can tune in steps with knob or up/down keys
- will scan for stations/signals
- built-in clock with alarm
- lock switch prevents accidental key presses
- also has narrow/wide receive switch for narrowing bandwidth

I have the radio, the manuals/paperwork for the radio, and the
wall power adapter for the radio. Unfortunately, I cannot
sell the radio with a pair of stereo headphones, but all you
need are your standard walkman type, or anything with a 1/8 in
plug.
This radio is in fine shape, except for a broken telescopic
whip antenna which needs to be replaced. (most of the antenna
is there, but a couple of the end sections broke off a year or
so ago)
Reason for selling: I have one of those great little Sony's,
so don't need this radio.
I'm going to leave the asking price wide open on this radio.
I paid $275.00 a few years ago for it, but have no idea what
they're going for used these days.
Please reply via any of the following methods:
Internet: email to chris.smart@canrem.com
Fido: netmail to 1:229/15
Rime: private/routed mail to ->crs
Phone (voice): 519-756-9389, (just leave a message if I'm not
around)

Thanks,
73, de ve3 sht

... ARRRRRGGGHHH!!!! ... Tension breaker, had to be done.
___ Blue Wave/QWK v2.12

3199. Dualband HT HELP??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 02:06:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.36168.4727.0N1D5237@canrem.com>
Source record: 250795

Ok, once I sell my small HF rig and power supply, I plan on buying a dualband HT. I haven't had any experience with any 2 m or 70 cm equipment for years. The last handheld I owned was an Icom IC02AT; I loved it. I'm looking for something with the following features:
- direct frequency entry via a number pad, (I can't handle those little switches or thumbwheels as I can't see the display)
- 4 or 5 wats output on 2 m and 70 cm
- a hot little receiver that doesn't get constantly overloaded with intermod (I'm in a city of about 80,000 people, so the intermod problems aren't extreme here yet)
- at least 10 memories per band
- CTCSS capability on both transmit and receive, (very important on receive)
- extended receive capability, (not just the ability to make the display go out of band on receive). This would get rid of the necessity for a scanner to monitor the weather stations and a few other frequencies.

Also, what are the battery options on HT's these days? It would be nice to get something better then a nicad pack, such as the NiMH batteries available in most notebook computers these days.
Oh, by the way, I was originally considering just getting a 440 MHZ rig to avoid the conjestion and interfearance on 2m, but I figure I may as well just get an HT with both bands for what its worth.
Please let me know what you're using, approximately what its worth new, what you like/dislike about it, etc. Can you get antennas better then a rubber duck for these things that work on both bands?

Thanks and 73, ve3 sht.
Internet: chris.smart@canrem.com; Fido: 1:229/15; Rime: ->crs

... If this is tourist season, why can't I shoot any?
___ Blue Wave/QWK v2.12

3200. Ham gear for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 02:06:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.36167.4727.0N1D5236@canrem.com>
Source record: 250796

Hi. I have the following equipment for sale. If you are interested in any of the following, want to make an offer, ask for more information, and so on, here's how to contact me:
Mail addresses: Internet: email to chris.smart@canrem.com, Fidonet: netmail to 1:229/15, Rime: private/routed mail to ->crs.
Phone (voice): 519-756-9389 (if I'm not around, just leave me some voice mail)

1. 15-20 amp power supply.
I have a 15 amp homebrew DC supply for sale. This thing is better built then most of the commertial supplies I've seen/used, is very solidly constructed, doesn't get more then slightly warm when supplying 15 amps at 13.8 volts DC.
I didn't build it, but I can certainly atest to its high-quality. The four big transistors at the back are rated at 5 amps a piece, so it'll probably put out close to twenty amps if pushed. DC voltage is also variable; (currently set to 13.8).
I'm looking for about $80.00 Canadian funds for it, since its in absolutely great condition, and was hardly used. (price is negotiable)
Reason for selling: I am saving up for a decent acoustic guitar, a dualband HT, and other things.

2. Ten-tec Argosy II

Yes, I'm parting with it, after 6 years of great performance.
Features: extremely small solid-state rig; great beginner radio for people with a low budget, perfect for mobiles, a great backup rig for emergencies or up at the cottage.
- 5 or 50 watts ssb and cw,
- transmits upper and lower sideband, cw, (automatically ofsets transmitter when switched over to cw)
- transmits and receives on 80, 40, 30, 20, 15, and 10 metre bands. (10 m is split into four band selections, 28.0-28.5, 28.5-29.0, etc.)

- great notch filter for eliminating carriers
- digital readout for frequencies, power/swr/signal meter,
- comes with Ten-tec power supply, d-104 desk mike that looks aweful but is a perfect match with this radio,
- also comes with voice readout for frequencies, (great for white-caners like me)
Reason for selling: I'm just not interested in keeping this thing around any more. I have almost lost all interest in HF, and will buy a better radio when I get back into the low bands. Furthermore, as I mentioned above, I need the money for other things.
History: For the first year after I purchased this radio, I was

constantly replacing fuses in the power supply, and the radio was pretty warm even with almost perfect swr readings. Then, the voltage regulator went for good in the power supply, blowing the two big transistors in the finals. $138 later, the supply and radio were fixed, and I have had no problems since. No blown fuses, no overheating problems, etc. It works great, except for the following minor problems. The plastic knob on the
mode-change control can be removed by simply sliding it off its post. There is no longer a knob on the notch filter control, but this could be easily remedied. Also, the RIT control needs to be lined up again. In other words, when the RIT control is in the middle of its range (transmit and receive are on the same frequency supposedly), transmit is down the band about 1.5 KC's from where the receiver is. I just turn the RIT to correct this, but its annoying having to have it permanently set wrong.
I'd like $450.00 or best offer for this rig, power supply, voice readout, d-104 mic. I still have the manuals and paperwork as well. If you don't want the d-104, I'll probably just throw it out as its so beat up.
73, de ve3 sht.

... Radiactive halibut makes fission chips.
___ Blue Wave/QWK v2.12

3201. Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 03:01:47 UTC
From: krisn3rqt@aol.com
Message-ID: <3k0cir$10s@newsbf02.news.aol.com>
Source record: 250797

My rig (a TS850) gives me the choice of using "Full Breakin",
"Semi-Breakin", or
no breakin at all by just putting the rig in send mode.

How does one decide which of these to use and when?

Is one less hard on the rig than the others?

73, Kris

3202. Re: QST magazine address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 03:06:52 UTC
From: lakeith@robins.af.mil
Message-ID: <3k0csc$jjg@wrdis02.robins.af.mil>
Source record: 250798

billnoe@delphi.com wrote:
: Anyone know how I may get in touch
: with Qst ,agazine?
: Thanks, Bill

Try qst@arrl.org...

or mwilson@arrl.org (Mark Wilson is the editor..)

73,

Larry, KQ4BY

3203. NAVTEX question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 03:21:50 UTC
From: piper@blkbox.COM
Message-ID: <3k0doe$1qm@blkbox.blkbox.COM>
Source record: 250799

Help please! I am located in Central michigan <at CMU> and I have been
trying to receive NAVTEX bulletins and I have been unsuccessful. I have
two sources that conflict each other with frequencies bu both agree on LSB.
Can anyone offer a "for sure" frequency and time? Or any other help?

3204. Re: NYC Info needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 03:28:39 UTC
From: tja@netcom.com
Message-ID: <tjaD5D0Br.D0D@netcom.com>
Source record: 250803

Bruce Miller (brucem@eskimo.com) wrote:
-> I'll be coming to NYC in May for about a week. Would like to
-> learn in advance of the 146/440 scene in NYC, as I plan to bring
-> along my HT. If any one can provide info, please email me at
-> brucem@eskimo.com.

-> Thanks.

What's there to know?
Get on just about any repeater pair and there is a repeater on it. =)
Here are my few suggestions:

1. Get an ARRL Repeater Directory.
2. Be sure that your radio can TRANSMIT PL tone (CTCSS).
3. Be sure that you can program it.
4. Listen for a few moments on a freq. Many repeaters have voice
ID which will tell you which PL TONE to use.

Have fun...

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

3205. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 03:53:57 UTC
From: turner@safety.ics.uci.edu
Message-ID: <3k0fkl$h7f@safety.ics.uci.edu>
Source record: 250800

In <3k0cir$10s@newsbf02.news.aol.com> krisn3rqt@aol.com (Kris N3RQT) writes:

>My rig (a TS850) gives me the choice of using "Full Breakin",
>"Semi-Breakin", or
>no breakin at all by just putting the rig in send mode.
>How does one decide which of these to use and when?

The short answer is whatever seems right for you. It would be hard
to imagine any QSO today where no break in would work very well, you
would have to be fast on the switch if any quick question was asked
and you would not know when you were being clobbered while transmitting.
Of course, it is how things went 30 years ago :-) .

Some really like semi break in with a comfortable delay because you
hear less band noise and that makes some happy. However, you will
often not hear anyone QRM'ing you or if the other station has a
fast Break you will not notice.

I prefer full break in because it allows me to monitor the frequency
while I am transmitting, and I can have more natural conversations
on CW as we can fast break each other with comments and questions,
or QSY if someone moves in. It is a bit like the fast VOX guys that
like to speak to each other in more natural conversation mode, quick
questions and comments go back and forth, not a long monologue
followed by another.

My advice - try the different break in modes and see what you like.

>Is one less hard on the rig than the others?

Funny question, but it does make sense. I suppose the t/r relay or
diodes will have more use with semi break in than with none, and more
with full break in than with semi break in, but I have never (in 25 years)
had my t/r switching fail on me. It is like turning the radio on and
off. If you notice, more wear and tear on all radios with the on/off
cycle. Therefore, you can minimize that wear and tear, but then you
minimize its normal use or maximize the heat wear and tear, etc.
Tradeoffs. But the radio is designed to be turned on and off, and the
radio was designed for either break in mode. Just try them.

Clark
WA3JPG

3206. Re: Looking for my Father, James Hancock-HAM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 04:16:58 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3k0kpf$p4e@newshost.lanl.gov>
Source record: 250802

Ray,
There is one name in the call book which might match. As an adopted person and step parent I know there are more issues than finding him. Please contact me by e-mail particularly if you know more detail like birthdate and middle name and I will help if I can. This is hard ground to cover good luck. Jerry

3207. Re: Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 04:30:11 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031316211@alb.med.itc.com>
Source record: 250804

In Article <3joama$4fn@dora.auc.trw.com>
etuggle@dora.auc.trw.com (Eddie D. Tuggle) writes:

> Well, the whole point of this post is to ask some of you that have already
> gone though the cw tests what the format is like. Some folks have told me
> you only have to copy 25 characters (in a row) correct and you pass. Others
> have told me there is a 10 question quiz after the code is sent.

Eddie - congratulations on your progress. Some of the "it's impossible to learn CW" people should read your post.

I'm an examiner for the ARRL-VEC and give code tests all the time. I can't speak for other VEC's but I can tell you what the ARRL exams are like. Each test consists of a 5 minute (plus or minus) transmission that resembles one side of a CW contact, at the beginning right after the QSO has started. For example,

W1XYZ de K0ABC tnx for qso ur rpt 579 ....

it will then go on to give the person's name, qth, type of radio and antenna, and maybe some other details such as occupation, how long he's been a ham etc. How much of that sort of detail is there will depend on whether it is a 5, 13 or 20 wpm test. They then repeat the call signs at the end.

You can pass the test in either of 2 ways: pass a 10-question test (7 out of 10) on the content of the transmission, or have 1 minute of solid copy (25 characters at 5 wpm, 65 at 13 wpm, or 100 at 20 wpm). The written test may be either fill in the blank or multiple choice (that is up to the discretion of the exam team - mine will not give multiple choice, just fill in the blank). Solid copy is counted as 1 character for each letter, and 2 for each number/punctuation mark/prosign. My own experience is that far more people pass on solid copy than pass the 10-question test.

Hope this answers your question, and good luck on your exam. Hope to hear you on HF! 73 - Alan NS0B

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3208. picture file of house with antennas in alt.binaries.pictures

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 05:22:47 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD5D5M0.2II@netcom.com>
Source record: 250807
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

posted in the newsgroup alt.binaries.pictures a "JPG" picture file of a house with a 2 meter J pole antenna, and a more boring TV antenna as well. Enjoy.

3209. sdi700.zip - Super-Duper for IOTA by EI5DI - Contest Logger

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 06:03:40 UTC
From: okanep@iol.ie
Message-ID: <9503130603.kp10828@SimTel.Coast.NET>
Source record: 250805
Cross-posted to: comp.archives.msdos.announce,rec.radio.info,rec.radio.amateur.misc

I have uploaded to SimTel, the Coast to Coast Software Repository (tm),
(available by anonymous ftp from the primary mirror site OAK.Oakland.Edu
and its mirrors):

ftp://oak.oakland.edu/SimTel/msdos/hamradio/sdi700.zip

SimTel/msdos/hamradio/
sdi700.zip Super-Duper for IOTA by EI5DI - Contest Logger

SDI v7.00 is a contest loging program for the RSGB Islands On The Air
contest which takes place each year on the last weekend in July. It is
based on SD, the contest logging program for the major international and
dozens of smaller contests worldwide. It was used by the winners of both
the 1993 and 1994 IOTA contests and includes an IOTA reference file. SDI
is easy to use because no multiple keystrokes are needed for any of its
logging or editing functions.

Special requirements: None

Changes: Updates and bug fixes in line with SD. Improved data entry
compatibility with other contest loggers.

sdi700.zip has replaced sdi537.zip.

FreeWare. Uploaded by the author.

Paul O'Kane EI5DI
okanep@iol.ie

3210. sd700.zip - Super-Duper by EI5DI. RSGB/ARRL Contest Logger

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 06:08:16 UTC
From: okanep@iol.ie
Message-ID: <9503130608.kp11107@SimTel.Coast.NET>
Source record: 250806
Cross-posted to: comp.archives.msdos.announce,rec.radio.info,rec.radio.amateur.misc

I have uploaded to SimTel, the Coast to Coast Software Repository (tm),
(available by anonymous ftp from the primary mirror site OAK.Oakland.Edu
and its mirrors):

ftp://oak.oakland.edu/SimTel/msdos/hamradio/sd700.zip

SimTel/msdos/hamradio/
sd700.zip Super-Duper by EI5DI. RSGB/ARRL Contest Logger

SD v7.00 gives fast simple logging and editing in the major international
contests and in dozens of others worldwide. Appropriate country and
regional multiplier reference files are supplied. This FreeWare version
is good for DX entrants to RSGB contests and for DX entrants to the ARRL
DX contest. SD is easy to use because no multiple keystrokes are needed
for any of its logging or editing functions.

Special requirements: None

FreeWare. Uploaded by the author.

Paul O'Kane EI5DI
okanep@iol.ie

3211. Re: Need windows 3.1 for 286 on pactor, help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 06:45:31 UTC
From: matthewa@icebox.iceonline.com
Message-ID: <D5D9Ht.E9n@iceonline.com>
Source record: 250835

>In article <equinox-0903951536330001@lcy-ip0.halcyon.com>,
>Jonathan Haynes <equinox@halcyon.com> wrote:
>
>>I am looking for a version of Windows 3.1 that I could load onto my 286
>>machine.
>
>Jonathan, I assume you know what you are asking for is illegal and to
>the best of my knowledge, Windows 3.1 won't even run on a 286. Windows
>3.1, like most software, is protected by copyright laws.
>

Actually, Windoze 3.1 will run on a 286, but only in standard mode. As for
the legalities of giving him Windows, I agree.

--
Matthew Asham, VE7CQJ -= Team OS/2 =-
Internet: matthewa@iceonline.com
URL: http://www.iceonline.com/home/matthewa/WWW/matthewa.html
"Windoze95 - Microsoft's *NEW* 32bit virus, that requires DOS"

3212. Mods for Alinco DRM06?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 07:07:07 UTC
From: wt2@prism.gatech.edu
Message-ID: <3k0qur$pth@acmex.gatech.edu>
Source record: 250808

Anyone have any information on the new Alinco DRM06 6 meter radio.
According to a very informed source there is a mod, but this person would
not tell me what it is. I would like to know the frequency range transmit
and receive. To any Net Police out there warming up your flamers. I might
need a signal genarator and want the radio to do double duty. E-mail me if
you like.
Thanks, Bill / KC4ZUB
wt2@prism.gatech.edu

--
THOMPSON,WILLIAM C
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!wt2
Internet: wt2@prism.gatech.edu

3213. Re: PL-259 vs. N-style connectors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 07:13:47 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <795078827snz@microvst.demon.co.uk>
Source record: 250810

In article <1995Mar10.160433.2270@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us "Gary Coffman" writes:

> For very high power use, more than amateurs are allowed, the C or the
> EIA connector will be used. The C connector looks like a N connector
> on steroids, and the EIA connector uses a bolted flange. It comes
> in several sizes.

I would say it looks (certainly it connects) more like a BNC on steroids.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

3214. RE: Help on receiving USA broadcast in UK

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 07:28:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F63F4E6@smtp>
Source record: 250811

Out of local AFRTS (Armed Forces Radio and TV Service)range, the only way to get american baseball is via AFRTS transponder, C-band, 4175MHz, sound 7.4MHz. The video is B-Mac encrypted but the audio is in the clear.
Best,
Peter
pve@dg13.cec.be

3215. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 08:56:25 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.508.0008F108@WichitaKS.HMPD.COM>
Source record: 250823

In article <3jrmq6$hok@news.primenet.com> zilch0@primenet.com (Michael K. Davis) writes:
>From: zilch0@primenet.com (Michael K. Davis)
>Subject: Use AA Lithiums in your HT!!
>Date: 11 Mar 1995 08:25:42 GMT

>I have an Eveready spec sheet for their 1.5V AA Lithiums (L91 is their
>product code for these.)

Can anyone explain how they create a 1.5v lith. cell?
I thought they were inherently 3.0v cells.

3216. ANARTS RTTY NEWS BULLETIN 849 12th March 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 08:58:26 UTC
From: dave@eram.esi.com.au
Message-ID: <3k11fi$sa9@eram.esi.com.au>
Source record: 250815
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 849 12th March 1995

Sunday transmission schedule.
3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC VK2CTD (Col)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (Alan)
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB

146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

Mailbox operation on 40 metres

>From Col VK2CTD.

You will be aware that I have been transmitting an edited cw
version of the broadcast each sunday after the 40 metre
callbacks. This service was intended to help those stations
who might have missed some of the cast because of poor
propagation at the present time. I am now in a position to
leave my system in an amtor/pactor mailbox configuration after
the callbacks. The system has been tested with Jim VK2BQS and
it worked fine with him.

If you were unable to copy the cast because of propagation or
just couldn't make it at broadcast time, please call in on
amtor or pactor on 7042khz, once connected just follow the
instructions from the mailbox. The broadcast will be entered
into the mailbox as a message addressed to ANARTS and
identified as the current cast number.

I would appreciate it if one of the stations copying the rtty
cast gives it a try out. The mailbox will be left on till
approximately 7 pm local EST. This service will take over from
the cw cast which will now discontinue. If the service proves
popular I will leave other files in the mailbox such as
amtor/pactor frequency lists.

Because of the complex software of the program being used, it takes sometime to load the cast into the mailbox, so please wait about ten minutes after the callbacks before attempting to connect.

Finally, I take this opportunity to thank Clem VK6CW for his assistance and technical advice in setting up the mailbox. Thanks a lot Clem.

Cheers from Col

IPS WEEKLY REPORT
---
03 MARCH - 09 MARCH

DATE OF ISSUE: 10 MARCH 1995

DATE 03 04 05 06 07 08 09
10CM 91 89 84 84 84 81 78
A 5 14 16 5 3 4 (12 ESTIMATED)
T -3 12 -29 32 33 40 38

SOLAR ACTIVITY WAS VERY LOW ON 5TH, 7TH AND 9TH MARCH, AND LOW FOR THE REMAINDER OF THE PERIOD.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 3RD AND 9TH MARCH. FOLLOWING A SUDDEN IMPULSE OBSERVED AT APPROXIMATELY 0129UT ON 4TH MARCH, THE FIELD WAS AT UNSETTLED TO ACTIVE LEVELS, REDUCING TO UNSETTLED ON ON 5TH, AND QUIET 6TH-9TH.
IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY RANGED FROM NEAR PREDICTED MONTHLY VALUES TO 15 TO 30 PER CENT BELOW ON 3RD TO 5TH MARCH, THEN BECAME ENHANCED TO 15 PER CENT ABOVE FOR THE REMAINDER OF THE WEEK.

FORECAST (10 MARCH - 16 MARCH)

SOLAR: VERY LOW.

GEOMAGNETIC: 10 TO 13 MARCH ACTIVE TO MINOR STORM, THEN QUIET TO UNSETTLED.

IONOSPHERIC: 10 TO 13 MARCH DEPRESSED 5 TO 15 PER CENT, THEN NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

VK2SG RTTY DX NOTES FOR WEEKENDING MARCH 3RD 95(BID RTDX0303)

Our thanks this week go to: ZS5S, W2JGR, WB2CJL, WX5L, W5ZPA, W5KSI, K5ED, AA5AU, WS7I, RK9CWA, 5R8DS, IK0FVC, I5IGQ, I5KG, I5KKW, DJ3IW and the Central Europe DX Cluster DB0SPC, the K5NV DX Packet-Cluster and IK5PWJ PacketCluster.

BANDPASS:
FRIDAY 24
0026-14080 KL7XK
0105-14087 AH6HH
0122-14075 S92ZM
1112-14085 EY8WW
1207-14084 LA2QAA iota EU36
1327-14084 UN5PR
1445-14087 4X6UO
1637-14084 9Q5TT
1653-14086 UT4HZ
1144-14086 EW8OS
1214-14086 GU0SUP
1220-21081 5N3ALE Pactor
1225-21092 9Q5PL Pactor
1245-14086 CU3EM
1259-14089 P43DWC
1304-14083 EI5V
1306-14085 RA2FB
1314-14085 CO2KG
1450-14082 EZ8AX
1628-21087 3DA0CA Qsl W4DR
1706-14085 9Q5TT
1803-14085 9H1BV

MONDAY 27
1005-14085 UK8URR
1016-14084 YL2KF
1638-14087 UR5TW
2008-14084 ZD7DP
2259-14085 PJ4/K2TW

TUESDAY 28
0730-14087 UN7GY
0752-14069 SU1CR Pactor
1420-14069 VQ9SF Pactor
1244-14087 CS6CBI
1355-14087 ER3KS Moldova
1422-14082 PJ9JT
1506-14083 EW2CR
1545-14083 CU3EM
1545-14082 FR5HG
1601-14085 UX4UA
1759-14087 FG5FI
1813-14082 CU3UH
1939-14072 5N3ALE Pactor
2230-14085 8P9NX
2234-14083 WP4Q

WEDNESDAY 1
0000-14087 LU9GCX
1203-14069 TL8MS Pactor

1450-14069 OD5PL Pactor
1509-14069 VQ9GM Pactor

THURSDAY 2
0019-14083 LU8DGS
0035-14093 TE1ST
1412-14069 SU1CR Pactor
1654-14069 VQ9SF Pactor
1732-14085 EI5V

NOTES OF INTEREST:
SPRATLY, 9M0. Francesco, IK0FVC report that from 29th March to Apr. 3rd some JA's & 9M6's guys team will be active from Layang Layang Island located in the Spratly (AS-051). The call should be 9M0A, operation will on all bands and modes (NO satellite).

CONWAY REEF, 3D2. The call sign assigned to this DXpedition are 3D2CU for CW and RTTY and 3D2CT for SSB. Trip plan to start on March 24 till April 3rd.

MADAGASCAR, 5R8. A German group is active from February 25 till March 10. Calls are 5R8EH (qsl to DL5UF), 5R8EI (qsl to DL2GBT) and 5R8EJ (qsl to DF5WA). They will work on all bands from 160 to 10 meters (including WARC) on CW/SSB/RTTY.

GUERNSEY, GU. To celebrate the 50th Anniversary of Liberation from Occupying Forces, a special event station will run from 7 to 13th May 1995 with call GB50LIB. On May 9th will be 24 hour operation. Activity is on all HF bands CW, SSB and RTTY.

SOUTH SHETLANDS, VP8. While Thomas, (DL7VTS) DP1KGI op. is now on route to home, VP8CQS Andy on Arctowski Base should get soon the rtty gear (loaned from IRDXA) from Punta Arenas Chile.

The VK2SG RTTY DX NOTES are available on Internet via Telnet or FTP at ab6z.ampr.org. The directory is called \rttynote.
For next week's bulletin send your bandpass to Jules, W2JGR AT W5KSI.#NOLA.LA.USA.NA.

GL de (DX2) Luciano, I5FLN @ ZS5S.ZAF.AF

Dx & IOTA Tidbits No.183

March 3, 1995

Editor Thomas Bevenheim, SM0CNS/DU7
Villa Sea Q, Ronda
Cebu Island 6034
P h i l i p p i n e s SM0CNS AT N0JN.EVIS.PHL.OC

Others tell you where we've been; Tidbits tells you where we're going! Contributions and suggestions are always welcome.

Contributers this week: 4X4NJ, DL2GAC, DU7IDF, G4DYO, H44MS, K3ZO, N0JN, N7ET, KB8NW, OM2DX, SM4EMO, VK4AAR, XE1BEF, XW1 & WB2CHO.Thanks!

S0... WESTERN SAHARA Tim (KC0PA) operating SSB (only) on all bands. QSL will be handled up on his return home in August. Address see below!

XF0.. REVILLAGIGEDO Hector (XE1BEF) will again operate XF0C from Clarion Island on March 3-18. He will operate on CW, RTTY and SSB on all bands 160-6 meters, QSL to XE1BEF.

XW... LAOS Zorron, XW1 appeard on 14195 kHz last Friday, with this very short callsign XW1 - no suffix! He presented himself as 'a Japanese tourist in Vientiane', asking for QSL via JH1AJT.

Fred (K3ZO) writes: "Those of you worked A92Q, that is Admiral Scotty Redd, USN, K0DQ, who now commands our naval forces in the Persian Gulf/Arabian Gulf area. He used to turn in top-ten performances regularly in the CW Dx tests from the station of W3GRF."

Events Calendar

Mar 18-19 DARC World-Wide SSTV (12-12z)
Mar 18-20 BARTG Spring HF RTTY (02-02z)
Mar 25-26 CQ WPX SSB Contest (00-24z)
Apr 7-9 Ham Radio/DXPO Atlanta (Georgia)

QSL Information

A71CW Chris Dabrowski, Box 12101, Doha, Qatar

A92Q John S Redd, P O Box 116, Manama, Bahrain, Arabian Gulf

KC0PA/S0 Tim Hardy (KC0PA), 137 Kelli Circle, Byron, GA 31009, USA

XF0C Hector (XE1BEF), P O Box 231, Colima, Mexico 28000

XU7VK &
XU95HA Laszlo Szabo (HA0HW), Box 24, H-4151 Puspokladany, Hungary

XW1 Yasuo Miyazawa(JH1AJT), Box 8, Asahi-Ku,Yokohama 241, Japan

XX9TYD Leo Fry (K8PYD), 5740 N Meadows Blvd., Columbus, OH 43299-4165, USA

Islands On The Air (IOTA)

AF-003 Ascension ZD8WD March-September, QSL to G4RWD
AF-013 Malagasy 5R8.. -> March 12, DF5WA,DK1CE & DL5UF
AF-041 Chagos VQ9TN March 25-May 25, QSL to K9TNP
AN-010 Ardley DP1KGI -> March 31, QSL via DD6UAB
AS-002 Bahrain A92Q Now active, QSL to K0DQ
AS-051 Spratly DU0K April 10-16, QSL via DU9RG

NA-016 Caymans ZF2AB March 23-30, QSL to WA3FYZ
NA-022 Anguilla VP2EBN March 22-?, QSL to KA3DBN
NA-023 Br Virgin VP2V/W2GUP -> March 14, QSL to home
NA-097 Jamaica K6JAH/6Y5 March 6-22,QSL to home call
NA-098 Navassa KP1.. Late April-May
NA-105 Sint Maarten PJ7/KA3DBN March 18-30,QSL to home call
NA-115 Clarion XF0C March 3-18, QSL to XE1BEF
NA-146 St Barthelemy FJ/N9SW March 25-31,QSL to home call

OC-NEW Enggano YC4.. March 24-?
OC-NEW Talaug YC8.. June
OC-NEW Woodlark Group P2... March, QSL to DL2GAC
OC-004 Lord Howe VK9L.. March ?, QSL to DJ5CQ
OC-058 Huon FK8.. March by DL2GAC
OC-060 Rotuma 3D2.. August ? - VK4CRR
OC-074 Auckland ZL9.. March
OC-079 Belep FK8.. March by DL2GAC
OC-086 Saipan AH0W March 23-30, QSL via KE7LZ
OC-112 Conway Reef 3D2.. March 23-Apr 3 (SM6CAS &
SM7PKK)
OC-162 Shortland H44MS Now active, QSL via DL2GAC

SA-NEW Sala Y Gomez CE0... August/September by KK6EK & Co
SA-001 Easter CE0Y.. August/September by KK6EK & Co
SA-006 Curacao PJ9JT -> mid April, QSL via W1AX
SA-036 Aruba P4... March 8-13, QSL to YU1NR
SA-036 Aruba P4/KA3DBN March 10-18,QSL to home call
SA-053 San Pedro CE7LHG Til the end of May

73 Tom, SM0CNS/DU7

Coming events

March 18th-19th BARTG Spring RTTY Contest
April 1st-2nd EA WW RTTY Contest

WANT TO GET STARTED IN RTTY?

GORDON VK2AVU HAS SOME RTTY GEAR FOR DISPOSAL. IT CAN BE USED
TO GET YOU UP ON AIR OR AS SPARES FOR YOUR OWN EQUIPMENT.
GORDON HAS A SIEMENS 100 AND A TTY MODEL 32 WITH MANUALS, AND
10-12 ROLLS OF PAPER.

CONTACT GORDON MAXWELL VK2AVU QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President(Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB. Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes A.N.A.R.T.S. NEWS BULLETIN 849 12/3/95.

Inserted by VK2BQS (Jim) Vice-President ANARTS.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

3217. VK2WI Weekly News, 12th March, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 09:18:50 UTC
From: dave@eram.esi.com.au
Message-ID: <3k12lq$sfu@eram.esi.com.au>
Source record: 250828
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

Silent key

We regret to announce the passing of Victor Cole, VK2VL, of Sussex Inlet.

Vic was first licensed in 1936 in Sydney and had lived on the South Coast since 1978. He was an active WIA member all his amateur life and served a term as Divisional President.

VK2VL took a large part in the reactivation of WICEN some years ago. Since moving to Sussex Inlet he acted as South Coast WICEN Co-ordinator for many years and was also very active as radio operator and equipment officer in his local Coastal Patrol.

Our sympathies are extended to Lillias and to Barbara, Barry and their families.

Vale Vic Cole, VK2VL.

VK2 DIV. PRESIDENT'S MESSAGE

This is Michael Corbin VK2PFQ

Apologies for no Presidents Report last week but I was busy preparing for a trip to VK5.....No not at the Institutes expense, but for other reasons although I won't say Amateur Radio was not discussed. Whilst I was away the matter of Amateur Radio Licence fees were debated by the Federal Parliament. But more on that in just a moment. Since it contains the actual motion before the Parliament you might like to tape record it as I read it to you. The full implications of these motions may not be entirely clear when you first hear them. Record them and replay them at your leisure. I'll give you plenty of warning when I'm about to start.

Those of you that attended the Wyong Field Day and visited the WIA stand would have been asked to sign a petition against any increase in Amateur Radio Licence fees. You will recall that I said on a previous address that these things are really not worth the paper that they are written on.... There where a few blokes I asked to sign who reminded me of that....."But you said these things were useless?????" They cried. Well I haven't changed my mind... they are still useless.....The sole purpose of the exercise was to gauge, in real terms, the magnitude of the opposition. We collected over 500 signatures in around seven hours. A little over one signature per minute. Considering most Amateurs wanted to "chew the fat" as well I think your Council did pretty good.

Another of our efforts on the day was that we successfully stuck the same number of people, if not more, with a sticker. The messages on these were "FEE FREE AMATEUR RADIO", "VK2 DIVISION PUTTING YOUR CASE TO THE GOVERNMENT" "FIGHTING THE FEE HIKE", "PROUD TO BE A MEMBER", "THERE IS REALLY NO ALTERNATIVE"....Pretty innocent stuff you might say. No, not really. Devious might be a better word. What we really set out to do was to put the logo of the WIA on as many chests as we could..... We succeeded in adorning around 652 chests. Each sticker bore a "watermark" WIA logo behind the message. Great advertising don't you think? What do you suppose was the most popular sticker??? It was the one that said...."PROUD TO BE A MEMBER". It was most reassuring when people came up and DEMANDED to have one of these stickers. Thanks to everyone who supported us on the day.

Another exercise was to distribute a pamphlet entitled "What's going on in the VK2 Division". Obviously this contained an up to date status report of Divisional Activities. I wish to thank all members of Council who helped staff the stand on the day. The Council is so different these days I should probably list them all for you. Those present on the day were Peter Jensen VK2AQJ, Eric Van De Weyer VK2KUR, Pixie Chapple VK2KPC and her husband Henry, Peiter Kloppenburg our hardest working Councillor VK2CPK and his Sister who was visiting him from Holland, Ian Rosser VK2XB, Tony LIOLIO VK2ZLT, Eric Fossey VK2EFY. Peter Naish VK2BPN our Federal Alternate Councillor and Cesar Miranda VK2TCM.

There was a great deal more activity on the WIA stand this year than there was last year. I stress the word STAND....you'll recall that John Robinson was busy selling FM828's from the back of his Kombi van somewhere else. Apart from his input the WIA stand was EMPTY . ... OH, by the way if anyone wants/needs any spares for those 828's some will soon be available...so place your orders NOW!

The pamphlet and stickers were prepared with the assistance of CESAR MIRANDA VK2TCM and RICHARD MURNANE VK2SKY. It's easy enough to write these things and think up a few clever stickers but thoughts cannot be put into action without people who have the necessary Computer skills, the software and the machinery to produce a professional final product..... and all this.. FOR FREE!! I'd hate to think what it would have cost had we had we payed to have it done.

By now everyone would have received their copy of AR magazine which contained a copy of our submission to the Government concerning the proposed increases to Amateur Radio Licence fees. Thanks once again to all those involved in the preparation of this material, particularly the Veterans group...and I've forgotten that list of helpers once again Franklin....Sorry! Thanks also to the Editor and Publishers of AMATEUR RADIO ACTION for printing our submission in its entirety. I warned those of you that don't get AR to reserve your copy of Amateur Radio Action...Didn't I!!. Amateurs who are on a "NO Magazine" subscription will receive their copy hopefully by the end of the week.

Some people are very concerned as to the progress of our legal situation as a result of the last election... and rightly so. You will recall that I told you I had written the Deposition over the Christmas break in an effort to save money. It would have been in court by now had we been able to find all the relevant documentation.....BUT WE COULD NOT!!! The minutes of the meeting held at Doonside last February...In case you have forgotten that was the one called to debate a motion of no confidence in the Council of the day...Well the minutes of that meeting were NOT in the Official Minute Book. This has delayed us for a little time. Our inquiries eventually revealed that the minutes were left at Parramatta...there is no truth in the rumour that they were left...ON THE SAFE!!!! Anyhow we found them at the offices of the Secretarial Service which was used by the former Secretary. Thank God for that!

Again I make no apology for placing blame upon the person or persons who are responsible for these sorts of reprehensible actions. The next problem that this Division will face is that there are NO MINUTES IN THE MINUTE BOOK FOR THE LAST ANNUAL MEETING!!!!! There are none at the Secretarial Office I previously mentioned. They were not in the files... SO where are they????? At the council meeting next Friday night I intend moving that an appropriate letter be forwarded to the person responsible for preparing these Minutes. This is very very serious situation. Can anyone assist us with a tape recording???? PLEASE. This is a sincere request. I'd hate to think where this will place the Division if we not able to come up with this very necessary piece of paperwork. Really....Where will this ever end?.....and some people wonder why I criticise members of the previous Council. This Council will not take the blame for the mistakes of others. OK now on to the Business of those Licence fees.

I will now read for you the speech as delivered in Parliament on the 8th march 1995. It was previously mentioned in Parliament on 8th December 1994...It is headed up...

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX) AMENDMENT BILL 1994

Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX) AMENDMENT BILL 1994
RADIOCOMMUNICATIONS TAXES COLLECTION AMENDMENT BILL1994
Second Reading

MR. ELLIOTT (Parramatta-Parliamentary Secretary to the Treasurer) (7.10p.m.) I move:

That the bill be now read a second time.

This bill is one of a package of three bills which ammend the radiocommunications tax ;legislation to implement improvements to the radiocommunications apparatus licensing regime following the findings of a public inquiry held by the Spectrum Management Agency. The full detail of the amendments in the package is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994.

This bill amends the Radiocommunications (Transmitter Licence Tax) Act 1983 to support the proposed changes by providing for tax to be imposed in relation to transmitter licenses in various situations to give effect to the policy of giving applicants for licences greater flexibility in organising their licence arrangements.

The financial impact of the package of bills is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994. I commend the bill to the House.

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX) AMENDMENT BILL 1994

This Bill is one of a package of three bills which amend radiocommunications tax legislation to implement improvements to the radiocommunications apparatus licensing regime following the findings of a public inquiry held by the Spectrum Management Agency. The full detail of the amendments in the package is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994.

This bill amends the Radiocommunications (Receiver Licence Tax) Act 1983 to support the proposed changes by providing for tax to be imposed in relation to receiver licences in various situations to give effect to the policy of giving applicants for licences greater flexibility in organising their licence arrangements. The financial impact of the package of bills is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994. I commend the bill to the House.

RADIOCOMMUNICATIONS TAXES COLLECTION AMENDMENT BILL 1994

This bill is one of a package of three bills which amend the radiocommunications tax legislation to implement improvements to the radiocommunications apparatus licensing regime following the findings of a public inquiry held by the Spectrum Management Agency. The other two bills in this package are the Radiocommunications (Transmitter Licence Tax) Amendment Bill 1994 and the Radiocommunications (Receiver Licence Tax) Amendment Bill 1994.

There has been some concern by some apparatus licensees, particularly amateur radio operators, that changes proposed as a result of the Spectrum Management AGency's public inquiry will lead to significant licence fee increases. Changes to the fees for Amateur radio operators are part of broader changes to apparatus licences. Under the proposal contained in "Inquiry into the apparatus licence system; a new outlook", released in February, the fees for apparatus licenses are to be based on a combination of the administrative and maintenance costs of issuing the licence and a tax component based on the value of the spectrum used.

Many apparatus licence users will see fee reductions under this formula, including the Royal Flying Doctor Service, state governments and taxi services, but some fees, such as amateur fees, were likely to increase under the draft proposal, as published. Most amateurs

were paying $37 per annum but under the formula being applied to apparatus licences in general. their annual fee would have risen by between $8 and $34 to a maximum of $71.

As part of the implementation processes for establishing a new apparatus licence regime, it has always been intended that a final round of consultation would take place before fees were set. I am pleased to announce that the SMA has further considered the level of fees to be applied to amateurs in the light of the public benefit that amateurs provide to the community, and that a lower overall fee is now proposed. In view of the training and experience in communications technology that amateurs provide to young people, and the roll that amateurs provide in maintaining communications links in time of emergency, the SMA has decided to reduce the tax component of the licence fee to the minimum level. This will reduce the fee from the proposed $71 to $51 per annum. The fee would be applied to all amateur licences.

While $51 represents a small increase on fees paid for many years by amateurs, the new fee is based on the administration and maintenance services provided to this group by the Spectrum Management Agency, including the cost of issuing the licences, managing interference to their services, issuing and registering call signs, accrediting examinations, and representing amateur interests in international negotiations. It also represents a reduction of $20, or 28 per cent, from the draft fee proposed prior to the most recent round of consultation.

While there are social benefits of amateur radio, the fee set at $51 represents more than fair value for their access, and ongoing use of large amounts of radiofrequency spectrum. The change in the level of amateur fees will not be offset by any increase in the fees paid by other radiocommunications licensees.

As part of its inquiry processes into apparatus licences, the SMA invited submissions from the public. A total of 422 were received. They covered a wide range of issues and provided a mix of views on how the apparatus licence system could be improved. Submissions were made by individuals and a range of organisations. The Wireless Institute of Australia, other amateur groups and many individual amateur licensees made submissions to the SMA.

A majority of submissions to the SMA's inquiry supported the issuing of apparatus licences for periods of up to five years, and greater flexibility for licensees in relation to the payment of licence fees, either by full up-front payment, or by annual instalments which may or may not be equal. With the commissioning of its new licensing computer system in March 1995, the SMA will be in a position to issue apparatus licences for terms of up to five years.

The proposed bills wil give spectrum users greater flexibility in organising their licensing arrangements. Under the amendments

proposed in the three bills, an applicant for an apparatus licence or a licensee will be able to choose between the following tax options;

(i) for an apparatus licence issued for a period a 12 months, payment of the annual licence fee current at the time the licence is issued;

(ii) for a licence issued for a period of more than 12 months, payment at the time of issue of the total licence fees;

(iii) for a licence issued for a period of more than 12 months, payment of an annual instalment upon issue and on each anniversary of the date of issue during the term of the licence; or

(iv) for a licence issued for a period of more than 12 months, where the licensee has previously elected to pay by annual instalments, and then decides to pay the balance of the licence fees, payment of the balance on the next occurring anniversary of the issue of the licence.

The Radiocommunications (Transmitter Licence Tax) Amendment Bill and the Radiocommunications (Receiver Licence Tax) Amendment Bill provide for the imposition of tax under each of there options.

The Radiocommunications Taxes Collection Amendment Bill amends the Radiocommunications Taxes Collection Act 1983 to set out the time the tax becomes payable under each option.

Where a licensee defaults on a payment of tax, the licensee will have failed to comply with the act, which would allow suspension or cancellation of the licence.

The Radiocommunications Taxes Collection Amendment Bill includes an amendment which will enable the SMA to determine that an interest penalty is payable by a licensee who is paying tax upon each anniversary of the issue of the licence, but does not pay upon the due date for an anniversary. Such a determination will be disallowable by the parliament.

The Radiocommunications (Transmitter Licence Tax) Amendment Bill and the Radiocommunications (Receiver Licence Tax) Amendment Bill include a provision which will impose tax if a default persists for 60 days following the anniversary payment due date. The amount of tax would reflect the total amount payable over the remaining period of the licence

It is not possible to make a firm estimate of the financial impact of the proposed amendments as it is impossible to estimate accurately what percentage of licensees will take up the option of apparatus licences of more that 12 months when that option is made generally available to licensees and, of those, what proportion will elect to pay the full fee up-front, rather than pay on each anniversary during the currency of the licence.

The overall intention for the legislative package is to provide more flexible methods of paying licence fees for licensees, with no net

loss of revenue over the period of the licence. I commend the bill to the House.

Well there you have it $51 not $71 for an Amateur Radio Licence. Is this good news.....I'll let you be the judge. Some interesting points arise from this information:

(i) There will now, under this proposal, be no different fees as was proposed...i.e. Full, Novice and Limited will all pay the same.

(ii) Full calls...$20 cheaper..Proposal was $71
(iii) Limited and Intermediate...$19 cheaper...Proposal was $70
(iv) Novices and Novice Limited..$6 DEARER ...Proposal was $45
(v) Discount equals the total amount payable under the original Proposal

Observation: This is as I told you way back in December a "CONSUMER TAX".....Nothing else. This Division will not accept this proposal lying down. The fight is not over......Consider this.... The lower house does not sit again for another TWO WEEKS!!!! If I am not mistaken the matter has to go to the upper house for ratification. Hmmmmmmmmmm!!!!!!

THE GOVERNMENT DOES NOT HAVE THE NUMBERS IN THE UPPER HOUSE.....THE OPPOSITION with the support of the minority parties can beat this. SO....get your pens and pencils out again....Write to those opposition people AGAIN. This division will write to the leader of the opposition and enlist his help. The ball is once again in our court. It is not as if I'm ungreatful for the reduction in fees. I only wish some of those Politicians had taken the trouble to answer our letters or even given us a 'phone bill... It's really those CB'ers getting off scot free....That's what grates on me as an Amateur.

Next week more on who said what to whom. Obviously this will have to be a condensed version. I deliberately read the addresss of the member for Parramatta so that everyone could understand exactly what the Government is proposing. You know its a pity that this Division and its members can't vote as a block in a Federal otherwise our Mr Elliot might just have to look for another job.

As a final note..... This Division has not received anything regarding this $51 proposal from the Federal Division, the Federal Media Liaison Officer, the Federal President OR the SMA. Hmmmmmmmm!!!!

Oh Yeah. Did you know that the WIA was 85 years old this week? There is a note from Tim Mills later in this Broadcast. I wonder why this has gone un-noticed???

See you next week

WIA examinations

The next examinations conducted by NSW Division of the WIA will be held at Amateur Radio House Parramatta, 109 Wigram St., on Sunday 2nd April 1995 at 1.00 p.m.

Applications close : Thursday 23rd March

WICEN News

WICEN members may be interested to know that next weekend is the John Moyle Field Day, and the Hunter Region at least will be taking part; will any other Region be testing their communications skills?

On the same weekend is the annual Bungonia Cave Rescue, for which Mark VK2XGK is looking for volunteers who won't necessarily have to go underground, and Mark can be contacted at work on (02) 936-8689. Following this, Hunter are meeting on the 20th March, and the end of WICEN's financial year, at which renewals are due,is on 31st March.

Events in April include the VRA Mid-Year Conference at Wooli (between Coffs Harbour and Grafton) on the weekend of 1st-2nd April; the Forster Triathlon on 9th April, and is commanded by Michael VK2CMW and Darryl VK2DAZ; the Hunter Anzac March, commanded by John VK2JRC is on 23rd April; and the Oberon Car Rally is on 29th April, with about 20 people required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388. Finally, don't forget that the increased Amateur fees are expected to come into force in April, so keep writing!

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Dural Report

With the weather kind to us this afternoon there was another attempt to install the 6m repeater antenna, and to straighten existing ones; listeners will recall that this had to be abandoned last month due to wind gusts. For safety reasons the Dural beacons were switched off at that time.

Also, if all goes according to plan there will be a test transmission on 10m FM, om 29.120 MHz; we at Dural intend to use as many bands on as many modes as we can, not only for the benefit of our listeners but also to occupy the frequencies and therefore

help keep the various intruders at bay. Thanks go to Peter VK2EMU for the transceiver that enabled this service.

More dontions have arrived at Dural; the latest acquisition is a manual and power supply for an AWA BS-50 low-band transceiver; thank you Jim VK2KQ. Should any listener have any equipment for which they have no further use then perhaps they could keep in mind the Dural station? Speaking of donations, if listeners want the 6m SSB service to return then a transceiver, crystal-locked with at least 10 watts output, will be required ...

Listeners will know that we are experiencing problems with the 160m transmitter tripping out occasionally, and RF feedback getting into the tape player as a result of the new battery-backup system; both these problems are being investigated.

Finally. listeners are reminded that the revised Australian Band Plan calls for a 20MHz split on 23 cm repeaters in line with international conventions, now that the CAA radars have vacated the band; other states have followed suit, and our own service on 1281.750 MHz must be considered. To avoid stepping on a WICEN frequency as a result of the new offset a revised frequency of 1273.500 MHz has been chosen, being the primary mobile channel; this corresponds to an input frequency of 1293.500 MHz. The paperwork for this change has already been submitted, and the repeater, being frequency-agile as the result of a generous donation from Chris Ayres of Dick Smith Electronics and many hours of work from Bob VK2YOD many years ago, will change one month after approval has been received back from the SMA.

-- Dave VK2KFU, Dural Engineer

News briefs

In a very short News Briefs this week, we note a short letter to the Sydney Morning Herald this week that made the following comment:

"Internet, Schminternet! It's just ham radio for the computer generation".

Perhaps listeners might like to write to the Herald and discuss the matter--it may be a good way to gain a little bit of publicity for Amateur Radio. Don't let those writing skills we've recently demonstrated to the politicians go to waste!

"News Briefs" looks at news items from the mainstream media that are of interest to radio enthusiasts. Thanks this week go to "The Sydney Morning Herald". If your local or regional paper runs an item of interest to Radio Amateurs, please send a clipping to the Divisional office.

--Richard Murnane VK2SKY

A time of anniversaries

It is the 85th anniversaries in this past week of two Australian institutions.

On the 8th March 1910, the Mitchell Library was opened in Sydney. Formed around the Australiana collection of some 61,000 books, as well as thousands of pictures, manuscripts and maps from the library of Mr. D.S. Mitchell who had passed away in 1907, the collection has grown to become, it is considered, the world's greatest source of Australian documentary records.

Two days later in 1910 and a couple of city blocks south west of the Mitchell Library, a group of wireless experimental enthusiasts were meeting in the Hotel Asutralia, to form an organisation to fight the government of the day who were attempting to charge them a licence fee of several pounds, a high sum of money in those days, for the right to conduct Wireless experiments and the use of the airwaves.

The convenor of the meeting was Mr. Taylor and from those attending they formed an organization to oppose the government levy and obtain a fair hearing.

That organization, formed on the 10th March 1910, was to become the Wireless Institute of Australia, who, at this present time are again in consultation with the agencies of the government of the day on the matter of licence fees and the steep proposed increases in the annual levy.

submitted by Tim Mills VK2ZTM

IPS report

IPS WEEKLY REPORT
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03 MARCH - 09 MARCH

DATE OF ISSUE: 10 MARCH 1995

INDICES:
DATE 03 04 05 06 07 08 09
10CM 91 89 84 84 84 81 78
A 5 14 16 5 3 4 (12 ESTIMATED)0
T -3 12 -29 32 33 40 38

SOLAR ACTIVITY WAS VERY LOW ON 5TH, 7TH AND 9TH MARCH, AND LOW FOR THE REMAINDER OF THE PERIOD.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 3RD AND 9TH MARCH. FOLLOWING A SUDDEN IMPULSE OBSERVED AT APPROXIMATELY 0129UT ON 4TH MARCH, THE FIELD WAS AT UNSETTLED TO ACTIVE LEVELS, REDUCING TO UNSETTLED ON ON 5TH, AND QUIET 6TH-9TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY RANGED FROM NEAR PREDICTED MONTHLY VALUES TO 15 TO 30 PER CENT BELOW ON 3RD TO 5TH MARCH, THEN BECAME ENHANCED TO 15 PER CENT ABOVE FOR THE REMAINDER OF THE WEEK.

FORECAST (10 MARCH - 16 MARCH)

SOLAR: VERY LOW.

GEOMAGNETIC: 10 TO 13 MARCH ACTIVE TO MINOR STORM, THEN QUIET TO UNSETTLED.

IONOSPHERIC: 10 TO 13 MARCH DEPRESSED 5 TO 15 PER CENT, THEN NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

Radio Science workshop

WORKSHOP ON APPLICATIONS OF RADIO SCIENCE

The Electronics Department of Macquarie University is planning a residential workshop on the applications of radio science, to be held in Canberra on the 25th to 27th July. To give you an idea of what to expect, here s an extract from the "call for papers" for the event:

"Radio science covers a huge range of technologies and industries - telecommunications, radar, imaging, biomedical applications, intelligent vehicle highway systems and radio astronomy to name just a few.

"Modern Australia is facing many challenges, with rapid development across many areas of technology. Australians have a long history of tackling and solving difficult problems, and radio science is one area in which we have excelled. One aspect of our historical strength in radio science has been the willingness and ability of workers in different fields to work together: to solve problems and create new technology by sharing ideas, methods and techniques.

"It is the aim of this workshop to provide a forum in which today's radio scientists can meet and draw on the community's combined knowledge to tackle the challenges before us. By bringing together people from various fields of radio science we hope to promote discussion, cross-pollination of ideas and a synergy that will drive us all to higher achievements."

The invited speakers and their topics are:

7 Dr Bob Frater, CSIRO - Keynote Address: "Radio Science - Is it relevant? A commentary on aspects of Radio Science in Australia"

7 Dr Mark Harwood, Optus - "Australian Satellite Communications - Offering New Service and Business Opportunities"

7 Dr Max Lay, VicRoads - "Intelligent Vehicle Highway Systems"

7 Dr Ken McCracken, Jellore Technologies - "Radio Propagation (1kHz-10GHz) Through the Earth in Mineral Exploration and Mining"

7 Dr Ray Norris, Australia Telescope National Facility - "Cross-fertilisation Between Pure and Applied Research: Can Industry Benefit from Australian Radio Astronomy?"

7 Dr Nick Stacy, Defence Science and Technology Organisation - "Synthetic Aperture Radar"

Anyone who would like to present a paper at the workshop should contact the organisers, with a 1-page abstract of their paper, by 3 April.

For more information about the Workshop, you can contact: Jodi Steel, WARS '95 Organising Committee, Electronics Department, Macquarie University NSW 2109.

Club news: Summerland

Summerland Amateur Radio Club

The thirtysixth Annual General Meeting of the Summerland Amateur Radio Club resulted in the following persons being elected to the various positions;

President .. VK2HE, Ken. Vice-President .. VK2CGY, John.
Secretary .. VK2TEK, Peter. Treasurer .. VK2JAY, Karlene.
Publicity Officer .. VK2GJ, Graeme
Committee Members .. VK2TMT, Mike and Bert Suesskow.

Information on club activities may be obtained from .. Ken, 244771, Peter, 224074, or Graeme, 851336.

The Clubrooms, at 412 Richmon Hill Road Goonellabah, are open on Thursday nights and Sunday afternoons.

The Club's postal address is .. P.O. Box 524, Lismore NSW 2480.

Club news: Central Coast

Central Coast Amateur Radio Club

The Central Coast Amateur Radio Club advises that their next meeting will be this Friday, at the Club rooms, Dandaloo Street, Kariong, starting at 8pm.

There will be a lecture on the Global Positioning System (GPS).

Submitted by Bob VK2XRF

Club news: Waverley

Waverley Amateur Radio Society

The Waverley Amateur Radio Society is celebrating this year the completion of 75 years as a radio club.

The club meets regularly in their club rooms and conducts training courses in telecommunications for amateurs. The club will be having a presentation made by Mr. Michael Stubbs-Race (VK2ASR) on Satellite Remote Imaging using the QFAX IBMPC Program. He will show how easy it is to receive satellite images using a receiver and display the images using a computer. Advice will be given on how to build your own equipment or how to obtain commercial equipment for those who don't have the expertise. Remote imaging is proving very popular for those who want to be involved with satellites and earth resources monitoring including the weather.

The meeting will be held at 7:30 p, on Wednesday the 15/3/95 at the Club Premises, Vickery Avenue, Rose Bay (the Scout Hall opposite the Woollahra Sailing Club).

Simon Buxton - VK2EII - Publicity Officer

Club news: Manly-Warringah

The next meeting of the MANLY-WARRINGAH RADIO SOCIETY this coming Wednesday will feature a visit to the ATV studios of the Gladesville Amateur Radio Club. Due to space restrictions, numbers are limited for this visit, but there are still places available. Please note that the visit will start at about 7:30pm at the Gladesville club premises.

Members wishing to take part in the visit should contact the Manly-Warringah publicity officer, Richard VK2SKY, at work on 807-0656, before Wednesday.

--Richard VK2SKY

Club news: Radio Veterans

Radio Veterans meeting

Frank VK2DYP advises that the Radio Veterans meeting is at Parramatta on Thursday, starting at 11am.

Coming events

COMING EVENTS

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Shortwave Listeners...

Proposed new Amateur licence fees were due to come into effect on the first of March, but this has been delayed until late April -- so please

keep writing!

Liverpool and Districts ARC meeting . . . . . Tuesday
Waverley ARC meeting . . . . . Wednesday
Manly-Warringah Radio Society visit to Gladesville ARC . . . . Wednesday
Divisional Council meeting . . . . . Friday
Bungonia Cave Rescue exercise (WICEN--Mark VK2XGK) . . . . . Sat-Sunday
John Moyle Field Day . . . . . Saturday-Sunday
Hunter WICEN meeting (Pauline VK2GTB) . . . . . 20 March
Waverly ARC Amateur classes begin . . . . . 21 March
Divisional examinations, applications close . . . . . 23 March
Divisional Trash and Treasure Sale . . . . . 26 March

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, by fax on (02) 626-6066, or on packet to VK2SKY @ VK2AAB.

Items can also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 12th March 1995. Copyright 1995 WIA (NSW) & contributors. Material may be used elsewhere if the source is acknowledged.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

3218. Radio Shack $12 DVR IC for HF xcvrs ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 09:28:50 UTC
From: RHAREL@18.9.INTel.COM
Message-ID: <9503130928.utk23558@18.9.intel.com>
Source record: 250812

$30 Digital Voice Recorder for Yaesu HF xcvrs ?

DVR's are great for contests, calling CQ, ID'ers and a whole
bunch of other applications where you would rather push a button
than speak into the microphone.
Radio Shack is selling it's Voice Record/Playback IC (ISD1000A)
for about 12 dollars these days.
I figure it's possible to take one or two of these chips
and homebrew my own DVR and save about $200 while I'm at it.
This 28 pin IC will allow you to record and play back 20 seconds
of high quality audio.
I bought 2 of these IC's with the intention to make my own
DVR (Digital Voice Recorder) for my Yaesu FT-990 since
the Yaesu unit costs about $230 dollars and can only do
16 seconds.
I intend to use the second IC for a continuous 20 second looped
recorder to catch things I may have missed.
I'm not quite sure how to hook up the IC once I construct the
basic working circuit to the 7 pin DIN connector on the back
of the FT-990.
If there is anyone out there who has done something like this
for any of the newer Yaesu xcvrs that use the external DVR,
I'd appreciate some coaching on this.
I understand that I'll have to use a small 7805 regulator
if I plan to use the 9V coming out of the '990 since the
Radio Shach IC works on 5 Volts
Here is the pin-out for the 7 pin DIN on the '990:

1- VOICE IN
2- VOICE OUT
3- PTT
4-+9V
5- CONTROL 1 (I'm not sure how this works)
6- CONTROL 2 (" " " " ")
7- GROUND

And here are the important pins to the Radio Shack IC:

VCC (+5V)
ANALOG GROUND
DIGITAL GROUND
SPEAKER +
SPEAKER - (THE IC'S OUTPUT IS 16 OHMS)
MIC REF
MIC

AGC
CE (NORMALLY PULLED HIGH. TO GROUND TO BEGIN RECORD)
PD (" " . TO GROUND TO BEGIN PLAYBACK)
R-R (PLAY RECORD SWITCH)

Can anyone on the net help me construct this DVR for the Yaesu
FT-990 (will work with other Yaesu xcvrs) ?

Any feed back is appreciated. (
Thanks and 73,
Rich
WB2JBS

Please reply direct to:
rharel@fab8.jer.intel.com

3219. Re: Slow-scan TV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 11:32:14 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3k1afu$lmq@info4.rus.uni-stuttgart.de>
Source record: 250819

In article <3jplh7$dh9@ra.nrl.navy.mil>,
David Drumheller <drumhell@claudette.nrl.navy.mil> wrote:
> What's the minimum amount of equipment (beyond the transceiver) to do
>slow scan television?

Dave,

As you mentioned it, you need the PC too. The best program to get
is JVFAX, ver 7 (?). The program is well documented, and tells you
about the modes et.c.

Good Luck, Moritz DL5UH

3220. Multi-way Rotary Coax Relays

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 11:53:55 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <951331@microvst.demon.co.uk>
Source record: 250816
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics

I have often seen rotary motorised coax relays at swap meets and hamfests and have wondered whether they were useful. They always come "as is" with no data, although the label usually warns about 24 or so volts requirements.

Well, yesterday I succumbed to a very clean four-way relay labelled Radiall Type R582964 (and says 24Volts). If anyone has a Radiall data sheet, catalog description or a fax number for them, it would help. I believe that this was a French company that was then acquired by Transradio, a U.S. firm.

Has anyone managed to get any use out of such units?

This seems like the ideal way to get multi-band performance out of LDF5-50 or such without the cost and weight of mutiple runs.

Any help greatfully received.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

3221. Re: Alpha Bravo Charlie Delta: phonetic alphabets (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 12:13:33 UTC
From: ekukulj@srce.hr
Message-ID: <3k1ctd$97i@nippur.irb.hr>
Source record: 250817
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Brian.Kelk@cl.cam.ac.uk wrote:

[Deleted]

: ***** CROATIAN *****

: Contributor: Ivan.Drzanic@gbcon.g-box.fido.hr (Ivan Drzanic)

: Adria, Biokovo, Cavtat, Dubrovnik, Europa, Frankopan,
: Gospic, Hrvatska, Istra, Jadran, Karlovac, Lika, Mostar,
: Novska, Osijek, Pula, Q, Rijeka, Split, Trgoir, Ucka,
: Vukovar, W, X, Zagreb ^^^^^^should be Trogir

ELvis

| "If we do happen to step on a mine, Sir, what do we do ?" |
| "Normal procedure, Lieutenant, is to jump 100 feet in the air and |
| scatter oneself over a wide area." |

3222. Re: GB2ATG (March 1995)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 12:57:03 UTC
From: mikech@hysteria.bri.hp.com
Message-ID: <D5Dqn4.8rx@bri.hp.com>
Source record: 250818

Actually UTC=GMT always.

BST is British Summer Time, and starts soon (about 22 March) til end-ish of September. It is our colloqual name for 'Daylight Saving' time.

Add 1 hour to GMT to get BST.

.... Mike G0UGR

3223. Re: Amateur bands for RC models ?...Been there, done that

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 14:14:11 UTC
From: s2202629@np.ac.sg
Message-ID: <3k1jvj$gbp@nova.np.ac.sg>
Source record: 250821

In article <3jhqlt$mv1@gnd0.rmc.edu>, David Tiller <dtiller@rmc.edu> wrote:

>Not a one-way transmission. Two licensed ham stations are involved - the
>transmitter, the aircraft that ID's with your call, and the receiver, you on
>the ground. The intended receiver of the signal is a ham station, not the
>general public.

I'm unfamilar with the laws govening this poster, so I'm brining up this question:

Craft has call of ham, transmitting.
Ham is on the ground, receiving.

Thus, up to a certain extent, the station is 'working himself', is this allowed?

Because over here, we aren't allowed to 'work ourself' (eg: 9V1ZY to 9V1ZY...)

Curious mind would like to know... *ponder*

3224. Re: Hams and Railfans

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 14:35:28 UTC
From: chrisf@col.hp.com
Message-ID: <3k1l7g$t8o@nonews.col.hp.com>
Source record: 250820

If you are ever in the Colorado Springs/ Denver area,
Check for local RailHAMS hanging out on 146.460 and on
wide area coverage repeater 146.970- (mostly on weekends).
In the near future, we will be testing a 9:00 AM Saturday
net on the 145.265- repeater in C.Springs. Topic of discussion?
Trains, railroading, train-chasing, history, etc.

We will also use (along with the 146.460) the 146.820- or
the 147.015+ repeaters while chasing UP3985, UP844, or
UP E-Units in the Laramie/ Cheyenne Wyoming area.

Remember, most of you non-ham railfans have scanners, so
listen in. We will move alot of information.

```
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| KB0MMV | |_|_|_____________________________ ]
|_______________| |___________________________________\|__
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=============================================================
```

Christopher Fox Colo.Springs, CO. chrisf@col.hp.com
Steam Chase Team - Amateur Radio Railfans (RailHAMS)

3225. Myth vs. Fact:NiCad Memory on national show!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 14:52:09 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.361.0007DEC5@indirect.com>
Source record: 250822

This Sunday, 3/19/95, The Ham Radio & More Show will feature a
discussion on batteries, battery chargers, and what's on the horizon
with regards to portable power. One of the larger manufacturers of
batteries will be the guest. He'll explore the often debated question of:
Do NiCads really have a memory and more?
That's Ham Radio & More at 6:00pm EST on more than 30 stations as
well as on 3 different satellites in 3 different modes. For TVRO, it's on
Spacenet 3, transponder 9, 6.8 audio. The toll free call-in number is
1-800-298-talk. More info about the show can be had at 602-241-1510.
73, Len, KB7LPW
http://www.acs.oakland.edu/barc/ham-more.html

3226. 2m/70cm Activity in Atlanta, Ga

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 14:55:57 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <795106557snz@g4kfk.demon.co.uk>
Source record: 250826

Hi all,

Could somebody please let me know the bandplans for 6m, 2m and 70cm in the Atlanta Ga area? The 1995 ARRL handbook seems a little vague on VHF/UHF bandplands. Also, are there voice repeater and packet BBS lists available for that area, and if so, from where could I get a copy?

Finally, are there any laws relating to importing radio equipment? I'm planning to import my Yaesu FT-5200, Alinco DRM06, Kenwood TS780 and possibly a Kenwood TS820S. Hopefully by the time this happens I'll have sorted out the appropriate USA licence :-)

73
Mike, G4KFK
G4KFK@GB7WIR

Sysop, The CQ Centre BBS +44 1753 595468 or 593524

3227. Re: Looking for my Father, James Hancock-HAM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 14:56:54 UTC
From: dtiller@rmc.edu
Message-ID: <3k1mfm$j9c@gnd0.rmc.edu>
Source record: 250824

Ray Hebert (FKLX81A@prodigy.com) wrote:
: My name is Ray Hebert. When I was very young(around 4 years old) my
: parents were divorced and I never heard from my father again. I am
: trying to make contact with him and wish to solicite your help in this
: search. My fathers name is James Hancock. He and my mother(Dolores
: Coody) were married and lived in Pasadena, Texas from 1964 to 1968
: approximately. I was born in 1965 in Houston, Texas.
: My mother tells me that my father was a very active HAM operator. She
: also said that he worked at the radio stations in Houston as an Engineer.

A touching story. Here are all the James Hancock's that appear in the FCC
ham database (It would have been helpful to know his year of birth and
middle initial). After this list is a list of all hancocks with J in either
their first name or middle initial - I deleted ones that were too young to
be your father. - I wish you luck!

```
% telnet callsign.cs.buffalo.edu 2000
Trying 128.205.32.2 ...
Connected to callsign.cs.buffalo.edu.
Escape character is '^]'.
Callbook v1.3 Bug reports to bowen@cs.buffalo.edu Type 'help' for help
>> more 0
>> name -f james hancock
Call-Sign: W6ATH Class: GENERAL
Real Name: JAMES B HANCOCK Birthday: APR 28, 1910
Mailing Address: 4540 OXBOW DR, SACRAMENTO, CA 95825
Valid From: JUN 21, 1988 To: JUN 21, 1998

Call-Sign: WB4VRM Class: GENERAL
Real Name: JAMES E HANCOCK Birthday: JAN 27, 1914
Mailing Address: RFD 1 BOX 11, DARLINGTON, SC 29532
Valid From: MAY 24, 1985 To: MAY 24, 1995

Call-Sign: KD4ZYS Class: TECHNICIAN
Real Name: JAMES E HANCOCK Birthday: DEC 3, 1970
Mailing Address: RT 1 BOX 795, BOSTON, GA 31626
Valid From: APR 13, 1993 To: APR 13, 2003

Call-Sign: KD4LAR Class: TECHNICIAN
Real Name: JAMES F HANCOCK Birthday: AUG 10, 1929
Mailing Address: 12271 CR 747, HANCEVILLE, AL 35077
Valid From: MAR 3, 1992 To: MAR 3, 2002

Call-Sign: KE4EGT Class: TECHNICIAN
Real Name: JAMES L HANCOCK Birthday: SEP 16, 1945
Mailing Address: 7031 PAWTUCKETT RD, CHARLOTTE, NC 28214
```

Valid From: AUG 17, 1993 To: AUG 17, 2003
>> quit
Connection closed by foreign host.
% exit
script done on Mon Mar 13 09:38:36 1995

_____ALL HANCOCKS_____

>> name hancock
Call-Sign: WA5QDI Class: ADVANCED
Previously: SAME CALL Class: GENERAL
Real Name: JOSEPH C HANCOCK III Birthday: JAN 7, 1930
Mailing Address: 623 N MAIN, GRAND SALINE, TX 75140
Valid From: JAN 27, 1987 To: JAN 27, 1997

Call-Sign: KJ6NZ Class: EXTRA
Previously: KB6UFE Class: ADVANCED
Real Name: DANNY J HANCOCK Birthday: FEB 16, 1948
Mailing Address: 241 FOLIA CT, SANTA ROSA, CA 95409
Valid From: OCT 17, 1989 To: OCT 17, 1999

Call-Sign: W6ATH Class: GENERAL
Real Name: JAMES B HANCOCK Birthday: APR 28, 1910
Mailing Address: 4540 OXBOW DR, SACRAMENTO, CA 95825
Valid From: JUN 21, 1988 To: JUN 21, 1998

Call-Sign: WB4VRM Class: GENERAL
Real Name: JAMES E HANCOCK Birthday: JAN 27, 1914
Mailing Address: RFD 1 BOX 11, DARLINGTON, SC 29532
Valid From: MAY 24, 1985 To: MAY 24, 1995

Call-Sign: KD4LAR Class: TECHNICIAN
Real Name: JAMES F HANCOCK Birthday: AUG 10, 1929
Mailing Address: 12271 CR 747, HANCEVILLE, AL 35077
Valid From: MAR 3, 1992 To: MAR 3, 2002

Call-Sign: KE4EGT Class: TECHNICIAN
Real Name: JAMES L HANCOCK Birthday: SEP 16, 1945
Mailing Address: 7031 PAWTUCKETT RD, CHARLOTTE, NC 28214
Valid From: AUG 17, 1993 To: AUG 17, 2003

Call-Sign: KB8BN Class: ADVANCED
Real Name: JERRY E HANCOCK Birthday: DEC 13, 1940
Mailing Address: RT 3 BOX 668, PICKENS, SC 29671
Valid From: FEB 20, 1990 To: FEB 20, 2000

Call-Sign: WB5SBO Class: GENERAL
Real Name: JERRY L HANCOCK Birthday: AUG 15, 1949
Mailing Address: 924 S AUSTIN, SHERMAN, TX 75090
Valid From: MAY 24, 1988 To: MAY 24, 1998

Call-Sign: KC4TD Class: EXTRA
Previously: SAME CALL Class: ADVANCED

Real Name: JERRY T HANCOCK Birthday: APR 20, 1943
Mailing Address: RT 2 BOX 362, RANDLEMAN, NC 27317
Valid From: MAY 28, 1991 To: MAY 28, 2001

Call-Sign: KD4FQB Class: TECHNICIAN
Real Name: JERRY T HANCOCK Birthday: AUG 16, 1946
Mailing Address: 419 NORTHWEST DR, DAVIDSON, NC 28036
Valid From: OCT 8, 1991 To: OCT 8, 2001

Call-Sign: WD4NBA Class: ADVANCED
Real Name: JOHN A HANCOCK Birthday: MAR 27, 1918
Mailing Address: 316 DOGWOOD DR, MOBILE, AL 36609
Valid From: JAN 12, 1988 To: JAN 12, 1998

Call-Sign: KC6FAS Class: EXTRA
Previously: SAME CALL Class: ADVANCED
Real Name: JOHN F HANCOCK Birthday: SEP 29, 1924
Mailing Address: 4440 TOLENAS RD, FAIRFIELD, CA 94533
Valid From: SEP 14, 1993 To: SEP 14, 2003

Call-Sign: WD5CWC Class: GENERAL
Real Name: JOHN L HANCOCK Birthday: SEP 2, 1944
Mailing Address: 201 GREENDELL, HIGHLAND, TX 77562
Valid From: FEB 10, 1984 To: FEB 10, 1994

Call-Sign: W6SCZ Class: GENERAL
Real Name: JOHN L HANCOCK Birthday: JUL 26, 1945
Mailing Address: 1205 MONROE, SALINAS, CA 93906
Valid From: APR 19, 1985 To: APR 19, 1995

Call-Sign: N4BQK Class: GENERAL
Real Name: JOHN R HANCOCK Birthday: MAR 3, 1931
Mailing Address: 724 REMBRANDT DR, FAYETTEVILLE, NC 28304
Valid From: SEP 4, 1984 To: SEP 4, 1994

Call-Sign: W6DGE Class: ADVANCED
Real Name: JOHN W HANCOCK Birthday: APR 11, 1909
Mailing Address: 4681 VIRGINIA RD, LONG BEACH, CA 90807
Valid From: MAY 24, 1988 To: MAY 24, 1998

Call-Sign: WN2I Class: EXTRA
Previously: KE2KS Class: ADVANCED
Real Name: JOHN HANCOCK Birthday: JUL 15, 1944
Mailing Address: 6 HANA RD, EDISON, NJ 08817
Valid From: JAN 31, 1989 To: JAN 31, 1999

Call-Sign: WB4OWM Class: GENERAL
Real Name: JOSEPH F HANCOCK Birthday: JUN 3, 1917
Mailing Address: 904 WATSON LN, HENDERSON, KY 42420
Valid From: FEB 19, 1985 To: FEB 19, 1995

Call-Sign: N6APH Class: TECHNICIAN
Real Name: ROBERT J HANCOCK Birthday: FEB 8, 1942

Mailing Address: 4151 ROBON, IRVINE, CA 92720
Valid From: SEP 20, 1988 To: SEP 20, 1998
--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

3228. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 15:08:04 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3k1n4k$ije@hacgate2.hac.com>
Source record: 250825

In article 794595698snz@microvst.demon.co.uk, tgold@microvst.demon.co.uk ("Anthony R. Gold") writes:
|In article <3jhqse$s8r@hacgate2.hac.com>
| suggs@tcville.es.hac.com "Brian Suggs" writes:
|
|> Actually, it says "No provision of these rules..." It does not specify
|> whether "these rules" means part 97, or all of Title 47 of the CFR, or
|> only the subparagraphs of 97.405.
|
|Nice try but if you read it from end to end, the term "these rules" is
|applied with consistancy to the rules of Part 97. Elsewhere in Part 97,
|reference is also often made to "FCC Rules" and rarely to "FAA Rules".
|
|The key to being a good jailhouse lawyer is first to study the text.
|
|The term "these Rules" is used in connection with transmission for hire,
|protection of life and property and distress signals, amongst others.
|
|Perhaps you might find the most convincing us of the term in:
|
| 97.521 VEC qualifications. - No organization may serve as a VEC
| unless it has entered into a written agreement with the FCC. The VEC must
| abide by the terms of the agreement. In order to be eligible to be a VEC,
| the entity must:
|
| (d) Agree to assure that, for any examination, every
| examinee qualified under these rules is registered without regard to race,
| sex, religion, national origin or membership (or lack thereof) in any
| amateur service organization;
|
|If you feel that VECs examine rules less broad or more broad than all
|sections of Part 97 and only Part 97, please tell us more.

Actually, I would consider 97.521 the only occurence of the phrase "these rules" which could be used to argue it means only part 97. One occurrence does not equal "applied with consistancy". Further, even this occurrance doesn't convince me. Paragraph (d) says that the VEC will assure that the examinee who is qualified is registered without regard to x, y, z... Not that the VEC is assuring he is qualified under these rules. I don't think any of the VE's at sessions I have attended have made any attempts to verify that examinees were not representatives of foreign governments.

I'll be the first one to admit that this is just one interpretation. All I ask is that others, who are so adamant in their position of what the regulations mean, make the same admission.

Also, this whole line of discussion was secondary to the issue that nothing in part 97 prohibits anyone from modifying, building, or owning radios that can transmit "out of band", except for the 11 meter power amplifier restrictions.

Oh, and be assured that I *have* studied the text. :)

-Brian AC6GV, ARRL and GLAARG accredited VE

3229. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 15:23:23 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3k1o1b$ije@hacgate2.hac.com>
Source record: 250827

In article 23246@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
|In article <3jhqse$s8r@hacgate2.hac.com> suggs@tcville.es.hac.com writes:
|>In article 6970@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
|>>>Of course you know that the rules also say that no provision of part
|>>>97 prevents the use of any means needed to get help in an emergency.
|>>>(97.405)
|>
|>Actually, it says "No provision of these rules..." It does not specify
|>whether "these rules" means part 97, or all of Title 47 of the CFR, or
|>only the subparagraphs of 97.405.
|
|You are correct. However, provisions generally applicable to all of
|CFR47 appear in Part 2. Wording similar to 97.405 is found in some,
|but not all, other parts of CFR47. My interpretation of the intent
|of that expression is to apply only to the particular part in which
|it is found since that is the pattern of intent found in other places
|in CFR47 where such expressions are used.
|

Fair enough. I'm not saying my interpretation is the only one, only
that it is a logically valid one. I would guess that the main source
of trouble for someone involved in such a situation wouldn't come from
FCC rules at all anyway, but rather from state or local laws concerning
interfering with police business, or something similar.

|Gary

As always, thank you for your enlightened contributions to this newsgroup!

-Brian

3230. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 16:05:12 UTC
From: kthompso@WichitaKS.HMPD.COM
Message-ID: <kthompso.511.001016A6@WichitaKS.HMPD.COM>
Source record: 250843

>: >I have an Eveready spec sheet for their 1.5V AA Lithiums (L91 is their
>: >product code for these.)

>: Can anyone explain how they create a 1.5v lith. cell?
>: I thought they were inherently 3.0v cells.

>I have not been able to figure that out either. I don't get it.
>I got the spec sheet from an Eveready rep at COMDEX in Las Vegas. I
>asked him and he chuckled something about how that's proprietary and they
>are the only ones who have it.

I got the same non-answer.

3231. Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 16:51:12 UTC
From: dale.piedfort@pcappbbs.com
Message-ID: <95031504001110651@pcappbbs.com>
Source record: 250829

I no longer have the article but here is the phone number of the person who can direct you to the best source for information on installation, headsets, brackets and antennas. I believe the article was the one featuring Motorcycling Amateur Radio Club (MARC) The founder and president is Ray Davis KD6FHN here is his phone number 1-714-551-1036. Tell Ray that Dale KB7UB told you to call him.. Ray will be more than happy to help you.

3232. Re: HAMS AND MOUNTAINS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 16:57:30 UTC
From: zilch0@primenet.com
Message-ID: <3k1thq$92a@news.primenet.com>
Source record: 250830

Hi:
I agree with D15UH. Unless you anticipate extended trips and can tolerate long periods off the air while your solar panel recharges your batteries or can afford to purchase and carry a huge panel, you are better off just bringing a dense power supply. To this I'd like to add: Lithiums weigh about 2/3 the weight of an alkaline for a given volume and have as much as 7 times the amp-hours depending on the load they must deliver a current to. See my other post in this newsgroup titled *Use Lithiums in you HT!!*. I posted it a couple of days ago, so you should be able to find it. Lithiums are AWESOME for mountaineering because of their tolerance for cold temperatures and AWESOME for radio because the more Amps you pull, the longer they last relative to alkalines under the same load! Be mindful of their 1.5 Amp ceiling though. If you have an application that calls for 12Volts at 6 Amps, for example, you cannot just string 4 3-Volt lithiums together in series. These four lithiums will NOT deliver 6 Amps. You would have to cross-link an additional 3 sets of 4 3-Volt lithiums in parallel to get the 6 Amps current capacity. NiCads can deliver 2 Amps per 1.2 volt cell. Alkalines are similar to lithiums in this regard, but unlike lithiums, not only do they last as long with heavy current drains, they do not deliver as constant a voltage over their life as lithiums do. Actually, the steady delivery of a rated voltage to about 90% of capacity is what NiCad's do best.

One more suggestion. I have done a lot of backpacking in the Sierra's of California. If I had to have only one radio with me for emergency purposes (if not just for fun) it would be the lightest, smallest 40-Meter CW QRP rig I could find (take your pick of several out there) used with a horizontal wire dipole at low elevation. This is ordinarily not a good idea to have a dipole close to the ground, obviously, but for emergencies, the high radiation angles that result from having the dipole far less than 3/4 wavelength above the ground, will give you terrific short-skip coverage in a 50-400 mile radius! If I were in a mountain canyon, gorge, or valley, I would much rather have this rig than a 200-Watt VHF radio and some lithiums to power it would be infinitely more useful than a VHF HT! If CW isn't appealing, consider MFJ's 10-Watt SSB QRP 20-Meter radio with a wire dipole. In either case, take Lithiums. They are usually available only in multiples of 3 Volts, but Eveready now makes a 1.5 V AA size (actually 1.7 V when new.) See my other post.

73, AB6SL

/----------------------\
Michael K. Davis

zilch0@primenet.com
MIME Attachments OK
\---------------------/

3233. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 17:05:13 UTC
From: zilch0@primenet.com
Message-ID: <3k1u09$92a@news.primenet.com>
Source record: 250831

Ken Thompson (kthompso@WichitaKS.HMPD.COM) wrote:
: In article <3jrmq6$hok@news.primenet.com> zilch0@primenet.com (Michael K. Davis) writes:
: >From: zilch0@primenet.com (Michael K. Davis)
: >Subject: Use AA Lithiums in your HT!!
: >Date: 11 Mar 1995 08:25:42 GMT

: >I have an Eveready spec sheet for their 1.5V AA Lithiums (L91 is their
: >product code for these.)

: Can anyone explain how they create a 1.5v lith. cell?
: I thought they were inherently 3.0v cells.

I have not been able to figure that out either. I don't get it.
I got the spec sheet from an Eveready rep at COMDEX in Las Vegas. I
asked him and he chuckled something about how that's proprietary and they
are the only ones who have it. By the way, I've noticed they are really
about 1.7V when new.

AB6SL

/---------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\---------------------/

3234. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 17:11:37 UTC
From: zilch0@primenet.com
Message-ID: <3k1uc9$92a@news.primenet.com>
Source record: 250832

Addendum to my original post:

Be mindful of lithium cell's 1.5 Amp ceiling. If you have an application
that calls for 12Volts at 6 Amps, for example, you cannot just string
four 3v lithiums together in series. These four lithiums will NOT
deliver 6 Amps. You would have to cross-link an additional three sets of
foru 3v lithiums in parallel to get the 6 Amp current capacity.
Nicad's can deliver 2 Amps per 1.2 volt cell.
Alkalines are similar to lithiums in this regard, but unlike lithiums,
not only do they not last as long with heavy current drains, they
do not deliver as constant a voltage over their life as lithiums do.
Actually, the steady delivery of a rated voltage to about 90% of
capacity is what NiCad's do best.

AB6SL
/----------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3235. Tech Support offer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 18:18:40 UTC
From: rickc@enet.net
Message-ID: <3k22a0$n77@maple.enet.net>
Source record: 250833

Free Technical Support for hand tools, tool kits, cases, wire, connectors
and diagnostic equipment for field service repair of electronic equipment.
Anything hand held used to install and maintain computers, digital and
voice networks, PBXs, radios, broadcast services, avionics, biomedical
devices, manufacturing process controls can be addressed.
Yes, my company does have a full color catalog that can be sent to you
free of charge(and only if you ask), but this offer to help Jensen
customers is free- no obligation/further junk e-mail. Jensen Tools is
recognized for providing the latest in Electronic Field Support equipment
and our interest is to hear about your problems so we can try and keep it
that way.

Richard "Rick" Checketts rickc@enet.net
Technical Support Engineer Voice:1-800-426-1194 x271
CET, KA0KZB, SCTE, AFSMI Int'l/AZ:1-602-968-6241 x271
Jensen Tools, 7815 S. 46th St. FAX: 1-800-366-9662
Phoenix, AZ 85044 Int'l/AZ:1-602-431-9173
Opinions are my own, not necessarily those of my employer
"Imagination is more important than knowledge."- Einstein

3236. Does somebody knows anything about this Crystal Controlled Rig???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 18:47:17 UTC
From: papo@briscas.gamekeeper.bellcore.com
Message-ID: <3k23vl$2c0@athos.cc.bellcore.com>
Source record: 250834

Howdy:

Ok you boatanchors fans, I need help. I'm trying out a Coner (sp?) or
Conair (sp) CW transmitter. It is crystal controlled and spouts at least
75 Watts. The price is right, 15 bucks, and I can use it for experimentation

However, does anybody know where I could find crystals for that beast or
is there a way I can just plug a box to be able to transmit in a whole band?

Regards,

--
Luis Roberto Anaya-Rivera papo@donuts0.bellcore.com
A True PL/1 Hacker papo@briscas.gamekeeper.bellcore.com
Bellcore, NJ Ham: N2ZXE+

3237. Re: No Code & Newbies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 19:44:31 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3k27av$6dp@cat.cis.Brown.EDU>
Source record: 250836

In article <monteith-0903951124090001@ttyvc.tyrell.net>,
Mike M <monteith@tyrell.net> wrote:

> I wanted to get started into amateur radio and No Code would be the way
>to go. I work 8 hours a day and drive 4hours so this would be the ticket
>to at least get started.

You know those 4 hours in the car would make excellent CW practice
tape review time....

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

3238. Re: QST magazine address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 19:45:07 UTC
From: nw2l@aol.com
Message-ID: <3k27c3$a38@newsbf02.news.aol.com>
Source record: 250838

Or, write to:

QST
c/o ARRL
225 Main St.
Newington, CT 06111

3239. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 19:46:38 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3k27eu$6iq@cat.cis.Brown.EDU>
Source record: 250837

I said:

>>And there are alot of bozos. Especially in our
>>area. Just this week I heard someone tell another
>>ham the reason he heard a Springfield MA station
>>(about 90 miles away) was due to "the snow and ice"
>>in the air helping propagation. I didn't have the heart to key up and
>>mutter the word "absorption" to him.

In article <1995Mar10.165527.2649@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>Ah, but you should have. Well maybe *you* shouldn't have, but someone
>could have explained the rudiments of propagation to him in a non-
>confrontational way that could have made for an enjoyable QSO for
>both parties.

Sorry, I guess I was mistaken that absorption was a basic concept covered
even in the Codeless tech material. Silly me.

--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

3240. Re: Which ARRL DX buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 19:59:29 UTC
From: nw2l@aol.com
Message-ID: <3k2871$a7f@newsbf02.news.aol.com>
Source record: 250839

You should keep envelopes (or credits) on file with whatever QSL bureau serves your callsign. So, yes, you will still be served by the W9 QSL bureau as long as you have a 9 callsign.

73,
Rich Moseson, NW2L
ARRL SM/NNJ

3241. *** Ham Radio Auction, CT ***

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 20:05:37 UTC
From: lavigne@uconnvm.uconn.edu
Message-ID: <3k28ih$70s@bellboy.ucc.uconn.edu>
Source record: 250840

```
The Radio Amature Socity of Norwich
Spring Auction
Where: Waterford Municipal Complex - Senior Center
Route 85
When: April 1 1995 Setup @ 9:00 AM; Auction @ 10:00 AM
Talk-in:146.67 repeater PL 156.7
```

3242. Chimney mount antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 20:16:14 UTC
From: bob.elliott@shivasys.com
Message-ID: <9503132016.0SH5O00@shivasys.com>
Source record: 250854

NE>Newsgroups: rec.radio.amateur.misc
NE>From: gary@ke4zv.atl.ga.us (Gary Coffman)
NE>Subject: Re: Chimney Mount Antenna
NE>Organization: Destructive Testing Systems
NE>Date: Fri, 10 Mar 1995 15:15:23 GMT

NE>In article <sf5b308b.020@lan.mcl.bdm.com> WWHITBY@lan.mcl.bdm.COM (WARREN
NE>WHITBY) writes:
NE>>I live in a rental house and I plan on attaching an antenna mast to my
NE>>chimney. The chimney won't be used because of a poor draft, so I don't
NE>>have to worry about soot coating the antenna. My big concern is
NE>>grounding. All of the information I have on grounding refers to towers.
NE>>Can someone let me know what would be the best way to ground the
NE>>antenna and mast?

NE>The *minimum* you can do according to the NEC is use a #8 or larger
NE>wire, run *directly* from the mast to ground with no sharp bends. The
NE>ground should be, *at minimum*, an eight foot driven rod. Now if you
NE>want *real* strike protection, you're going to have to do more, as I've
NE>outlined in several postings, but this is the minimum that Code will
NE>allow. It will offer fairly good protection to the *dwelling*, but
NE>probably won't save your equipment.

NE>Gary

Just in case the minimum is fine with you...maybe you just want CYA
coverage with your landlord? Ground rods for semi-temporary living
quarters are VERY easy. Go out and buy some 1/2 inch copper PIPE.
Preferably in 10 ft. lengths. Slip your garden hose over the end of the
PIPE and tighten down with a small size hose clamp. There should be no
reason to modify the hose for this. Hook up the hose to a water faucet
and turn the water on. What you have now is a hydrolic drill that is 10
ft. long. Simply push the rod into the ground, no hammering no sweat,
just some mud...it is up to you to decide how many of these you want and
how far to space them apart from each other. I know there will be purist
out there who will demand a SOLID rod be driven into the ground. But
lets face facts, you ground your tower, (or chimney mount) you put
polyphasers in-line with your coax, and you still don't really know if
you will get nuked by mother nature.

In the end, probably nothing will save your equipment...sleep well!

--Bob

* SLMR 2.1a * File not found. You want I should fake it? (Y/N)

3243. Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 20:16:14 UTC
From: bob.elliott@shivasys.com
Message-ID: <9503132016.0SH5S00@shivasys.com>
Source record: 250855

NE>From: cmoore@sedona.intel.com
NE>Newsgroups: rec.radio.amateur.misc
NE>Subject: Re: Need windows 3.1 for 286 on pactor, help!
NE>Date: 10 Mar 1995 01:54:44 GMT
NE>Organization: Intel Corporation, Chandler, AZ

NE>In article <equinox-0903951536330001@lcy-ip0.halcyon.com>,
NE>Jonathan Haynes <equinox@halcyon.com> wrote:

NE>>I am looking for a version of Windows 3.1 that I could load onto my 286
NE>>machine.

NE>Jonathan, I assume you know what you are asking for is illegal and to
NE>the best of my knowledge, Windows 3.1 won't even run on a 286. Windows
NE>3.1, like most software, is protected by copyright laws.

NE>I hate to rag on a group of which I am a part, but hams are the worst
NE>violators of software copyrights that I know of. Come on, guys, would
NE>you steal a car? Stealing is stealing, whether it is a car or software.
NE>--
NE>73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
NE>(Not speaking for Intel)

NE>
If I wanted to send Jonathan my copy of Windows 3.1 that I no longer
use, and delete it off my system. (which I have already done as I run
3.11 WFW) then I don't see how I am breaking any laws. I am simply
giving him my old unused copy of that program. I have removed it from my
system so it will not be installed on two systems at once. Where is the
legal problem?? And where do you get off saying Hams are the worst
violators of copyright laws? Sounds like a grave generalization to me.
Obviously you don't know any of the Hams I know...

-Bob

Go away, or I shall have to taunt you a second time.

* SLMR 2.1a * Keep honking...I'm reloading.

3244. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 20:44:25 UTC
From: kennish@kabuki.Berkeley.EDU
Message-ID: <3k2ar9$a9a@agate.berkeley.edu>
Source record: 250841

Michael K. Davis (zilch0@primenet.com) wrote:

: Ken Thompson (kthompso@WichitaKS.HMPD.COM) wrote:
: : In article <3jrmq6$hok@news.primenet.com> zilch0@primenet.com (Michael K. Davis)
writes:
: : >From: zilch0@primenet.com (Michael K. Davis)
: : >Subject: Use AA Lithiums in your HT!!
: : >Date: 11 Mar 1995 08:25:42 GMT

: : >I have an Eveready spec sheet for their 1.5V AA Lithiums (L91 is their
: : >product code for these.)

: : Can anyone explain how they create a 1.5v lith. cell?
: : I thought they were inherently 3.0v cells.

: I have not been able to figure that out either. I don't get it.
: I got the spec sheet from an Eveready rep at COMDEX in Las Vegas. I
: asked him and he chuckled something about how that's proprietary and they
: are the only ones who have it. By the way, I've noticed they are really
: about 1.7V when new.

: AB6SL

Arrrgh! I hate it when people claim things are proprietary and
they are not. The following is all out in the literature:

The Eveready L91 batteries use the Lithium
Iron-Disulfide (FeS2) chemistry. People associate lithium
with 3 volts since that is what Li MnO2 and LiCFx batteries
produce. The cell voltage is strictly a function of the electro-
chemical potential of the two half cells in the cell. Lithium
has a very high positive half-cell potential, so it is possible
to get 3 volts per cell if one uses a reasonably negative
half-cell for the cathode. The choice of FeS2 was made
so that the cell voltage was near 1.5 volts for compatibility
reasons.

These cells as pointed out have excellent low-temperature and high-
current performance. This is due to their internal
construction in addition to chemistry. These cells have a spiral
bobbin construction (like NiCds) rather than a can and plug
construction of alkaline cells. While more expensive, the
exposed surface area of the active materials is much greater
allowing for the higher currents. The electrolyte is a solution
of lithium trifluoromethane sulfonate in dimethoxyethane and
propylene carbonate, which
being non-aqueous (think about Li + H20) performs better

in sub-freezing temperatures.

The open circuit voltage of these cells can be as high as 3.65 volts
although this rapidly drops on load. This is due to the presence
of trace impurities in the FeS2 such as Ni, Cr, and Co.
Unlike NiCds, and like alkalines,
the discharge voltage is a function of percentage of charge remaining,
so the OCV can be a useful indicator of life remaining. This
is due to a multi-step discharge chemistry associated with
the FeS2 cathode.

Due to the low internal resistance of the spiral bobbin construction,
the short circuit current of the cell is well in excess of 10A.
As this degree of current would cause the cell to heat up and
eventually burst, releasing hot organic electrolyte and
metallic lithium, for safety, a Raychem resettable fuse is
integrated into the cell and limits the dischrage current
to 2.1A.

Incidentally, this chemistry was also used by Venture
Technologies in the early 80s for AAA cells for pagers.
Of course, since pagers were low-current, they used the plug
and can construction and capitalized on the low weight of
lithium. However, the cost differential didn't pay off and
those cells are no longer being made.

I personally keep a set of lithium cells in my emergency
kit as they have excellent shelf life (due to passivation of
the Li anode) and their excellent overall performance.

Cheers -

Ken

3245. * SpaceNews 13-Mar-95 *

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 21:58:23 UTC
From: magliaco@pilot.njin.net
Message-ID: <3k2f5v$994@pilot.njin.net>
Source record: 250842
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.info

SB NEWS @ AMSAT $SPC0313
* SpaceNews 13-Mar-95 *

BID: $SPC0313

=========
SpaceNews
=========

MONDAY MARCH 13, 1995

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited free distribution.

* H-II LAUNCH SCHEDULE *
========================
February 24, 1995
NASDA HQ, Tokyo

The H-II Launch Vehicle with the Space Flyer Unit (SFU) and Geostationary Meteorological Satellite-5 (GMS-5) aboard is newly scheduled to be launched as follows:

1. Primary Launch Date: March 15, 1995
2. Launch Window: 16:45 - 18:10 (JST=UTC+9h)
3. Alternative Launch Period: March 16 to 31, 1995

Regarding the malfunction having been detected in SFU, it has been recovered to the normal condition and confirmed there is no concerns with the launch. The relating organizations have agreed to settle the above new launch schedule.

[Info via Yoshiro Yamada]

* WEBERSAT NEWS *
==================
The following was copied from WEBERSAT-OSCAR-18's beacon last week:

WEBER-1>CAST <UI>:

4-Mar-95
*Collecting and Sending WOD
Week1: Array Currents Ch# 26 27 28 29 2A 2B
*Photo 8/12 Limb of the Earth
*Photo 9/13 S. Sudan
*Monday, New Spectrum

73, IK3WVJ

* STS-67 LIFTOFF DATA *
==========
STS-67 lifted off successfully with a first motion time of 02-Mar-95 06:38:13 UTC. STS-67 carries catalog number 23500 and international designation number 1995-007A.

[Info via Ken Ernandes]

* LOGGING OUT OF MIR *
==========
More and more people are trying to use the MIR PMS these days, and that is fine if we all follow some simple rules.

How many times have you seen a whole MIR pass full of <<DM>> messages (DM-Disconnect mode) and no data, and it appears that know one is logged in? Well, in reality, someone is logged in, but may have gone out of range of MIR and is unable to logout of the MIR PMS. This results in the PMS that is tied up until the PMS idle timer expires and forces a disconnect to the out-of-range station. After 8-10 minutes, MIR will try to force out the missing station with ten (10) <<D>> (D-Disconnect request) packets. After the last <<D>> packet, MIR will accept the next connect request heard.

Rule: If you are connected to the MIR PMS, make sure you send the LOGOUT command (B) to MIR 2-minutes before LOS or when Mir gets below 10 degrees above the horizon. This will help prevent ruining a whole pass for the stations down range of your QTH.

Remember, only 1 station can connect to MIR's PMS at a time, ALL others must wait.

[Info via G. Miles Mann, mann@pictel.com, WF1F @ K1UGM.MA]

* SpaceNews NEWS *
==========
Maurizio Bertolino has announced that he is translating issues of SpaceNews into the Italian language and making them available free of charge on his Trance BBS in Italy. The number for the BBS is +39-11-482751.

This raises the number of languages SpaceNews is available in to five (English, French, Portugese, Spanish, and Italian). Thanks to all those who take the time to do the translations every week.

* SpaceNews AVAILABILITY *
==========
SpaceNews is a non-commercial electronic journal of interest to Amateur Radio Operators involved in satellite and other advanced areas of telecommunications. It is published every week (as time permits) and is available for unlimited circulation provided no charges are made and no profits are realized from its availability.

SpaceNews is available from a variety of different electronic sources. It is widely distributed on the Amateur Packet Radio (AMPR) network

through a system of thousands of terrestrial packet bulletin board systems around the world, and follows normal AMSAT message routing. It is also uploaded weekly to the AMSAT-OSCAR-16 digital store-and-forward "Pacsat" satellite.

SpaceNews is carried on the Usenet news service under the newsgroups of rec.radio.info, rec.radio.amateur.space, sci.space.news.

Those with Internet access can obtain the latest issue of SpaceNews by using the Unix "finger" command as follows:

finger magliaco@pilot.njin.net

Those with e-mail capabilities can receive SpaceNews by sending a blank message to infobot@infomania.com with a subject of:

#FINGER magliaco@pilot.njin.net

Archives of past SpaceNews issues are available via anonymous FTP at pilot.njin.net (IP address = 128.6.7.38). Files are located under the /pub/SpaceNews directory. Issues from 1993 and 1994 have been compressed in .ZIP files, while issues from 1995 are available individually in ASCII text form.

Many of the files available via FTP at pilot.njin.net are also available at trustno1.pc.cc.cmu.edu [128.2.41.51]. This system is a 486DX2-66 MHz PC running Linux, and can accept 100 simultaneous FTP sessions. It also carries a great deal of information relating to the television program "The X-Files".

* FEEDBACK/INPUT WELCOMED *
==========
Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107
PACKET : KD2BD @ KS4HR.NJ.USA.NA
INTERNET : kd2bd@amsat.org -or- magliaco@pilot.njin.net
SATELLITE : AMSAT-OSCAR-16, LUSAT-OSCAR-19

MAIL : John A. Magliacane, KD2BD
Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<=- SpaceNews: The first amateur newsletter read in space! -=>>

/EX

--
John A. Magliacane, KD2BD * /\/\ * Voice : 1-908-224-2948
Advanced Technology Center |/\/\/\| Packet : KD2BD @ KS4HR.NJ.USA.NA

Brookdale Community College |\/\/\/| Internet: magliaco@pilot.njin.net
Lincroft, NJ 07738 * \/\/ * Morse : -.- -.. ..--- -... -..

3246. Re: Which ARRL DX buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 22:18:53 UTC
From: blifter@ccd.harris.com
Message-ID: <3k2gcd$n3f@babylon5.ccd.harris.com>
Source record: 250844

Brian Carling (brian.carling@acenet.com) wrote:

: BY the way folks: Is anyone else having difficulty with the
: 4 Call area (two letter) incoming QSL Bureau ??????
: (Sterling Park Amateur Radio CLub, VA)

: I sent them 2 or 3 envelopes about a year ago, and I have heard
: NOTHING back from them!!

Maybe you just don't have any cards coming to you. :-) :-) :-)

I sent them some envelopes over a year also. About a month ago I finally received two envelopes back. One had like 5 cards in it, the other had 2 cards (two different callsigns). I had sent more than 300 cards via the outgoing bureau prior to sending my envelopes to the incoming bureau.

: Today I mailed them two more large envelopes, an additional
: SASE for a reply, and a letter asking them what is going on!

Don't be surprised if you don't hear from them for quite a few weeks. The letter I got with my last few cards indicated that the bureau is actually divided amongst several volunteers and that it may take several weeks for information to filter down to the person actually handling your cards.

I have decided to additionally persue other means (direct etc.) of geting a QSL card confirmation.

73, Bruce AD4TG

--
Bruce Lifter
Harris Corporation MS: R5-202
Controls Division email: blifter@ccd.harris.com

3247. Re: Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 22:35:44 UTC
From: dave@fc.hp.com
Message-ID: <3k2hc0$goa@tadpole.fc.hp.com>
Source record: 250845

Here are a few more tidbits for you:

The test QSOs will contain every one of the letters, numbers, punctuation marks, and prosigns at least once. As has been mentioned, you can pass the test either by getting at least 7 of the 10 questions right, or by having one minute of solid copy (25 consecutive characters at 5 wpm, 65 characters at 13 wpm, 100 characters at 20 wpm). Numbers, punctuation marks and prosigns do count double. Remember, any wrong or missing character resets the counter.

The twist that hasn't been mentioned yet is that you can get credit for a lower speed on a higher speed test if you have enough solid copy. For example, if you take the 13 wpm test, and have 25 consecutive characters of solid copy, you get credit for 5 wpm. Likewise, 65 characters on a 20 wpm test gets you a 13 wpm pass. That's one good reason to try a higher speed exam as a warm up. The other reason: in our session this last weekend, we convinced a candidate who came in to take 13 wpm to try the 20, and he passed it!

Here's a hint for taking your test: whenever you hear a punctuation mark, drop down and start a new line on your copy sheet. If you're copying well, it doesn't hurt, and if you're having trouble it can help you re-synchronize.

Good luck,

Dave Hodge KF0XD Hewlett Packard
dave@hpfcdjh.fc.hp.com Graphics Hardware Lab
(303) 229-2141 (voice) Workstation Systems Division
(303) 229-4515 (FAX) Ft. Collins, CO

3248. Re: Reliable transcontinental communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 23:24:58 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <BkDX2c1w165w@voxbox.norden1.com>
Source record: 250849

```
-----BEGIN PGP SIGNED MESSAGE-----

gdm@fermi.ualr.edu (Doug Mauldin) writes:

| In this case, though, the joke is on him because code is not really a
| technical skill but merely a conditioned response, and it doesn't take
| an idiot-savant to learn it. Even a psychology major could do it,
| given the motivation.

Are you sure about that? :)
-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: jgrubs@voxbox.norden1.com

iQCVAwUBL2TUe974r4kaz3mVAQHkKAP6A3z0sBwSCWY5QPmOGOb7hwm2ZMiV3/WJ
CFPKQyVrmBBzDRBwhskgWGpN7zlCXFIBOXYQDz6GhAI98fH6sDSdsJp4N05N9nVv
EOvrAZvQWlWDzahbQFqalNxy1q6x0sySS4CuulgjWx8oHRqhQARnjBBodh5Db/RC
6ez5Mew/YrI=
=6czJ
-----END PGP SIGNATURE-----
```

3249. IPS Daily Report - 13 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 23:30:30 UTC
From: rwc@ips.oz.au
Message-ID: <3k2kim$cub@flare.syd.ips.oz.au>
Source record: 250847
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 13/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 13 MARCH AND FORECAST FOR 14 MARCH - 16 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 77/16

GOES satellite data for 12 Mar
Daily Proton Fluence >1 MeV: NA
Daily Proton Fluence >10 MeV: NA
Daily Electron Fluence >2 MeV: NA
X-ray background: NA
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
14 Mar 15 Mar 16 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 14 Mar: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: minor storm

Estimated Indices : A K Observed A Index 12 Mar
Learmonth 27 4335 5532
Fredericksburg 25 26
Planetary 30 28

Observed Kp for 12 Mar: 5543 3334
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
14 Mar 15 Unsettled
15 Mar 8 Quiet to unsettled
16 Mar 8 Quiet to unsettled
COMMENT: Active conditions may occur during local night.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

13 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
14 Mar normal normal fair
15 Mar normal normal normal-fair
16 Mar normal normal normal-fair
Degraded HF comms are expected for high latitude circuits.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
13 Mar 49 15-20% enhanced, Townsvile was 15-30% above predicted
monthly values, Hobart was 15-30% enhanced during day with strong
sporadic E 4-6UT, then near predicted to 15% below with spread F at
night.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
14 Mar 50 About 15% above predicted monthly values. mufs at
hobart are expected to be near predicted to 10% depressed.
15 Mar 45 About 10% above predicted monthly values
16 Mar 40 About 10% above predicted monthly values
COMMENT: HF conditions are expected to be degraded for high latitude
circuits, enhanced conditions are expected for low latitude circuits.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3250. Re: FT-530 RX 800 MHz?? can the FT-51R do that?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-13 23:56:14 UTC
From: lgregory@cris.com
Message-ID: <3k2m2u$adi@warp.cris.com>
Source record: 250846

In article <3jq5pp$ba3@ecom4.ecn.bgu.edu>, mudaw@uxa.ecn.bgu.edu (David A. Webb) says:
>
>I have read where the FT-530 has the capability to RX 800 MHz.
>Is this true?
>Not that it applies to me, because I have a FT-51R.
>But I wonder if the 51R can be modified the same way.
>

I don't know about the FT-51R, but yes, the FT-530 can be modified to
receive 800-9?? MHz in fixed 12.5 kHz steps. It isn't very good at it,
but it's better than nothing.

73 de KD4QDP/AA

Lewis "Moose" Gregory / lgregory@cris.com / ARS: KD4QDP/AA / CIS: 76460,616

<.SIG CONSTRUCTION ZONE -- SPEED LIMIT 2400 BAUD>

Air Warrior: #6340, C-land -- 313th FS "The Flying Squirrels" / BARNEY MUST DIE

3251. Thanks to All

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 00:09:13 UTC
From: lgregory@cris.com
Message-ID: <3k2mr9$adi@warp.cris.com>
Source record: 250848

I just wanted to stop in here to say two things:

1. Thanks very much to all who responded to my "CW and Web Site ?'s" post a few weeks back with advice about taking my 13 wpm code test. Using some of the advice I got, I took my Element 1B last Saturday (3/10) and (barely :>) passed it to complete the requirements for my Advanced license. So in a few weeks, I'll become KS4??, or "The Artist Formerly Known as KD4QDP". :)

2. I got a chance to help my club, the Lynchburg (VA) Amateur Radio Club, with a SAREX contact on Sunday (3/11). The students at J.J. Fray Elementary in Rustburg, VA had a nine-minute Q&A session with one of the astronauts onboard the shuttle _Endeavour_, courtesy of a phone bridge and an Australian ham who got us a wonderful signal for the whole session. I tell ya, if seeing children's eyes light up when they hear a real live astronaut talking *right to them* doesn't make you feel glad you got your ticket...you're clinically dead.

73 de KD4QDP/AA, Richmond, Virginia

Lewis "Moose" Gregory / lgregory@cris.com, moose@infi.net / CIS: 76460,616

<.SIG CONSTRUCTION ZONE -- SPEED LIMIT 2400 BAUD>

Air Warrior: #6340, C-land -- 313th FS "The Flying Squirrels" / BARNEY MUST DIE

3252. Re: Radio Shack $12 DVR IC for HF xcvrs ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 00:52:21 UTC
From: horrock@aol.com
Message-ID: <3k2pc5$ede@newsbf02.news.aol.com>
Source record: 250850

There is an upgraded 1000 chip that has a much longer record time.
You'll have to call National Semiconductor for the exact number
but I believe its ISD2000A. It is cheaper than ganging up
multiple 1000s.

Regards.

3253. Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 01:05:03 UTC
From: andy@pythagoras.org
Message-ID: <3k2qdu$69i@news.internex.net>
Source record: 250851

Has anyone put together a weather radar system using ham radio?

3254. San Bernadino, CA Repeater Freqs Needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 01:14:27 UTC
From: wwhitby@aol.com
Message-ID: <3k2qlj$eqm@newsbf02.news.aol.com>
Source record: 250852

I am going to be visiting relatives in Highland, California (San Bernadino County). I plan on taking my dualband 2m/70cm HT with me. Can anyone provide me with a list of 2m machines and open 70cm machines that I can make it in to?

Please e-mail me direct, as I may not be reading R.R.A.M. for the rest of the week.

tnx in advance,

Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
Ham radio: KE4ITL

"For whosoever shall call upon the name of the Lord shall be saved."
Romans 10:13

3255. Re: NAVTEX question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 01:45:35 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3k2sfv$73h@acme.freenet.columbus.oh.us>
Source record: 250853

piper (piper@blkbox.COM) wrote:
: Help please! I am located in Central michigan <at CMU> and I have been
: trying to receive NAVTEX bulletins and I have been unsuccessful. I have
: two sources that conflict each other with frequencies bu both agree on LSB.
: Can anyone offer a "for sure" frequency and time? Or any other help?

518 KHz is the nominal frequency. LSB is correct for decoders
set normally. The transmissions are about every 20 minutes, and
should be receivable in Central Michigan during nighttime hours.
They are not continuous, and from all over the country and in fact
world, so you may have to listen an hour or two before you get
good copy. Remember that the decoder, whatever you have, runs
on two audio frequencies about 200 Hz apart. Many accept 2025 and
2225 Hz or thereabouts, so a digital receiver will read 518+2=520
lHz, but yours may be different. GL and 73 Gerry K8EF@W8CQK.OH.USA.NA

3256. Best of Net - This Week'

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 01:46:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8000.545@acenet.com>
Source record: 250863

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DS>Please check into the net and meet Bob Heil.

DS>If you have a suggestion for a guest or question to a guest you may leave it
DS>here

DS>Happy Hamming

DS>DON DON KO4TA

Hey DOn Don - here's a suggestion for a guest on your talk show:
What about Glen Baxter, K1MAN. You could chat all about the legality
of on-air talk shows <grin!>

 SLMR 2.1a I've told you a million times not to exaggerate!

3257. T-Hunt Class/Fremont, CA.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 01:56:02 UTC
From: teixeira@ccnet.com
Message-ID: <3k2t3i$3ak@ccnet3.ccnet.com>
Source record: 250856

There will be a T-Hunt class 3/18/95 in Fremont, CA. The start will be at the Lagoon, Lake Elizabeth at Central Park. Time 1PM to 3PM. All welcome. Contacts Chuck KE6OGH or Jim KD6DX at 147.015 repeater in Fremont.

Don N6FNL <teixeira@ccnet.com>

3258. Re: Any CB mods..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 02:44:50 UTC
From: dmlee@cris.com
Message-ID: <3k2vv2$bmt@warp.cris.com>
Source record: 250857

In <3jtedq$e4g@ccnet3.ccnet.com>, rwilkins@ccnet.com (Bob Wilkins n6fri) writes:

>: dbecker@tiger.lsu.edu (Daniel Farrell Becker) wrote:
>
>: > Looking for CB mods for informational purposes only.
>: > Dan
>
>: Yes, and I buy Playboy just for the aritcles.
> you sure spelled center-fold :-^/
>
>Bob

I'm still looking for a braille edition of Playboy -- I understand the
centerfold is OUTRAGEOUS.

My apologies for complete insensitivity and political incorrectness,
but it HAD to be said.

For those among you you appreciate the male of the species, please
substitute 'Playgirl' for 'Playboy' and political correctness and the
balance of the cosmos returns.

// David M. Lee dmlee@cris.com
//
// Bill Gates for Ferringi Grand Nagus in 1996!!
// Rule of acquisition #874 -- "Make 'em pay for the beta --
// the general release,
// AND the bug fix"

3259. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 03:40:11 UTC
From: cjds@ix.netcom.com
Message-ID: <3k336r$gr6@ixnews2.ix.netcom.com>
Source record: 250858

In <3k0cir$10s@newsbf02.news.aol.com> krisn3rqt@aol.com (Kris N3RQT) writes:

>
>My rig (a TS850) gives me the choice of using "Full Breakin",
>"Semi-Breakin", or
>no breakin at all by just putting the rig in send mode.
>
>How does one decide which of these to use and when?
>
>Is one less hard on the rig than the others?
>
>73, Kris
>

I have a TS-440, and have had QRP rigs with full break-in, and a TS-520 without full break-in.

I prefer full break-in to hear the "other end" if they want to ask a question. As others have pointed out, you hear a lot of other junk in the interim, but you can learn to ignore it.

If CW is not yet comfortable, semi-break-in is a nice way to get accustomed to the noise between pauses, then graduate to full later.

Even today, I sometimes go to semi-break-in if the band is exceptionally noisy. Find I concentrate better that way.

Good Luck!
Bill Horger, KC0IO

3260. Re: FT-530 RX 800 MHz?? can the FT-51R do that?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 03:55:01 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1303952155010001@net249.metronet.com>
Source record: 250859

In article <3jq5pp$ba3@ecom4.ecn.bgu.edu>, mudaw@uxa.ecn.bgu.edu (David A. Webb) wrote:
: I have read where the FT-530 has the capability to RX 800 MHz.
: Is this true?
: Not that it applies to me, because I have a FT-51R.
: But I wonder if the 51R can be modified the same way.

The FT530 can indeed receive 800 MHz, and does a pretty good job of it. However, as far as I can tell, the FT51R cannot receive 800 MHz. I have yet to see a post concerning modification of this radio to receive 800 MHz, plus, the Yeasu rep (fwiw) told me that it cannot be done.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI
Voice Mail: 214/246-1150

3261. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:06:25 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1303952206260001@net249.metronet.com>
Source record: 250860

: John Krohn (johnk@owl.UUCP) wrote:
: : ----------
: : I am in process of choosing a good (mid price range) antenna for use in a
: : 2M (146Mhz) repeater system.

Well, the Diamond and Comet Repeater antennas work well, but they seem to be very prone to getting blown apart during lightning storms. If you live in an area where you don't get much lightning, then they would be a good low cost choice.

The BEST repeater antenna, is, of course, a Decibel Products (DB220 I think is the model for 2 meters, DB420 for 440 MHz). These are often found used at ham fests, and can go for as little as $150. Be careful, however, since the wiring harness on these antennas is the first thing to go if it gets zapped by lightning. A new harness from DB products can run about $300, but if you know what you're doing, you can repair a bad harness.

It's interesting to note that while the gain figures on the Diamond and Comet antennas are as good as those on the Decibel Products, many field tests have proven that, hands down, the DB Products antenna is simply the best.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

3262. proper ground

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:22:00 UTC
From: richard.hernandez@richcon.com
Message-ID: <9503140033207904@richcon.com>
Source record: 250865

GC>The *minimum* you can do according to the NEC is use a #8 or larger
GC>wire, run *directly* from the mast to ground with no sharp bends. The
GC>ground should be, *at minimum*, an eight foot driven rod. Now if you
GC>want *real* strike protection, you're going to have to do more, as I've
GC>outlined in several postings, but this is the minimum that Code will
GC>allow. It will offer fairly good protection to the *dwelling*, but
GC>probably won't save your equipment.

Gary.
I have been thinking a lot about "the minimum" requirements of NEC now that my back yard is beginning to look like a copper spider webb. I recently got a copy of the Antenna Book and in the front of the book it describes a ground system that utilizes a copper wire or pipe burried around the house a few inches under ground. Would you consider this good protection?.
Also, It is usually easy to properly ground a vertical antenna at the mast but a dipole that is supposed to have a transient protection device between the antenna and transmision line sometimes is almost an imposibility to attain ie. Just recently my son and I put a dipole up 70 feet in the trees behind my house (not really in the trees but using the trees). The possibility of the top of these trees holding 70 feet of #8 or larger is slim to none not to speak of the cost for a tight budget. Any suggestions? I would appreciate any comments from anyone.

Thanks. 73's from KC4QBQ Mechanicsville, VA

---
* OLX 2.1 TD * All hope abandon, ye who enter messages here.

3263. RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:40:04 UTC
From: dgra@qmgate.ECi-esyst.COM
Message-ID: <n1416937397.65981@qmgate>
Source record: 250896

The reason most newcomers don't know anything is that you don't have to know anything to get a license. You just have to memorize the answers. IMHO, making the question pools available is a cheat. Back when I got my license in 1978, you had to go to the FCC field office and face the man with the white shirt and black tie proclaiming "So, you want to be a ham radio operator, I don't think so!" You had to LEARN it to pass the test. 73, Dana, AJ1R.

3264. Re: Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:41:14 UTC
From: cmoore@sedona.intel.com
Message-ID: <3k36pa$3io@chnews.intel.com>
Source record: 250861

In article <9503132016.0SH5S00@shivasys.com>,
<bob.elliott@shivasys.com> wrote:

>If I wanted to send Jonathan my copy of Windows 3.1 that I no longer
>use, and delete it off my system. (which I have already done as I run
>3.11 WFW) then I don't see how I am breaking any laws. I am simply
>giving him my old unused copy of that program. I have removed it from my
>system so it will not be installed on two systems at once. Where is the
>legal problem??

I'm no lawyer, but I'm pretty sure it violates the Microsoft copyright
if you upgrade from 3.1 to 3.11 and give away 3.1 Software gets stolen
all the time and I object to the practice. Can't see how you can dis-
agree.

>And where do you get off saying Hams are the worst
>violators of copyright laws? Sounds like a grave generalization to me.
>Obviously you don't know any of the Hams I know...

And I didn't say hams were the worst violators, just the worst violators
that _I_ know of. One of them may be headed for prison after a sting
operation video-taped by a local TV station.
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

3265. address change

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:47:00 UTC
From: richard.hernandez@richcon.com
Message-ID: <9503140033207905@richcon.com>
Source record: 250866

My county just went on a new 911 system and changed all addresses to enable a more logical system of numbering. Can anyone tell me what form I need with FCC to change my address? You may post here or at address below.
Thanks QC4QBQ

richard.hernandez@richcom.con

---
* OLX 2.1 TD * --T-A+G-L-I+N-E--+M-E-A+S-U-R+I-N-G+--G-A+U-G-E--

3266. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:51:13 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-1303952351130001@hideg.cc.nd.edu>
Source record: 250862

In article <marcbg-1303952206260001@net249.metronet.com>,
marcbg@metronet.com (Marc B. Grant) wrote:

> The BEST repeater antenna, is, of course, a Decibel Products (DB220 I
> think is the model for 2 meters, DB420 for 440 MHz). These are often
> found used at ham fests, and can go for as little as $150. Be careful,
> however, since the wiring harness on these antennas is the first thing to
> go if it gets zapped by lightning. A new harness from DB products can run
> about $300, but if you know what you're doing, you can repair a bad
> harness.

What about the Super Stationmaster antennas from Phelps-Dodge (now Cellwave)?

I have one on my 440 repeater in Ann Arbor, MI, and it works great.

--Steve, N8HSC
hideg.1@nd.edu

3267. Re: Does somebody knows anything about this Crystal Controlled Rig???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 04:58:38 UTC
From: turner@safety.ics.uci.edu
Message-ID: <3k37pu$48o@safety.ics.uci.edu>
Source record: 250864

In <3k23vl$2c0@athos.cc.bellcore.com> papo@briscas.gamekeeper.bellcore.com (25383-anaya) writes:

>Ok you boatanchors fans, I need help. I'm trying out a Coner (sp?) or
>Conair (sp) CW transmitter. It is crystal controlled and spouts at least
>75 Watts. The price is right, 15 bucks, and I can use it for experimentation

Sounds like a "CONAR" kit, popular transmitter and receiver kit of the
1960's. Looks like a lunch box. I don't believe it put out anywhere
near 75 watts, I think it had 40 watts input or something, probably
30 out? Not sure about that.

>However, does anybody know where I could find crystals for that beast or
>is there a way I can just plug a box to be able to transmit in a whole band?

Crystals still available, FT 243 case, from several manufacturers, many
list in QST and CQ and 73 magazine, I don't have an address here. You
can try a vfo, but you need an old one like a Heath VF-1 to drive it
properly, and might need to do a little mod to make it work.

Good luck. Look for a manual!!!

Clark
WA3JPG

3268. Re: Best of Net - This Week'

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 05:41:01 UTC
From: rwilkins@ccnet.com
Message-ID: <3k3a9d$e8b@ccnet3.ccnet.com>
Source record: 250867

Brian Carling (brian.carling@acenet.com) recently wrote
in <2a6.8000.545@acenet.com>:

: Hey DOn Don - here's a suggestion for a guest on your talk show:
: What about Glen Baxter, K1MAN. You could chat all about the legality
: of on-air talk shows <grin!>

Go for it Don! You would have the band to your self. We would all be
listening to the.... Show of Shows!

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3269. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 06:17:58 UTC
From: rkarlqu@scd.hp.com
Message-ID: <3k3cem$nn5@hpscit.sc.hp.com>
Source record: 250868

In article <3k0fkl$h7f@safety.ics.uci.edu>,
Clark Savage Turner <turner@safety.ics.uci.edu> wrote:
>In <3k0cir$10s@newsbf02.news.aol.com> krisn3rqt@aol.com (Kris N3RQT) writes:
>
>>My rig (a TS850) gives me the choice of using "Full Breakin",
>>"Semi-Breakin", or
>>no breakin at all by just putting the rig in send mode.
>>How does one decide which of these to use and when?

In many cases, the rig isn't fast enough to do full breakin at
high code speeds. Either the receiver will be muted half the time
during key up or the weighting of the transmitted code will be
light or a combination of both. In that case, you are pretty
much forced to go back to semibreakin or QRS. Case in point,
my FT-757. Abominable design makes it useless on full breakin
at any decent speed.

Rick N6RK.

3270. Re: Source of thick wall antenna mast tubing

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 06:58:37 UTC
From: Ray.Linton@bbs.mhv.net
Message-ID: <3k3eqt$d6a@over.mhv.net>
Source record: 250869

David Allen (allent@mnsinc.com) wrote:
: Can anyone point me to a source of thick wall antenna mast ubing
: in 1.25-2.0" X 15-20' that would be suitable for low-draf antenna?

: East-coast location (DCA) pfreferable.

Texas Towers (1-800-272-3467) lists high carbon steel mast tubing in
.12, .18 (and sometimes .25) wall thicknesses. The lengths range from
5' to 20' in 5' increments. These can get expensive!

The tech help number 214-422-7306. - Ray

3271. Student club DXCC status

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 09:48:10 UTC
From: torfinnh@colargol.idb.hist.no
Message-ID: <3k3ooq$jjv@astfgl.idb.hist.no>
Source record: 250870

Hello from LA1K.

Akademisk Radioklubb LA1K in Trondheim, Norway received its
'#1 Honor Roll' sticker spring 1993.

The club has a total of 366 DXCC countries for mixed.

We wonder, are there other student radio clubs interested in DX,
and what is your status?

73 from all at LA1K,

LA5IIA Johnny es LA4OFA Torfinn

(LA1K on WWW: http://www.stud.unit.no/studorg/la1k)

--

(* Torfinn Horn --- HiST/AfIN 2ELR --- Soer-Troendelag College, Norway *)
(* Addr. Fjordgt. 33, N-7010 TRONDHEIM --- Ph. +47 73513418 / 90087488 *)
(* WWW: http://colargol.edb.tih.no/~torfinnh/ *)
(* AX.25: LA4OFA@LA8GE.TRD.U.NOR.EU *)

-I am a famous skueplayer!
-Oh, a skueplayer... Where did you learn your engelsk?
-I learned it by myself.
-Yes, that we can listen!!!
The Julekalender 24/12-1994

3272. Re: Solar Electric Power for Emergencies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 11:59:16 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3k40ek$s44@info4.rus.uni-stuttgart.de>
Source record: 250895

In article <Greenberg-080395132257@greenberg-t.aero.org>,
Steve Greenberg <Greenberg@aerospace.aero.org> wrote:
>I am looking for persons and references for designing and building a solar
>electric power station, using deep cycle batteries and a trickle charging
>circuit. I'd like responses from anyone with experience and sources where
>equipment can be purchased. This will be for operating a 2m/440 rig on
>battery power only. Max. current draw is 11.2 amps on transmit. Thanks
>for the help.

Steve,

The size of panel and battery depends on the amount of transmitting
you have in mind. As a guideline, two 50 W panels will harvest about
200 Whours a day in mixed weather, and about twice as much in full
sun shine. This will give you about 1.5h transmit time...

As to the charging circuit, what you *need* is an overcharge protection.

May be you can get in touch with

Solarex
630 Solarex Court
Frederick, MD 21701

73, Moritz DL5UH

3273. B e s t o f N e t - 3/19/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 12:42:15 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.153.000B1A5E@mindspring.com>
Source record: 250874

I would like to take this opportunity to welcome all folks to the:

B E S T O F 7 5 N E T

3 . 9 7 5 m H z

E V E R Y

S U N D A Y N I G H T @ 7 : 3 0 p m

The Best of 75 Net is a net that meets on 75 meters every SUNDAY Night at 7:30 PM Eastern on 3.975 mhz.

The purpose of the net is to inform and entertain. Each week we have a special guest on the net to speak directly to the amateurs on the frequency. This is a wonderful opportunity to speak personally with these great and knowlegeable individuals in these various fields.

Every so often the Best of 75 Net, has "OPEN LINE". This is again an opportunity for you the amateur radio operator or Short Wave Listener to ask questions or express your view on the net.

Prior guests have included ; WD9HSE Bob Nelson , W5YI Fred Maia, KC9RP Hap Holly, W2NSD Wayne Green and WA6ITF Bill Pasternak

Last week's guest Bill Pasternak went for 2 1/2 hours until the net had to be closed. It was a great success and all involved had a great time. Topics ranged from amateur radio to missing persons.

- -

T H I S W E E K : 3/19/95

B O B H E I L - K 9 E I D

If you don't know who Bob Heil is then you definitely need to be a part of this net. Bob Heil is one of the more knowlegable people in the audio field. Bob has introduced a new standard of audio quality into the amateur community. In fact he is the undisputed leader in this area. Bob has many other areas of expertise as well. He is heavily involved in the Home Theatre Industry just to mention the surface. He is also a popular radio and TV personality in the St. Louis area.

Please check into the net and meet Bob Heil.

- -

N E X T W E E K 3/26/95 G O R D O N W E S T

Gordon West is responsible for sending more "no codes" into the world of amateur radio than perhaps any other man. He has written several "how to" books on licensing and will share all with those of us who would like a few pointers on getting a school program started in our area.

- -

If you have a suggestion for a guest or question to a guest you may leave it here or post it to my email. Thanks in advance to all who have helped and I look forward to some real fun in the future....

Happy Hamming

KO4TA DON DON

3274. Re: The Triple H Net (Hank's Helping Hands)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 13:14:55 UTC
From: "Chester (Chet) Bowles" <bowles@cmf.org>
Message-ID: <3k44sf$n4e@pumpelly.monad.net>
Source record: 250871

> I remembered a DX Net from the 1980s called "The Triple H Net" on 7238 that
> was anchored by a "Hank" Greenburg (W2LTP) from New Jersey.
> I also am wondering if W2LTP is still active.

> Peter Q. George (N1GGP)
> Randolph, Massachusetts

Yes, Peter, the Triple H Net is still active. It meets 365 days/year
on 7.235 +/- QRM. Net starts at 0730Z. Unfortunately, Hank died
several years ago (I never had a chance to talk with him). However,
the tradition continues.

Of course, propogation being what it is, things haven't been too
active for a while!

Chet, AA1EX (HHH # 529)
bowles@cmf.org
http://www.cmf.org

3275. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 13:21:29 UTC
From: gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE
Message-ID: <3k458p$em7@hatch.sonalysts.com>
Source record: 250876

Todd Little (little@iamu.chi.dec.com) wrote:

> In article <1995Mar10.165527.2649@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> |>In article <3jot6q$pe9@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
> |>>pgeorge@sallie.wellesley.edu (PETER Q. GEORGE) writes:
> |>>> There are a lot of NEW amateurs out
> |>>> there who are a credit to the hobby.
> |>>
> |>>And there are alot of bozos. Especially in our
> |>>area. Just this week I heard someone tell another
> |>>ham the reason he heard a Springfield MA station
> |>>(about 90 miles away) was due to "the snow and ice"
> |>>in the air helping propagation. I didn't have the heart to key up and
> |>>mutter the word "absorption" to him.
> |>
> |>Ah, but you should have. Well maybe *you* shouldn't have, but someone
> |>could have explained the rudiments of propagation to him in a non-
> |>confrontational way that could have made for an enjoyable QSO for
> |>both parties. Passing a 5 WPM beeping test wouldn't have taught him
> |>a bit more about propagation than the exam he took. Like most newcomers
> |>to the service, he's still got lots to learn. And he isn't going to
> |>learn it unless someone who knows is willing to teach, or at least
> |>point in the right direction.

> And even funnier is that VHF/UHF propagation isn't really covered until
> you hit the advanced written test. But I guess those new technicians
> should have studied that before they got on the air. :-(

> --
> 73, Member of RACES, ARRL, Arlington Communications League.
> Todd Trained weather spotter and sponsor of the Hunting Ridge
> N9MWB Elementary School Radio Club. See you on 160-1296 and OSCAR.

I don't think the airwaves are for the exclusive use of those who
can properly explain electromagnetic propagation, or know the
pin-out for an RS-232 interface, etc... If someone can have a good
time using VHF/UHF without _interfering_ with another station, I
think it's just wonderful, as long as we keep the lids off of HF.

Don't ask me about my credentials... I'll give you a hint. I got my
current callsign 10 years after being licensed the first time. I
was then a graduate student in EE.

--
****
Dr. Al Gerheim, N4QN |Opinions expressed here| Sonalysts, Inc.
gerheim@sonalysts.com |are my own. | 215 Parkway North
Work: (203)442-4355 | | Waterford CT 06385
****

3276. QSL ROUTE on IK4LZH Server: report

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 13:38:50 UTC
From: Gianluca Mazzini <gmazzini@deis.unibo.it>
Message-ID: <3k469a$aln@sirio.cineca.it>
Source record: 250872

Hello,
today the QSL INFO System for qsl route
http://promet12.cineca.it/htlzh/qsl.html
counts more than 36500 qsl info.
Everybody can help me to improve this number
by directly inserting new info or sending me
a qsl list. I hope you enjoy with this
service.

73 & DX de IK4LZH Gianluca

3277. Re: Hams and Railfans

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 13:39:16 UTC
From: gfiber@halcyon.com
Message-ID: <3k46a4$f5m@news.halcyon.com>
Source record: 250873

In article <3k1l7g$t8o@nonews.col.hp.com>, chrisf@col.hp.com (Chris Fox) says:
>
> If you are ever in the Colorado Springs/ Denver area,
>Check for local RailHAMS hanging out on 146.460 and on
>wide area coverage repeater 146.970- (mostly on weekends).
>In the near future, we will be testing a 9:00 AM Saturday
>net on the 145.265- repeater in C.Springs. Topic of discussion?
>Trains, railroading, train-chasing, history, etc.
>
> We will also use (along with the 146.460) the 146.820- or
>the 147.015+ repeaters while chasing UP3985, UP844, or
>UP E-Units in the Laramie/ Cheyenne Wyoming area.
>
> Remember, most of you non-ham railfans have scanners, so
>listen in. We will move alot of information.
>
> o o o o o o o O O O O 0 0 0 0
> 0
> _____________ ------____--____--______--_____---__
> | KB0MMV | |_|_|_____________________________]
> |_____________| |___________________________________\|__
> 0=0=0=0=0-0=0-- --0=0--(0)(0)(0)== (0)(0)(0)==0=0 __\
> ==
> Christopher Fox Colo.Springs, CO. chrisf@col.hp.com
> Steam Chase Team - Amateur Radio Railfans (RailHAMS)
>
>
I am an former Norfolk & Southern man myself.
Spent 6 years on the N&S repairing Hot Box detectors and crossing protection until they abolished my job in 1986. Was pretty interesting watching the train by just 10 feet from you while it
was traveling 60 MPH.

73' Gary Fiber

3278. QEX Publisher Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 14:00:06 UTC
From: dhinch@cello.gina.calstate.edu
Message-ID: <3k47h6$osh@cello.gina.calstate.edu>
Source record: 250877

I have seen the publication QEX mentioned in posts here; I have looked for it at the local HRO without success. Does anyone have the publisher's address & phone number? I would like to check it out. Thanks in advance.

73 Dave KE6MYC--

3279. Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 14:42:08 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <951369@microvst.demon.co.uk>
Source record: 250875

In article <3k1n4k$ije@hacgate2.hac.com>
suggs@tcville.es.hac.com "Brian Suggs" writes:

> Actually, I would consider 97.521 the only occurence of the phrase "these rules" > which could be used to argue it means only part 97. One occurrence does not
> equal "applied with consistancy". Further, even this occurrance doesn't
> convince me. Paragraph (d) says that the VEC will assure that the examinee who
> is qualified is registered without regard to x, y, z... Not that the VEC is
> assuring he is qualified under these rules. I don't think any of the VE's at
> sessions I have attended have made any attempts to verify that examinees were
> not representatives of foreign governments.

There you go again :-)

Nothing says that the VE assures anyone that the examinee is qualified. It simply says that the VE will assure that qualified examinees are registered. If the VE had another duty which was to prevent registration of the non-qualified, you would indeed have a point. The absence of a declaration with regard to being a diplomat or a spy if a defect in Form 610 and not an ambiguity in the rules. If you simply register everyone for whom you have no knowledge that they are unqualified, you will have complied with this sub-section.

> Oh, and be assured that I *have* studied the text. :)
>
> -Brian AC6GV, ARRL and GLAARG accredited VE

I appologise for appearing to imply otherwise.

--

Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

3280. Re: C connectors?? (Was: Re: PL-259 vs. N-style connectors?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:01:20 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar14.150120.19131@ke4zv.atl.ga.us>
Source record: 250886

In article <3jqmr7$dqf@netnews.upenn.edu> depolo@red.seas.upenn.edu (Jeff DePolo) writes:
>In article <3jqh5v$o6f@universe.digex.net>,
>Gary Chatters <gc@universe.digex.net> wrote:
>>In article <1995Mar10.160433.2270@ke4zv.atl.ga.us>,
>>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>>
>>>For very high power use, more than amateurs are allowed, the C or the
>>>EIA connector will be used. The C connector looks like a N connector
>>>on steroids, and the EIA connector uses a bolted flange. It comes
>>>in several sizes.
>>
>>Is this right (about C connectors)? I always thought that "C" connectors
>>were the bayonet variation of "N" connectors. A quick look at
>>the Newark catalog seems to confirm this.
>
>Something doesn't look quite right in the attribution lines above. Anyway,
>the C connector has the same surface area as an N, so I don't see
>why it would have higher power rating. There is an HN, which is a modified
>N connector made to handle higher voltages. EIA flanges are often used
>in broadcast applications and on larger cables for their high power handling
>as well as ease of pressurization across cable junctions for air lines.
>
>I'll check my Kings and Amphenol catalogs and get back to you regarding
>maximum voltage specifications between N, C, and HN.

The C connector is bigger than an N, the HN is bigger still, none of
the three will interconnect. The BNC will interconnect, but not lock,
with the N. The voltage and power limits are generally set by the
flexible cable that they are mounted to rather than the connectors
themselves. All four are rated higher than RG8 type cables.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3281. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:15:40 UTC
From: depolo@blue.seas.upenn.edu
Message-ID: <3k4bus$fvh@netnews.upenn.edu>
Source record: 250879

In article <hideg.1-1303952351130001@hideg.cc.nd.edu>,
Steve Hideg <hideg.1@nd.edu> wrote:
>In article <marcbg-1303952206260001@net249.metronet.com>,
>marcbg@metronet.com (Marc B. Grant) wrote:
>
>> The BEST repeater antenna, is, of course, a Decibel Products (DB220 I
>> think is the model for 2 meters, DB420 for 440 MHz). These are often
>
>What about the Super Stationmaster antennas from Phelps-Dodge (now Cellwave)?
>I have one on my 440 repeater in Ann Arbor, MI, and it works great.

This is getting silly.

There is no one best antenna for a repeater, just like there is no one
best antenna for HF. There are a lot of factors to weigh, including
environment, HAAT, shape of coverage area desired, terrain, maximum
power input, frequency, etc. Every repeater antenna made has its
advantages and disadvantages. A 10 dB SuperStationmaster might
be a great antenna on top of a building a few hundred feet above
surrounding terrain but may be a terrible antenna, both as far
as signal saturation as well as mechanical durability on a
10,000 foot mountaintop.
--
-=-
Jeff DePolo WN3A Twisted Pair: H:610-337-7383 W:215-387-3059 x300
depolo@eniac.seas.upenn.edu RF: 442.1 442.2 442.4 443.8 link system PL 131.8
Claim to Fame: I got the first speeding ticket on the information superhighway

3282. IOTA to NA-055 thjis weekend

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:15:48 UTC
From: brunelli_pc@delphi.com
Message-ID: <h62a2qs.brunelli_pc@delphi.com>
Source record: 250878

IOTA OPERATION - March 18-19

N1QDQ/N1QVE will be operating a mobile HF IOTA station from
NA-055. This is coastal Maine east of 69 deg W. Operations
will be centered around 3.020, 7.020, 14.020, and 21.020 on CW
and 3.860, 7.260, 14.260, 21.260, 28.460, and 28.560 on phone.
We will QSY to a WARC band if necessary, but will be working only
bands showing good propagation due to the limited nature of the
operation.

The bands have been in very bad shape lately and the prospects
are not looking especially good for the higher frequency bands,
but we will be there.

QSL direct to N1QDQ or N1QVE via callbook or buro. We hope to
have a special IOTA QSL card quickly in order to return cards ASAP.

Though this may not be the rarest of IOTA groups, but any excuse
for a road-trip is acceptable!

73 and cul

pete brunelli, N1QDQ
harry white, N1QVE

PS. - This group includes Mt Desert Island (aka Acadia NAtional Park)

3283. Re: Mods for Alinco DRM06?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:24:49 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <795194689snz@g4kfk.demon.co.uk>
Source record: 250883

Hi William,

> Anyone have any information on the new Alinco DRM06 6 meter radio.

I have one of those here. The bands a bit quiet over here, and as you
might have seen in uk.radio.amateur there is a very heated debate over
the proposed repeater network on 51 MHz.

> According to a very informed source there is a mod, but this person would
> not tell me what it is. I would like to know the frequency range transmit
> and receive. To any Net Police out there warming up your flamers. I might
> need a signal genarator and want the radio to do double duty. E-mail me if
> you like.

Simple trick to extend receive range to 40.00 - 59.99 MHz:

1/ Power the radio off
2/ Power on whilst holding in the CALL / CH. SP. button

That's it! To go back to 50.00 - 53.99 just repeat the above steps.
I have done this to my DRM06 and can confirm it works.

There's a hardware mod for extended transmit/receive. I have NOT done this,
but have been assured by the Technical Editor of a respected UK ham radio
magazine that it's ok. The coverage will become 40.000 to 72+ MHz, though
I understand that the power falls off at the top end, and the receiver
performance is lousy on the (UK only) 70.000 to 70.500 (4m) ham band:

1/ Remove the front panel (I know that's easier said than done. That's why
I haven't tried it yet!)
2/ Locate a pair of solder blobs on the pcb directly behind the display and
short them together.
3/ Re-assemble (again, easier said than done).

Hope this helps.

73
Mike
G4KFK
The CQ Centre BBS
Node 1 - 44 1753 595468
Node 2 - 44 1753 593524

3284. JRC Xcvr Repair?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:30:23 UTC
From: stan@mutadv.com
Message-ID: <stan.18.00BF6752@mutadv.com>
Source record: 250882

I'm looking for a repair shop that is competent and experienced in the repair of the JRC JST-135HP.

Stan Huntting
Boulder, CO, USA
stan@mutadv.com

3285. Re: Can I have an Internet link in a ham band?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:30:41 UTC
From: bill@cs.uofs.edu
Message-ID: <3k4cr1$ahe@gopher.cs.uofs.edu>
Source record: 250880
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3j8gns$40t@yrkpa.kias.com>, jlamar@yrkpa.kias.com (John LaMartina) writes:
|>
|> - The UHF link is being used to evade ISDN phone line charges.
|>

So what?? Isn't it time to put to rest once and for all this myth about nothing being allowed to compete with the phone company. Your 2 meter ht is being used to evade Cellular Phone charges. Your packet message from NY to Ca is being used to evade not only long distance phone charges, but also postage. Big deal.

bill KB3YV

--
Bill Gunshannon | de-moc-ra-cy (di mok' ra see) n. Three wolves
bill@cs.uofs.edu | and a sheep voting on what's for dinner.
University of Scranton |
Scranton, Pennsylvania | #include <std.disclaimer.h>

3286. Re: Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:38:36 UTC
From: jholly@cup.hp.com
Message-ID: <D5FssD.4zw@cup.hp.com>
Source record: 250881

bob.elliott@shivasys.com wrote:

: NE>From: cmoore@sedona.intel.com
: NE>Newsgroups: rec.radio.amateur.misc
: NE>Subject: Re: Need windows 3.1 for 286 on pactor, help!
: NE>Date: 10 Mar 1995 01:54:44 GMT
: NE>Organization: Intel Corporation, Chandler, AZ

: NE>In article <equinox-0903951536330001@lcy-ip0.halcyon.com>,
: NE>Jonathan Haynes <equinox@halcyon.com> wrote:

: NE>>I am looking for a version of Windows 3.1 that I could load onto my 286
: NE>>machine.

: NE>Jonathan, I assume you know what you are asking for is illegal and to
: NE>the best of my knowledge, Windows 3.1 won't even run on a 286. Windows
: NE>3.1, like most software, is protected by copyright laws.

: NE>I hate to rag on a group of which I am a part, but hams are the worst
: NE>violators of software copyrights that I know of. Come on, guys, would
: NE>you steal a car? Stealing is stealing, whether it is a car or software.
: NE>--
: NE>73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
: NE>(Not speaking for Intel)

: NE>
: If I wanted to send Jonathan my copy of Windows 3.1 that I no longer
: use, and delete it off my system. (which I have already done as I run
: 3.11 WFW) then I don't see how I am breaking any laws. I am simply
: giving him my old unused copy of that program. I have removed it from my
: system so it will not be installed on two systems at once. Where is the
: legal problem?? And where do you get off saying Hams are the worst
: violators of copyright laws? Sounds like a grave generalization to me.
: Obviously you don't know any of the Hams I know...

: -Bob

: Go away, or I shall have to taunt you a second time.

If you read the original post, Johnathan wanted someone to uuencode up
windows and send it to him. The terms of the license state not only
do you delete it from your system, destroy any and all backup copies,
but also transfer all product disks and documentation. Perhaps your
uuencoder works different than mine?

Jim

3287. I need a gizmo!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:42:18 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3k4i42$q6l@michp1.redstone.army.mil>
Source record: 250888

I have need of a gizmo, and I don't know how to go about building it.

I want to put together a device that would allow me to pipe my mobile radio audio output through my car stereo speakers, and I want the device to mute the stereo audio anytime audio comes out of the mobile. The channels need to be independent, since the dual band radio has dual audio outputs. Audio on the 2m band would mute the left stereo output and pass through the 2m audio, while the right side would do the same (independently) for the 70cm audio.

Any help or suggestions?

--
Doc Elliott
KE4KUZ
Internet: helliott@traveller.com
packet: ke4kuz@k4ry.#cenal.al.usa.noam
The opinions expressed herein are mine, and do not
reflect those of my employer or anyone else unless
specifically stated as such.

3288. Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 15:59:11 UTC
From: gdm@fermi.ualr.edu
Message-ID: <3k4egf$i3s@news.ualr.edu>
Source record: 250885

As evidence of the decline in awareness of ham radio by non-hams, I offer the following account of an incident that occurred yesterday evening:

My son, who passed his Tech exam on February 25 and received his ticket in the mail yesterday, decided to take it and his new handie-talkie to his Boy Scout troop meeting to show them off. The Scouts have historically been involved in amateur radio, right? Well, guess again. The scoutmasters confiscated his HT until after the meeting and told him not to bring it back.

I realized that some education was needed and I started immediately with the head scoutmaster. She said that they didn't object to ham radio per se, but they just didn't know what it was. (Said they thought it was a "regular" radio. I'm skeptical about that excuse.) It looks like someone is going to have to step in and let this new generation of scouts and scoutmasters know what ham radio is and isn't, and that "someone" is us.

73,
Doug K5DH

--
==
Doug Mauldin University of Arkansas at Little Rock
gdmauldin@ualr.edu Department of Applied Science

Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
==

3289. Re: Chimney mount antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 16:19:30 UTC
From: little@iamu.chi.dec.com
Message-ID: <3k4fmi$c2v@jac.zko.dec.com>
Source record: 250897

In article <9503132016.0SH5O00@shivasys.com>, bob.elliott@shivasys.com writes:
|>Just in case the minimum is fine with you...maybe you just want CYA
|>coverage with your landlord? Ground rods for semi-temporary living
|>quarters are VERY easy. Go out and buy some 1/2 inch copper PIPE.
|>Preferably in 10 ft. lengths. Slip your garden hose over the end of the
|>PIPE and tighten down with a small size hose clamp. There should be no
|>reason to modify the hose for this. Hook up the hose to a water faucet
|>and turn the water on. What you have now is a hydrolic drill that is 10
|>ft. long. Simply push the rod into the ground, no hammering no sweat,
|>just some mud...it is up to you to decide how many of these you want and
|>how far to space them apart from each other. I know there will be purist
|>out there who will demand a SOLID rod be driven into the ground. But
|>lets face facts, you ground your tower, (or chimney mount) you put
|>polyphasers in-line with your coax, and you still don't really know if
|>you will get nuked by mother nature.

I would recommend this only after other methods have failed. In particular,
washing out soil from around the ground pipe defeats its purpose. Instead,
use the copper pipe but drive it with a butterchurn motion. Make a small
hole with a shovel and add some water. Then push the pipe down into the
center of the hole with a turning motion. Pull the pipe back up a little
with a turning motion. Then repeat. You should easily be able to drive
the pipe into the ground 8-10' unless you hit a large rock. Even then,
a water drill won't help. Also note that cutting the end being driven
into the ground into a point helps in driving the pipe.

I'm told for an even better ground, pinch the end of the pipe together
before cutting into a point. Also drill a number of holes into the pipe.
Then after driving the pipe into the ground, fill it with rock salt. Every
few months, add a little more rock salt and you should have a great ground.

--
73, Member of RACES, ARRL, Arlington Communications League.
Todd Trained weather spotter and sponsor of the Hunting Ridge
N9MWB Elementary School Radio Club. See you on 160-1296 and OSCAR.

3290. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 16:22:30 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3k4fs6$fh9@news.halcyon.com>
Source record: 250887

> Local police agencies cannot confiscate amateur equipment regardless of
> the crime committed.

C'mon David...think a little bit.

If you hit someone over the head with your handheld and killed them,
could the radio not be siezed as "evidence?" (The old Motorola
"bricks" were entirely capable of this, by the way.)

Applying your logic might well give someone license to commit
murder. Fingerprints on the "murder weapon" would also be thus
inadmissable, and no proof of your culpability could be presented
in court.

You're correct. Local cops can not enforce FCC rules. I'm sure
that's what you meant to say.

3291. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 16:40:13 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3k4gtd$fh9@news.halcyon.com>
Source record: 250890

Wowsers, whatta thread! Lets remember a couple things here.

We're talking about people are who trying to be prepared to
serve their fellow citizens in an emergency. I think we can
all agree that's in the best tradition of Amateur Radio.

But I hope those same, concerned folks, would give some
consideration to the problems involved when strangers pop
up on a public safety frequency. That is also a major concern.

We've quoted the law- and had little discussion of the practicality.

The proper place for non-cops to hook up with police is the
911 telephone system. I would only hope that as much effort
would be put into that option as I've seen in this thread.

Then, knowing you've done your best in that area, do whatcha
gotta do. I may think modifying ham radios is a bad idea, but
I can't say anything bad about the goals of those who are
clipping diodes.

73!

3292. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 16:40:20 UTC
From: "Robert D. Calkins" <wa7nuu@halcyon.com>
Message-ID: <3k4gtk$gjm@news.halcyon.com>
Source record: 250891

Wowsers, whatta thread! Lets remember a couple things here.

We're talking about people are who trying to be prepared to
serve their fellow citizens in an emergency. I think we can
all agree that's in the best tradition of Amateur Radio.

But I hope those same, concerned folks, would give some
consideration to the problems involved when strangers pop
up on a public safety frequency. That is also a major concern.

We've quoted the law- and had little discussion of the practicality.

The proper place for non-cops to hook up with police is the
911 telephone system. I would only hope that as much effort
would be put into that option as I've seen in this thread.

Then, knowing you've done your best in that area, do whatcha
gotta do. I may think modifying ham radios is a bad idea, but
I can't say anything bad about the goals of those who are
clipping diodes.

73!

3293. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 16:42:09 UTC
From: kim@nntp.cadence.com
Message-ID: <D5Fvq9.3rn@Cadence.COM>
Source record: 250893

Wd0hxt (wd0hxt@aol.com) wrote:
: WOW, there sure are a lot of opinions out there.
: So let me add to the debate the following:
: Part 97 is just that-- "PART"
: It is only one small portion of 47C.F.R.
: Subparts of part 97 are there to clarify. and outling the guidlines under
: which a station may be operated as a part 97 station.
: 47 CFR 97.403 is a standard disclaimer in nearly all parts of Federal law.
: What is saying is that part 97 alone can not be used as sole justification
: to prosecute an amateur operator who operates out of band on modified
: equipment WHEN THAT OPERATION IS JUSTIFIED UNDER LAW.
: For example, an amateur radio operator who is the only operator able to
: copy a distress call on International maritime freqs could, under
: international maritime distress regulations, respond to that cal because
: it is allowed under maritime distress regulations. Provided that when an
: agency that is dually authorized to that freq IS ABLE to provide
: communications to said maritime vessle the amateur relinquishes his use of
: the freq to the authorized station. Therefore part 97 DOES NOT PROCLUDE
: the authorization under maritime law for ANY STATION to provide initial
: contact.
: What part 97.403 DOES NOT authorize is the use of the modified ham rig to
: contact the local PD in the event of an emergency on their dispatch freq
: just because it is more convenient for the operator that to use the freqs
: he is licensed for.
: Yes, under current law an amateur radio operator could modify his rig to
: operate out of band and still be ok. But, when he actually DOES operate it
: out of band he better make sure that there is NO other means available and
: that he IS AUTHORIZED UNDER SOME OTHER POINT OF LAW TO CARRY OUT HIS
: TRANSMISSION, because part 97 ALONE does not give him that authority.
: If you really want to know whether you are authorized to do it, get a copy
: of the entire 47CFR and read it, then throw in a little international
: maritime regs. Then add some Federal disaster regs. When you have read and
: understand ALL OF THOSE then you will be ready to decide if you are
: whithin you rights to transmit on certain freqs under what types of
: emergency situations.

: Ed Fairbairn
: wd0hxt@aol.com
: edf@bbs.wd0hxt.ampr.org

Ed, I think this may be the RIGHT answer. But it's a ridiculous
requirement. Who is going to do all this? Amateur radio is a
HOBBY, and I for one don't feel that it's incumbent on me to learn all
the laws for all services before trying to get emergency help. If I
try and exhaust all clearly authorized means to get help in a

life-and-death situation, and there are other, non-authorized freqs available, I think I would use them if I could. "Skin before tin before ticket" is the motto in this case. I would also let the legal system sort out the mess after, if necessary, and be willing to take responsibility for my actions, etc. After all, a radio or even a license is a small price to pay when measured against saving a life.

BTW, none of my radios are modified for TX out of band, nor do I think I will ever do the mods. I believe that my chances of ever being in the situation where TX on police dispatch frequencies was the only alternative are laughably slim. But if I ever have to, and have the means, I don't think I would ultimately let the laws or the minor consequences stop me (I would hesitate and try to evaluate the situation carefully, of course.) I'm on pins and needles waiting to hear the final outcome of the case in San Diego; I hope that ham gets his radio back eventually, and gets recognized for the hero he is. The sheriff's department involved in the confiscation is pusillanimous from what I've read. That ham should be vindicated. But if not, so be it. That would cause me and quite a few others, from what I gather, to have one notch lower esteem for the law enforcers, if not for the law itself.

There, glad I got that off my chest!

--

"Never let work interfere with your reasons for working."

Kim Helliwell

3294. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 16:52:17 UTC
From: Sebastien Baudry <i2d07a@naniut.iut-nantes.univ-nantes.fr>
Message-ID: <3k4hk1$1hk@caro.dsic.emn.fr>
Source record: 250889

gdm@fermi.ualr.edu (Doug Mauldin) wrote:

>(Said they
> thought it was a "regular" radio. I'm skeptical about that excuse.)

> 73,
> Doug K5DH

I think it was that she doesn't know , really ham is not very well
known by the public , i speak here about the situation in France,
i think that's the same in USA...

de Sebastien

3295. Help finding Ryder transmitter article

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 17:00:51 UTC
From: negaard@draagen.graceland.edu
Message-ID: <NEGAARD.95Mar14110051@draagen.graceland.edu>
Source record: 250884

A couple of months ago, someone referred me to an article by Wayne Ryder titled "A 1.8 - 30 Megahertz 100 Watt SSB Transmitter," published in 'Communications Quarterly: The Journal of Technology,' volume 4, fall 1994. I've been trying to obtain it through inter-library loan ever since, and today I finally got the bad news:

It seems that only two libraries carry the journal in question. One wants something like ten dollars (plus postage) to duplicate the article and send it. The other won't do it at all. So, I turn to the amateur radio community for assistance ($10 is a bit steep).

Is there someone out there who has the journal, could duplicate the article and mail it to me? I'd be happy to pay duplication and mailing costs in advance. Please contact me by e-mail if you can help. Thanks!

--
o David Negaard o negaard@graceland.edu
o Help Desk Technician o http://www.graceland.edu/~negaard
o 700 College Avenue o linux-phile
o Lamoni, IA 50140 o 73 de KB0PXK

3296. Who do I contact for TVI in Racine WI

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 17:16:05 UTC
From: Paulette Quick <plquick@facstaff.wisc.edu>
Message-ID: <3k4j0l$h5@news.doit.wisc.edu>
Source record: 250892

I am requesting this information for a friend.

There is alledgedly a ham causing interference to the neighbors' TV and other electronic equipment. The location is Racine, Wisconsin, which is about 25 miles south of Milwaukee.

Who would a person contact regarding the interference problem? The OO for Wisconsin? A Milwaukee area ARRL representative?

Thank you for your assistance.

Paulette Quick, N9OUH
Madison, Wisconsin

3297. Re: QEX Publisher Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 17:18:55 UTC
From: nw2l@aol.com
Message-ID: <3k4j5v$2i9@newsbf02.news.aol.com>
Source record: 250894

QEX is a specialty publication of the ARRL (American Radio Relay League); it deals with technical matters and experimental designs. It's available by subscription to League members (don't know the price offhand). You can call ARRL at 203-666-1541, or route an email query to their online rep, Mary Carcia (mcarcia@arrl.org).

Another technical publication on the market is CQ Communications' "Communications Quarterly" magazine. It is a purely technical journal, with an increasing emphasis on the relationship between computers and ham radio. It's available on newsstands for $9.95/copy, or by subscription from CQ (1-800-853-9797 / 516-681-2922) for $29.95/yr (US - higher for DX).

73,
Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos.

3298. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 18:50:34 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3k4ohq$o5d@ixnews4.ix.netcom.com>
Source record: 250898

In <3k458p$em7@hatch.sonalysts.com>
gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE (Al Gerheim) writes:
>
>I don't think the airwaves are for the exclusive use of those who
>can properly explain electromagnetic propagation, or know the
>pin-out for an RS-232 interface, etc... If someone can have a good
>time using VHF/UHF without _interfering_ with another station, I
>think it's just wonderful, as long as we keep the lids off of HF.
>
Well, of course the amateur allocations are only a small part of the
airwaves, so such an exclusive useage won't come about no matter what
our licensing requirements are. Nobody is against having a good time,
but such a desire alone is hardly enough justification to award an
amateur license.

Mike, KK6GM

3299. ...no subject...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 19:27:03 UTC
From: CDAY@OKTUL.ANG.AF.MIL
Message-ID: <+Av7+gsSNjA@oktul.ang.af.mil>
Source record: 250899

help

3300. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 20:35:22 UTC
From: zlau@arrl.org
Message-ID: <1995Mar14.203522.14766@arrl.org>
Source record: 250900

The latest Antenna Compendium, volume 4, has some performance comparisions in the article "An Investigation Of 2-Meter HT Antenna Performance." According to measurements, the long extended whips outperformed the worst duck antennas by about 10 dB. They did a lot of work--its 7 pages long.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3301. Re: Does somebody knows anything about this Crystal Controlled Rig???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 20:51:21 UTC
From: tonyz@rose.hp.com
Message-ID: <3k4vk9$o76@hpscit.sc.hp.com>
Source record: 250901

Clark Savage Turner (turner@safety.ics.uci.edu) wrote:
: In <3k23vl$2c0@athos.cc.bellcore.com> papo@briscas.gamekeeper.bellcore.com (25383-anaya) writes:

: >Ok you boatanchors fans, I need help. I'm trying out a Coner (sp?) or
: >Conair (sp) CW transmitter. It is crystal controlled and spouts at least
: >75 Watts. The price is right, 15 bucks, and I can use it for experimentation

: Sounds like a "CONAR" kit, popular transmitter and receiver kit of the
: 1960's. Looks like a lunch box. I don't believe it put out anywhere
: near 75 watts, I think it had 40 watts input or something, probably
: 30 out? Not sure about that.

: >However, does anybody know where I could find crystals for that beast or
: >is there a way I can just plug a box to be able to transmit in a whole band?

: Crystals still available, FT 243 case, from several manufacturers, many
: list in QST and CQ and 73 magazine, I don't have an address here. You
: can try a vfo, but you need an old one like a Heath VF-1 to drive it
: properly, and might need to do a little mod to make it work.

: Good luck. Look for a manual!!!

: Clark
: WA3JPG

I remember NRI offering a Ham Radio course offered back about 1969 or
70? The course included the Conar transmitter and matching receiver.
Xtal controlled but don't recall how many watts out. I have been
looking for both the transmitter and receiver pair myself just for
nostalgia's sake.

See ya!

tz

3302. Equipment for sale!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 21:19:14 UTC
From: John.Gibson@thewire.com
Message-ID: <55.47961265.Livewire@thewire.com>
Source record: 250914

For sale:

AMECO (Model PT-3) HF recieve preamplifier 160 to 6 meters $90.00

PK-232 $130.00

Ringo Ranger ll 2 meter antenna $30.00

AOR (AR-501) Radio telegraph terminal. To send code, read code off the air on 2 line 32 character LCD display, printer out put, randum code practice oscillator and send practice oscillator $100.00

Call John (AA6NL) AT 213-662-8884
My QTH Los Angeles, CA

3303. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 21:22:46 UTC
From: zilch0@primenet.com
Message-ID: <3k51f6$sno@news.primenet.com>
Source record: 250902

W-O-W ! Thanks Ken.. I enjoyed your post!

73, AB6SL

/----------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3304. subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 21:57:51 UTC
From: jnichols@ednet1.osl.or.GOV
Message-ID: <199503142157.AA28847@ednet1.osl.or.gov>
Source record: 250907

```
subscribe info-hams john nicholson
```

3305. Any good sites for ham stuff?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 22:16:32 UTC
From: ayaman@ins.infonet.net
Message-ID: <3k54k1$p1v@insosf1.infonet.net>
Source record: 250903

Moved to an apartment and can not use the radio too much due to
antenna limitations. So at least like to keep up what is going on
until move out.For this reason could anyone help me find some good sites
to to checkout hamradio related software, articles etc.
Thanks
73 AA0KI

3306. Q. panadater

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 22:23:06 UTC
From: jstroppe@franklin.uhl.uiowa.edu
Message-ID: <3k550a$e4r@nexus.uiowa.edu>
Source record: 250904

Has anyone connected a panadater scope to a Ten Tec Omni VI? Could you
give me the details? John WA0VYZ

3307. DX Incoming Bureau-5 Land

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 22:32:17 UTC
From: lowlands@nmsua.nmsu.edu
Message-ID: <lowlands.234.2F661971@nmsua.nmsu.edu>
Source record: 250906

Can anyone tell me the address for the 5 call region incoming DX
bureau? I have some envelopes there and just remembered that I need to send
additional postage to cover the rate increase. I usually just look in the
January QST for this info but this year they did not list any addresses.
Please post to group or email: lowlands@nmsua.nmsu.edu
Thanks in advance.
73, KI5HF
L.S. Beavers

3308. Re: Need windows 3.1 for 286 on pactor, help!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 22:41:31 UTC
From: delaney@j51.com
Message-ID: <3k562r$2o8@tzlink.j51.com>
Source record: 250750

Windows will definatly run on a 286, I did that for a year or two. It ran
okay on my friends machine with 2megs and mine with 4 megs was fine.
And giving Windows to him would be quite illegal (so?)

Matthew Asham (matthewa@icebox.iceonline.com) in article ve <D5D9Ht.E9n@iceonline.com> on
Mon, 13 Mar 1995 06:45:31 GMT wrote:
: >In article <equinox-09039515363300001@lcy-ip0.halcyon.com>,
: >Jonathan Haynes <equinox@halcyon.com> wrote:
: >
: >>I am looking for a version of Windows 3.1 that I could load onto my 286
: >>machine.
: >
: >Jonathan, I assume you know what you are asking for is illegal and to
: >the best of my knowledge, Windows 3.1 won't even run on a 286. Windows
: >3.1, like most software, is protected by copyright laws.
: >

: Actually, Windoze 3.1 will run on a 286, but only in standard mode. As for
: the legalities of giving him Windows, I agree.

: --
: Matthew Asham, VE7CQJ -= Team OS/2 =-
: Internet: matthewa@iceonline.com
: URL: http://www.iceonline.com/home/matthewa/WWW/matthewa.html
: "Windoze95 - Microsoft's *NEW* 32bit virus, that requires DOS"

:

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3309. Manual/Schematic for HeathKit DX-20

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 22:42:20 UTC
From: treit@seanet.com
Message-ID: <treit.199.0016B546@seanet.com>
Source record: 250733
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello!

I was asked to post a message for a friend of mine who is not on the Internet:

He is attempting to restore his old HeathKit DX-20, which was his first rig.
Unfortunately he does not have the manual or schematic for the transmitter.
If anyone has either available for that particular radio, please e-mail me at
treit@seanet.com or send the information to:

George, K7BDU
163 Keasling
Chehalis, WA 98532

Many thanks!

-Mike KB7QOP

3310. IPS Daily Report - 14 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 23:18:01 UTC
From: rwc@ips.oz.au
Message-ID: <3k5879$rhq@flare.syd.ips.oz.au>
Source record: 250913
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 14/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 14 MARCH AND FORECAST FOR 15 MARCH - 17 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 79/19

GOES satellite data for 13 Mar
Daily Proton Fluence >1 MeV: 3.8E+06
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 1.6E+09 (very high)
X-ray background: A3.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
15 Mar 16 Mar 17 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 15 Mar: 82/23

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 13 Mar
Learmonth 13 3224 3332
Fredericksburg 14 29
Planetary 18 33

Observed Kp for 13 Mar: 3455 5543
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
15 Mar 15 Unsettled
16 Mar 10 Quiet to unsettled
17 Mar 6 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

14 Mar normal normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
15 Mar normal normal fair
16 Mar normal normal fair
17 Mar normal normal normal
Degraded HF comms are probable for high latitude circuits.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
14 Mar 34 near to 15% enhanced, Townsvile was near predicted
monthly values, Hobart was near predicted monthly values during day,
then 15% below with spread F at night.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
15 Mar 30 Near predicted monthly values. mufs at hobart are
expected to be near predicted to 10% depressed.
16 Mar 25 Near predicted monthly values
17 Mar 20 Near predicted monthly values
COMMENT: HF conditions will probably be degraded for high latitude
circuits.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3311. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 23:19:39 UTC
From: craig54927@aol.com
Message-ID: <3k58ab$6vf@newsbf02.news.aol.com>
Source record: 250905

Anybody that makes a purchase on their RSVP card at Radio Shack should double check their receipt to make sure the salesman enters the proper promotional code. As a former Radio Shack employee I understand how easy it is to put a purchase on revolving credit when the customer asked for 0 interest, the sad part is that at that point, its too late. I am certainly not defending Radio Shack, just making everyone aware of the situation.

Craig - KD6NFD

3312. Re: Best Callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 23:29:04 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD5GEKG.Cwn@netcom.com>
Source record: 250908

I think I'll just keep my call. It's the best . . .

--

```
**************************************************************************
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
*""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""*
* These are my ideas alone. Don't blame anyone else! *
**************************************************************************
```

3313. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 23:34:39 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3k5cu5$9h@newshost.lanl.gov>
Source record: 250736

Horrock that is a little stong I just wanted to give folks
a "heads up" since there is a new 2 meter mobile out and a
bunch of folks might be buying. Perhaps a few days in Purgatory
and only upper management. Not wanting to start a flame war.

3314. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 23:43:58 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD5GF9A.Ev1@netcom.com>
Source record: 250909

Jmmorrison (jmmorrison@aol.com) wrote:
: Actually 422, 423, 424, 425, 427, 428, and 429 mhz are USA public safety
: agencies and businesses. Canada runs some things in 421 and 426 mhz but
: that's it.

: Other areas of the country have 470 mhz, we do not, we have 420 mhz. But
: back to the original question: Can 420-430 mhz be used for simplex comms
: in let's say Tennessee, Florida, or Illinois just to pick some states?

: John M Morrison, Detroit, MI

John, in Texas, New Mexico, Arizona, Utah, California and many other
states there are 100's of channels used for simplex and link work. We use
over 100 channels for point to point links here in Texas in one large
system for point to point links. So the answer is YES.

--
****
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
"""
* These are my ideas alone. Don't blame anyone else! *
****

3315. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-14 23:55:54 UTC
From: horrock@aol.com
Message-ID: <3k5aea$7i9@newsbf02.news.aol.com>
Source record: 250911

May Rat Shack and ALL its RATS burn in HELL!!

3316. Re: Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 00:04:15 UTC
From: horrock@aol.com
Message-ID: <3k5atv$7mk@newsbf02.news.aol.com>
Source record: 250912

Would pluse one-way Carriers, with no data/voice/etc on it be legal?
In this case no, I don't think so - there would be no communications going on.

Where video from a ground controlled RC airplane is legal under special provisions.

3317. Wanted: ARRL Logo

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 00:04:28 UTC
From: Joseph Herman <herman@yu1.yu.edu>
Message-ID: <Pine.A32.3.91.950314190200.8899A-100000@yu1.yu.edu>
Source record: 250910

If anyone has the ARRL logo, preferrably in .gif or .jpeg format - I'd
really like to get ahold of a copy - for use in my WWW homepage. Thanx
in advance, replies by mail preferred.

```
-------------------------------------------------------------------------------
- Joseph Herman KB2SFT |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu |Action is useless unless preceeded by thought -
- a196@lehigh.edu | -
- slammy@chop.isca.uiowa.edu |EMT, postpunk, ham radio, fencing, 'blades -
-------------------------------------------------------------------------------
```

3318. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 00:56:58 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-140395185700@145.1.114.19>
Source record: 250916

In article <3jnq99$r8b@nspace.cs.ucsb.edu>, probert@nspace.cs.ucsb.edu
(Dave Probert) wrote:

> My son and I are coordinating Field Day activies for our local club.
> Last night one of the board members told us that he thought there were
> special rules for Field Day operation which restricted operation above
> your privileges.
>
> So my questions are as follows. On Field Day:
>
> Can unlicensed individuals operate under the supervision of an
> appropriately licensed control operator?
>
> In particular, can they operate the Novice/Tech station?
>
> Can Novice/Techs operate the 20m station under a control operator?
>
> The 1994 rules do seem to suggest that only Novice/Techs should operate the
> Novice/Tech station -- but I assume this is to keep higher class licenses
> from sandbagging. Is that correct?
>
> I hope that the rules don't preclude operation under a control operator. Last year
> my son (he was 12 at the time), had passed his TechPlus, and was waiting for his
> license to arrive. He went to Field Day, operated under supervision, got completely
> hooked, and as a result achieved his Amateur Extra in September, is just waiting for
> the return QSL cards to show up so he can get his WAS and WAC, and is co-chair
> of Field Day this year. I would like to see similar enthusiasm kindled in others
> this year.
>
> Dave Probert, KE6JRS

The FD rules from 1994 did require that the Novice station must operate under a different callsign than the primary entry. They also stated that no person may operate from more than one Field Day station. Therefore any person who operates the N/T station is automatically prohibited from operating the primary station at some other time during the Field Day contest.

The near-instant licensing processing pretty much ensures that this year if a person passes his test at least three weeks ahead of Field Day and the VE promptly processes the papers, he will have a valid call for the FD weekend. The other questions regarding unlicensed persons are addressed in the FCC rules.

--
Karl Beckman, P.E. < If our English language is so >
Motorola LMPS.RNSG.Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
Opinions expressed here do not belong to or represent Motorola Inc.
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3319. RE: Info-Hams Digest V95 #201

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 01:08:13 UTC
From: NEEDHAME@ZIAVMS.ENMU.EDU
Message-ID: <950314180813.211e@ZIAVMS.ENMU.EDU>
Source record: 250915

RE: VHF/UHF in Japan

Well, I operated 2 meters in Korea a couplke of years ago. Interesting thing was that during the band openings we coule work Japan easily. And ---

they all spoke English!

KD5XB
Earl Needham
NeedhamE@ZIAVMS.ENMU.EDU

3320. Re: No Code & Newbies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 01:20:27 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5GJq3.K3r@news.hawaii.edu>
Source record: 250737

monteith@tyrell.net (Mike M) writes:

> I wanted to get started into amateur radio and No Code would be the way
>to go. I work 8 hours a day and drive 4hours so this would be the ticket
>to at least get started. I think some forget where the term amateur comes
>from. You have to start somewhere and this opens up for more support for
>the amateur arena.

4 hour commute? Perfect way to study the code! Pre-novices used to
build 80 and/or 40M converters for their car radios (with an added
BFO) to copy CW during their daily drive to work. I've got several
schematics I can draw up and email to you.

Also, get in the habit of translating license plates into code
(by humming or whistling). You'll be on HF in no time at all!

Jeff NH6IL

3321. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 01:59:50 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD5GLJq.27t@netcom.com>
Source record: 250918

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
S

x
--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

3322. Callsign.CS.Buffalo.Edu 2000

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 02:33:51 UTC
From: w8ijdave@aol.com
Message-ID: <3k5jmf$adb@newsbf02.news.aol.com>
Source record: 250917

TELENT callsign.cs.buffalo.edu 2000 used to get me to a nice callsign lookup service. Now, when I try to connect to it, I get the message "sorry, this server won't let us use the SUPPRESS GA option! Disconnecting". Anyone know what the problem is? I don't understand it because I thought BUFFALO was in NEW YORK, not GEORGIA ;-)

Dave W8IJ (challenged in Camp Hill)

3323. Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 02:39:47 UTC
From: brucem@eskimo.com
Message-ID: <D5GnEC.KnK@eskimo.com>
Source record: 250919

Anybody have any thing to report about the Radio Shack
2m handhelds? Good, bad, indifferent, etc? I'm
contemplating a low-end (not much $$) purchase.

3324. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 02:46:10 UTC
From: sbukosky@execpc.com
Message-ID: <AqrhxXFoRO30WGol06b@execpc.com>
Source record: 250920

In article <kreifels.794857495@fmwu23>, Jerry Kreifels wrote:
>
> I am trying to set up my FT-530 to operate on my motorcycle, a BMW K75S.

Wish you could get on Compuserve. We are having a big talk about that currently. I don't go beyond tossing an HT into my tank bag. Never did want to talk to anyone when I'm riding but have often wanted to put my old FT310D on the luggage rack and do some 40MTR Midcars.(g)

Steve N9BGH

3325. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 02:51:41 UTC
From: rodell@netcom.com
Message-ID: <rodellD5Gny6.8tF@netcom.com>
Source record: 250921

An exposed 4 dipole array (with downtilt if necessary). This antenna is rugged, at DC ground and is unlikely to degrade in a harsh environment. I personally prefer Sinclair, but dB products is also a contender.

--
_/_/_/

3326. Re: Help finding Ryder transmitter article

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 03:51:20 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5GqpL.K6o@zeno.fit.edu>
Source record: 250924

for $10, you could just buy a back issue from CQ Communications, i'd bet.
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3327. newbie (me)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 03:52:00 UTC
From: jay.stewart@atlwin.com
Message-ID: <8A5755C.0277006C29.uuout@atlwin.com>
Source record: 250922

I am just now reading/studying to get my liscense and I'm looking for a good 2m handheld. The problem is that I have no idea what brands are good, what features to look for, how much to spend, etc. I would appreciate any advice anyone can give.

Thanks in advance,
Jay

* SLMR 2.1 * Unable to locate Coffee -- Operator Halted!

3328. Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 03:52:00 UTC
From: jay.stewart@atlwin.com
Message-ID: <8A5755C.0277006C28.uuout@atlwin.com>
Source record: 250923

GS>I bought a 2006 a while back on the "no interest
GS>no payment for 6 months" plan.
GS>On the monthly statement interest kept appearing.

GS>I thought maybe they would refund the charges
GS>at the end as some outfits do.

Sorry you had problems with that. I actually work at a Radio Shack and I have seen the problem before. What happens is that when the sales associate goes to the payment screen, they can pick what interest plan you get. (Right now there are about 6 different ones.) It sounds like that particular person picked the wrong one. If you've got your original ticket, it should say "0%" etc at the bottom. If it doesn't, then that was the culprit, if it does, then it sounds like you've got more of a legal case.
If you can't find the receipt, the stores keep a copy of them (a paper--i.e. hard copy (it's not "in the computer" so don't ask)) boxed up in the back, if you know the date that you bought it, then it can be looked up.

Jay

* SLMR 2.1 * If this were an actual tagline, it would be funny.

3329. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 03:55:54 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5Gqx6.KAH@zeno.fit.edu>
Source record: 250925

In article <3k4egf$i3s@news.ualr.edu>, Doug Mauldin <gdm@fermi.ualr.edu> wrote:
>to his Boy Scout troop meeting to show them off. The Scouts have
>historically been involved in amateur radio, right? Well, guess again.
>The scoutmasters confiscated his HT until after the meeting and told him
>not to bring it back.

do they still have the radio merit badge or is that all wrapped up in
a "communications" badge these days?

>
>I realized that some education was needed and I started immediately
>with the head scoutmaster. She said that they didn't object to
>ham radio per se, but they just didn't know what it was. (Said they
>thought it was a "regular" radio. I'm skeptical about that excuse.)

i'm surprised they didn't think it was a cell radiophone. I've made an
offer to come in and do some morse code for a troop..don't know if it will
come to pass or not -- figured i could have everyone learn what their
name is in code at a minimum and maybe bring in a video tape to show
some examples of different types of stations...we'll see.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3330. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 04:05:38 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5GrDF.KIA@zeno.fit.edu>
Source record: 250728

In article <n1416937397.65981@qmgate>,
Dana Rodakis <dgra@qmgate.ECi-esyst.COM> wrote:
>and face the man with the white shirt and black tie proclaiming "So,
>you want to be a ham radio operator, I don't think so!" You had to
>LEARN it to pass the test. 73, Dana, AJ1R.

and by and large the masses took the man up on his offer and
stayed away in droves. this was not good for the overall health
of the amateur radio service as the old guys died off and the
young guys got older and burned out after years of doing the
same thing forever...

it was never the FCC examiner's job to "improve" the test when
it was time to give the test. anyone doing so was making a bad
joke at best and failing to serve the public at worst. yeah,
i can be a curmudgeon on exam day too. gotta be able to get there
and get set up and look things over before the hordes descend.

and in 1978 there were Q&A books all over the place. and the
tests were multiple choice.

test yourself. get a copy of the q-pool and see if you can get
100% on the whole thing in one sitting. betcha can't miss
just one...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3331. Re: proper ground

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 04:24:05 UTC
From: cjds@ix.netcom.com
Message-ID: <3k5q55$8jq@ixnews3.ix.netcom.com>
Source record: 250926

In <9503140033207904@richcon.com> richard.hernandez@richcon.com (Richard Hernandez) writes:

>
>GC>The *minimum* you can do according to the NEC is use a #8 or larger
>GC>wire, run *directly* from the mast to ground with no sharp bends. The
>GC>ground should be, *at minimum*, an eight foot driven rod. Now if you
>GC>want *real* strike protection, you're going to have to do more, as I've
>GC>outlined in several postings, but this is the minimum that Code will
>GC>allow. It will offer fairly good protection to the *dwelling*, but
>GC>probably won't save your equipment.
>
>Gary.
>I have been thinking a lot about "the minimum" requirements of NEC now
>that my back yard is beginning to look like a copper spider webb. I
>recently got a copy of the Antenna Book and in the front of the book it
>describes a ground system that utilizes a copper wire or pipe burried
>around the house a few inches under ground. Would you consider this good
>protection?.
>Also, It is usually easy to properly ground a vertical antenna at the
>mast but a dipole that is supposed to have a transient protection device
>between the antenna and transmision line sometimes is almost an
>imposibility to attain ie. Just recently my son and I put a dipole up
>70 feet in the trees behind my house (not really in the trees but using
>the trees). The possibility of the top of these trees holding 70 feet of
>#8 or larger is slim to none not to speak of the cost for a tight
>budget. Any suggestions? I would appreciate any comments from anyone.
>
>Thanks. 73's from KC4QBQ Mechanicsville, VA
>
>---
> * OLX 2.1 TD * All hope abandon, ye who enter messages here.
>

What I used was an arrestor on the feed line at the point which the line contacted the ground, This was attached to TWO copper pipes driven into the ground, connected by 6 guage wire. At the shack was another arrestor and a copper plate 3 feet long by 9 inches wide buried about 18" down. This was connected to the arrestor by 8 guage wire. Antenna grounding is very important in the mtns of Colorado. I've had three close strikes,

but not one piece of radio equipment was ever compromised. (Can't say as much for some consumer electronics, though...)

73,
Bill Horger, KC0IO

3332. CW op in Tampa/Clearwater area WANTED (for ELmer)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 04:44:53 UTC
From: barnaby@world.std.com
Message-ID: <D5Gt6t.G1w@world.std.com>
Source record: 250927

'd like to connect with an experienced CW op in Tampa/St Pete/Clearwater
area. If you have a station that I could visit during the next month
for a little practice operation, and "learning the ropes", I'd appreciate
it. Page me at 800-864-5591 leave your phone, and I'll call you back for
a telephone QSO.

I have Extra Class License, but haven't operated cw for 20 years.
Am interested in DX, but have no dx operating experience.
Richard Barnaby (AA1IB)
temporarily in Clearwater, FL
800-864-5591 pager

3333. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 04:48:47 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5GtDB.14I@news.hawaii.edu>
Source record: 250740

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Passing a 5 WPM beeping test wouldn't have taught him
>a bit more about propagation than the exam he took.

Your bias against HF is showing again. Passing the 5wpm test
would have enabled him to get on the low bands and learn first
hand about propagation.

Jeff NH6IL

3334. Re: Sending test instead of recieve

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 05:07:23 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031518443@alb.med.itc.com>
Source record: 250729

In Article <3jkm44$f99@chnews.intel.com>
cmoore@sedona.intel.com writes:

> >Seriously, there _are_ some disabilities that interfere with a person's
> >ability to copy code to the extent that they couldn't pass a CW test;
> >however, most of those disabilities also significantly interfere with a
> >person's ability to pass a written test.
>
> Hi Alan, at last an expert. When I hit a note on a piano and ask my Dad
> to hum the note, he cannot do it. During CW training, I let him hear
> what a dit sounds like and what a dah sounds like. Then I send one or the
> other and ask him, was that a dit or a dah. He doesn't have a clue. He
> otherwise has a high IQ and is a retired Postmaster and accountant. What
> could be his problem? At 3x the tone-width difference, he cannot tell the
> difference. At about 6x-7x the tone-width difference, he can.

Cecil - I can't hum notes from a piano either; I also cannot read music,
have a horrible singing voice and am totally tone-deaf. However I can
copy CW at 25-30 wpm. There isn't really a correlation. I'd be curious
how much time he has spent working on trying to tell the difference
between dits and dahs - it does take a little practice, and my experience
(I've had a fair bit, having been involved with several novice classes and
having served as a VE for 6-7 years) is that most people who claim they
cannot learn CW have never really given it an honest try or else have gone
into it with such a negative attitude that they never had a chance to begin
with.

Another item to consider: VE's are allowed to make adjustments in the CW
exams to accommodate people with "handicaps". This can include such
things as sending at a lower or higher tone pitch than the standard 730
Hz; I don't see why the weighting couldn't be changed as well. Our VE
team has made special tapes several times for people with such problems,
and programs like SuperMorse or Morse Academy (which has a built-in test
giving function and is approved for use in real testing situations) may
well have the capability for making such changes as well.

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3335. Connector losses

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 05:39:31 UTC
From: mckee@fc.hp.com
Message-ID: <3k5uij$ibp@tadpole.fc.hp.com>
Source record: 250730
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

I am setting up my Yaesu 747 to be the IF for a transverter. The rig uses some small coax with "Weird Yaesu coax connectors" to connect the RF board to the power amplifier and to connect the antenna to the receive-in on the RF board.

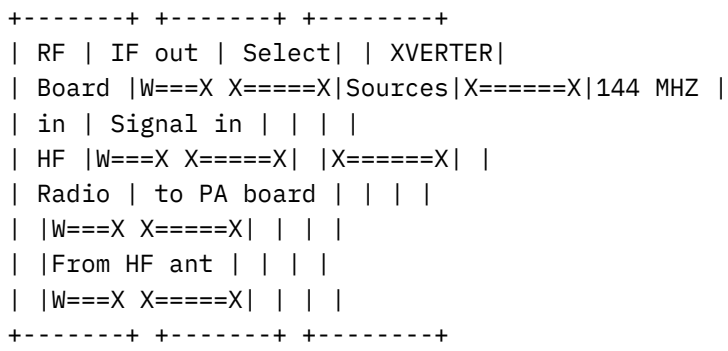
I called Yaesu and a very friedly fellow took my $$ and promised to send me a couple of pieces of the coax with the ends on them. I'd like to cut them in half, and put some sort of reasonable connectors on but, I am wondering about signal loss.

My hopes are to build a source selector so that I can use the setup as:

Simple HF radio (IF out routed back to PA board, HF antenna routed to Signal in)
Simple 2M radio (IF out to Xverter, Signal in from Xverter)
Satellite mode A (IF out to Xverter, Signal in from HF antenna)

without haveing to take the lid off all the time (the connections to the RF board look fairly fragile), and without having to spend 15 minutes connecting identical looking cables to the wrong places so that I can just miss a good satellite pass.

I'm thinking of something like:



Where W represents a "weird connector", and X represents a reasonable connector. The back-to-back connectors will be on the back of the radio. I need them because the coax with the weird connectors is short, and the connectors are "supercrimped" on and don't look like they will come off in any state to be put back on, and Yaesu does not sell them unattached. [sigh]

Unfortunately, to use it as a simple HF radio, the output signal must go through EIGHT connectors (SIX of which I'm adding). This has me worried about the losses from those connectors. My _ARRL Handbook_ does not have a table of connector losses, and I'm hoping someone out there does,

or has a better idea.

I could replace the back to back connectors with four very small PC board boxes, soldering the coax together inside. I could also directly wire the source selector to the cable. Or am I just worrying about nothing??

Thoughts???

73, Bret

3336. Re: Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 06:09:25 UTC
From: Ray.Linton@bbs.mhv.net
Message-ID: <3k60al$jha@over.mhv.net>
Source record: 250731

Horrock (horrock@aol.com) wrote:
: Would pluse one-way Carriers, with no data/voice/etc on it be legal?
: In this case no, I don't think so - there would be no communications going
: on.

: Where video from a ground controlled RC airplane is legal under
: special provisions.

Since auxillary operation is allowed up on the high bands (above 222 MHz),
one-way transmissions should be legal. There are no real restrictions on
the "testing" you can do up on 10 GHz, so you probably could send a
string of dots/dashes. Identification every 10 minutes would be essential.
You could double as a microwave beacon station - depends on your creativity!
Making sense of the return signal could get difficult. -Ray

3337. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 06:12:18 UTC
From: gregl@iglou.com
Message-ID: <D5Gx8I.Ev9@iglou.com>
Source record: 250683

In article <3jot6q$pe9@cat.cis.Brown.EDU>, md@pstc3.pstc.brown.edu
says...
>
>> There are a lot of NEW amateurs out
>> there who are a credit to the hobby.
>
>And there are alot of bozos. Especially in our
>area. Just this week I heard someone tell another
>ham the reason he heard a Springfield MA station
>(about 90 miles away) was due to "the snow and ice"
>in the air helping propagation. I didn't have the heart to key up and
>mutter the word "absorption" to him.
>
>As opposed to the codeless tech license that I am, I also realize
>that its helped the hobby quite a bit in some areas of the country.
>I just wish some of those benefits would show up around here.

I think the overall affect has been positive in the Louisville area. One point to keep in mind is that many people entering the hobby don't know a lot about propagation. I readily admit that when I received my license in the mail in July 1993, I didn't know a Sporadic E from a Dislexic F. Thanks to a positive attitude, a lot of friendly "elmers" and a bit of studying, I have made quite a bit of progress.

The big key, in my opinion and experience, is education. I know I've been guilty of misreading some information and making statements on the air that showed what I knew -- not much. This is where the knowledgable person typically steps forward and says, "That's not quite right..."

As a perfect example, one night a fellow asked me about multiband HF antennas. I told him right off I didn't have a clue but maybe he could cut a 40 meter dipole and use it as a quarter-wave 80 meter dipole. Another fellow chimed in at that point and said, "Well, you can do that but I wouldn't expect it to work very well." I have learned quite a bit from the elmers. I've also learned quite a bit by reading -- LOTS of reading. But, I do have an advantage. I don't study the answers to the questions. I want to know WHY the answer is correct and the only way to do that is to study the underlying principles. I do like to read as well, so the ARRL Handbook has been my night-time companion.

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@wi9p.#ncky.ky.usa.noam
Internet - gregl@iglou.com

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3338. Re: No Code & Newbies

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 06:20:00 UTC
From: gregl@iglou.com
Message-ID: <D5GxLD.EyI@iglou.com>
Source record: 250732

Go for it, Mike. The only aspect of amateur radio that I regret is not getting my license 15 some odd years ago when I was in high school. The difficulties I had back then were learning the code (that was my fault) and not having transportation to Atlanta (90 mile drive) to take the test. I initially entered the hobby as a Technician then upgraded to Tech Plus and now General. I'm ready for Advanced but haven't taken the test yet. I also discovered that I really enjoy working CW on the HF bands.

It has opened a lot of doors for me as well. The biggest satisfaction, by far, is all of the friends I have gained since I entered the hobby.

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@wi9p.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==========

3339. HAM-server Information

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 07:15:07 UTC
From: HAMSinfo@GRAFex.sbay.org
Message-ID: <gate.wNLZ2c1w165w@GRAFex.sbay.org>
Source record: 250734
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Distribution: world
Subject: HAM-server information

HAM-server was devised to allow people without direct internet access a way
to get amateur radio related programs and other information. It is not
directly on the internet, so ftp and telnet is not available.

Most of the files on HAM-server are available via ftp from the various sites
around the world that archive them. That's where I got most of them.

In addition to DOS files, there are some Mac,Linux, and OS/2 files available.
I'm always on the look out for more (particularly Mac, Linux, OS/2).
See below.

General Information:
====================

There is a daily limit of ALL requests of 3-megs. There is an individual
limit of 1.2-megs. If there are a series of files you want to order,
stretch them out over a few days, rather than ordering all at once.
That way, you are almost assured of getting them all, and you won't be
blocking others from getting their orders filled.

ASCII (text) files are split at about 59,000 bytes. UUENCODED binary files
are split at about 750 lines.

A new INDEX is automatically generated every Sunday.

Ordering Information:
====================

Send an email to:

HAM-server@GRAFex.sbay.org

In the text of the message, place:

HELP
GET /hamradio/INDEX.TXT
QUIT

HELP will send you the HAM-server HELP file. This is processed immediately
for return delivery.

o DOS

If you are using a PC and you do not have UUDECODE, order
UUDECODE.BAS or UUDECODE.C and UUEXE525.EXE. Compile on your

system then uudecode UUEXE525.EXE. This is a self-extracting archive of UUENCODE and UUDECODE, with documentation. This will work for DOS and OS/2.

o OS/2

I highly reccomend UNZ512X2.EXE. This is InfoZip's ZIP and UNZIP (plus other stuff). Will dearchive PKUNZIPped files, as well as UNIX zipped files.

o Macintosh

Most Mac programs are stored in binhex (.HQX). You will need a utility, such as StuffIt to decode. There are also UUDECODErs and other de-archivers available. See the index for /hamradio/macstuff/utility.

o Linux

Use UNZIP.

Some Reasons Why Ordered Files Are Not Received:
==========

1. Your return path is incorrect. My bounce mailbox fills up quite regularly with messages. And, since the path is incorrect, I cannot contact you to let you know.

2. You have spelled the file name incorrectly.

3. The file name has changed since the INDEX was generated. Order a new INDEX.

4. You sent your order to me personally or in reply to this post. Orders are only honored when sent to HAM-server@grafex.sbay.org. That's the way the software works.

Try the PING command to check that the path is open.

YOUR HELP IS NEEDED:
==========

If you have a program you would like placed on HAM-server, you can email it uuencoded (DOS, Linux, and OS/2) or binhexed (Mac) to incoming@grafex.sbay.org. This email address is set up to flag me that there is something new that I need to take care of quickly.

73 de KA6ETB

--EOF

3340. Techsat1 Launch

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 07:20:19 UTC
From: s2902081@techst02.technion.ac.IL
Message-ID: <Pine.SUN.3.91.950315091934.27701B-100000@techst02.technion.ac.il>
Source record: 250742

Hello All,
TECHSAT1 will be launched on the 28th of March from Plesetsk Russia,
As Calculation show the Techsat-1 will be seen at the command station
in the Technion (Israel) only 8 hours after launch (sixth orbit).
The Techsat team would like the help of all of those who can monitor
the satellite during the time until and after the first 8 hours.
If you would like to help please contact us at the command station
using the addresses below.
Satellite operators that will want to help will be givven a telemetry
decoding program for the Techsat1.

Packet: 4z7aba@4x4hf.isr.mdle
Internet: 4x6em@techunix.technion.ac.il
Fax: 972-4-230956 (for Assi)
Phone: 972-4-292646 (ground-control)

Keplerian elements will be updated close to launch date
Satellite: TECHSAT-1
Catalog number:
Epoch time: 95087.37500000 (Seperaton)
Element set: 001
Inclination: 075.3991 deg
RA of node: 328.7324 deg
Eccentricity: 0.0015304
Arg of perigee: 101.9385 deg Mean anomaly: 355.9607 deg
Mean motion: 14.7000703 rev/day
Decay rate: 0 rev/day^2
Epoch rev: 0

The following are the downlink frequencies of the satelite:
35.225 - primary RHCP / 435.325 - secondary LHCP
Primary mode of operation 9600 bps MSK ,
secondary mode is 1200 bps BPSK (emergency only).

Thanks , Assi
Techsat ground control team

3341. Re: WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 07:20:34 UTC
From: cello.gina.calstate.edu
Message-ID: <3k64g2$1v3@cello.gina.calstate.edu>
Source record: 250735
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Go to the Web Crawler and type in "Ham Radio"...that'll bring up a
bunch.

Here's one>>>http://www.qrz.com/

R. Barry Ulrich |General Class Ham Radio Operator,
KB6RAA
Teacher, Explorations in Technology |Packet:
KB6RAA@K6VE.SOCA.CA.USA.NA
Montebello Intermediate School |barryu@aol.com
1600 Whittier Boulevard |72267.624@CompuServe.com
Montebello, CA 90640 |bulrich@eworld.com
bulrich@cello.gina.calstate.edu |swsx54a@prodigy.com

3342. Re: Use AA Lithiums in your HT!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 08:08:47 UTC
From: dave@eram.esi.com.au
Message-ID: <3k67af$gj7@eram.esi.com.au>
Source record: 250738

In article <kthompso.508.0008F108@wichitaks.hmpd.com>,
kthompso@WichitaKS.HMPD.COM (Ken Thompson) writes:

| >I have an Eveready spec sheet for their 1.5V AA Lithiums (L91 is their
| >product code for these.)
|
| Can anyone explain how they create a 1.5v lith. cell?
| I thought they were inherently 3.0v cells.

Lithium metal hydride, perhaps?

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

3343. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 09:15:07 UTC
From: rwilkins@ccnet.com
Message-ID: <3k6b6r$170@ccnet3.ccnet.com>
Source record: 250739

Jmmorrison (jmmorrison@aol.com) recently wrote
in <3jctms$isi@newsbf02.news.aol.com>:

: Is 420mhz-430mhz reserved strictly for ATV or can it be used for low power
: simplex comms also?

: P.S. In Metro Detroit, 420-430mhz can't be used at all for amateur radio
: but I was just wondering about most areas of the country.

Most areas of the country that have active linking repeater networks use the 420 - 426 MHz sub band for the duplex link channels. ATV uses the 427.25 frequency or 426 - 432 sub band. Simplex activities can always be found in the 431 - 433 MHz sub band. SSB activity is on or near 432.100 MHz. Other simplex activities can be found between 435 - 438 MHz. Most of this activity is ssb or fm use of satellites. Repeater users in the 440 - 450 MHz sub band talk simplex or car to car on the output of their repeater.

446.000 is the nation wide fm dimplex. In California 441.000 and 446.500 are also fm simplex in the repeater sub band.

Bob

.

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3344. Re: random run in CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 10:33:29 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3k6fpp$17pi@info4.rus.uni-stuttgart.de>
Source record: 250749

Scott,

I am not quite sure if it was a particularly good idea
to post a major binary here, some readers may not like it...

However, which programs did you use?
The reason is, that some of the PD programs I know of,
do exactly what you intend with yours.

Did you check supermorse or cp222?

73, Moritz DL5UH

3345. Download af contest SW

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 11:10:15 UTC
From: Frits Jensen <frits.jensen@mch.sni.de>
Message-ID: <3k6hun$90j@horus.mch.sni.de>
Source record: 250741

Dear friends,

Does anybody know a good source for download af contest Software
especialy for the CQ World Wide Contest. Would very much appreciate
BBS number or other source.

- See you in the contest

Vy 73 de DL4MHU

Frits.Jensen@sni.de

3346. packet.....

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 11:15:06 UTC
From: Rients.Agema@ronobbs.idn.nl
Message-ID: <822_9503180900@idn.nl>
Source record: 250680

H All,

Ook ik wil graag wat goedkoper met anderen in verbinding komen, maar ik weet niet hoe...nou ja...

Gezocht dus...

Packet modem compleet werkend (moet hem dus aansluiten en hij moet het doen) Baycom, maar het liefst een TNC (=beter toch??)

Ik heb hier een TNC2 modem, maar op de 1 of andere manier krijg IK dat @#$-ding niet aan de gang.

Ik gebruik het progr. Graphic Packet. Bij het opstarten van dit progr. kan m'n comp. de modem NIET vinden (sync...t/m 256 TNC antwoordt niet). Het progr. staat overigens GOED geconfigureerd.

Nu heb ik dat @#$-ding 'ns bij 'n andere "packet-freak" geprobeerd en daar werkt 'ie perfect.

Zelf denk ik dat het aan de relaisschakelaar ligt, (packeteers weten nu wat ik bedoel???), m.a.w. het kastje met schakelaar die tussen de modem en de computer zit.
Als iem. zo'n kastje heeft of iem. kan mij helpen om dat kastje/schak. te repareren, ook die mag, hoop ik, antwoorden.

In ieder geval zoek ik een GOEDWERKENDE packetmodem (compl. dus)

Prijsindicatie......f 150,=

Of....iem. die mij kan helpen om mijn modem te repareren...

HELP

Rients
05181-1670

... En dat wilt ik nou ff kwijt.....

3347. Solar-flux info via the Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 12:25:35 UTC
From: jpblaauw@jpb.iaf.nl
Message-ID: <795270335.0snx@jpb.iaf.nl>
Source record: 250772

Where, on the Internet, can I find information abt Solar activity,
and the daily Solar-flux number?

--
Jaap P. Blaauw (PA0JPA) Tel/fax: ++31-(0)50-262298
Groningen
jpblaauw@jpb.iaf.nl The Netherlands

3348. Lead Acid Battery Charge

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 12:55:39 UTC
From: chideste@pt.Cyanamid.COM
Message-ID: <D5HFws.2AB@cyanamid.uucp>
Source record: 250744
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Some time ago, a formula was published for the density of the sulfuric acid in a lead-acid battery and the state of it's charge (% charge). Naturally I filed it away for future reference. Now that I need it, however, I can't find it! Could someone, with a better filing system than I have, please send me the relationship again?
Thanks,
Dale

Dale H. Chidester, PhD N3HAL "Against stupidity, even the
American Cyanamid Company Gods in vain doth contend."
Agricultural Products Research Divison Schiller
PO Box 400, Clarksville Rd. Phone: (609) 799-0400 x2430
Princeton, NJ 08543-0400 Email: chidesterd@pt.cyanamid.com

3349. Select-a-tenna schematic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 13:16:09 UTC
From: harris_monty@timeplex.com
Message-ID: <3k730v$tc@bigguy.timeplex.com>
Source record: 250743

Does anyone have a diagram/schematic for the select-a-tenna device. I have not seen one of these yet
but I believe its just a large inductor and a cap.

Does anyone have any experiance with this device? Does it work?

Any and all comments welcome.

Regards,

```
////////////////////////*\\\\\\\\\\\\\\\\\\\\\\\\
/ Monty Harris KD4HUS, Dublin, CA \
| System Test Engineer |
\ Ascom Timeplex harris_monty@timeplex.com /
\\\\\\\\\\\\\\\\\\\\\\\\*////////////////////////
```

3350. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 13:26:48 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3k6tjv$gfg@newshost.lanl.gov>
Source record: 250770

Talked to a few of the local on the net this AM and all had been charged interest of their "interest free" Rat Shack purchases. Check your statement you could be paying too.

3351. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 13:57:19 UTC
From: jimkd0av@aol.com
Message-ID: <3k6rnv$hmd@newsbf02.news.aol.com>
Source record: 250746

Certainly anyone can operate any station with the proper licensed control operator present. If you are not making a serious effort, it is a great way to have a non-ham make their first contact. You will be rewarded with a large smile and maybe a recruit.

The rules state that the novice station should be used by novice and techs, not higher licensed people. But I would think that a non-licensed ham could give it a try with a control operator present.

I would think that anyone present at a field day site shouldn't be prohibited from operating any station (except for the novice station noted above). I believe the rule about operating at multiple stations only applies to going to another site. I will have to review the rules carefully.

Jim KD0AV
Field Day Chairman
Wheaton Community Radio Amateurs, 5A category

3352. Butternut Butterfly

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:01:16 UTC
From: rogers@eng15.rochny.USpra.abb.COM
Message-ID: <9503151401.AA01422@nms1.abb.com>
Source record: 250745

I just picked up a HF5B "Butterfly" beam for 20-10m.
I arrived at this choice because of the relative
compactness which is necessary due to the restrictions
I am under in the neighborhood I live in. :(I figure
I can easily set it up for temporary operation at any
time.

Has anyone had experience with this antenna, any
comparisons run, comments? Also, does anyone know
where I can get the conductive anti-oxide compound that
it required?

73,
Bill Rogers KA2CKI

Internet: rogers@rogers.rochny.uspra.abb.com

3353. Re: Amateur bands for RC models ?...Been there, done that

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:07:11 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar15.140711.22787@ke4zv.atl.ga.us>
Source record: 250757

In article <3k1jvj$gbp@nova.np.ac.sg> s2202629@np.ac.sg (Teh Aik Wen) writes:
>Thus, up to a certain extent, the station is 'working himself', is this
>allowed?
>
>Because over here, we aren't allowed to 'work ourself' (eg: 9V1ZY to
>9V1ZY...)

Yes, we are allowed to "work ourselves" in several different ways.
One of the most obvious is with repeaters and digipeaters. I can
work the KE4ZV repeater from the KE4ZV station in the mobile or
the KE4ZV station at home. I can also work the KE4ZV-1 digi from
the KE4ZV packet station, and it can in turn work the KE4ZV-2
digi, etc. All that is perfectly legal. In addition, I can have
any number of auxillary link stations working under the auxillary
rules where *all* of them *must* have my call sign. That's because
under the auxillary rules, an auxillary station can only communicate
with other auxillary stations of the same linked system.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3354. DXCC Status Software

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:12:38 UTC
From: gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE
Message-ID: <3k6skm$pqd@hatch.sonalysts.com>
Source record: 250747

Is anyone aware of DXCC tracking software? I would prefer to
have something that would read and parse the text file which
I could download from the ARRL.

73 - AL

--
****
Al Gerheim, N4QN |Opinions expressed here| Sonalysts, Inc.
gerheim@sonalysts.com |are my own... if that. | 215 Parkway North
Work: (203)442-4355 | | Waterford CT 06385
****

3355. FT2500-M Memory Cloning wire

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:13:47 UTC
From: kmf@tellabs.com
Message-ID: <1995Mar15.141347.8523@tellab5.tellabs.com>
Source record: 250776

MEMORY CLONING wire for the Yaesu FT-2500M radio:

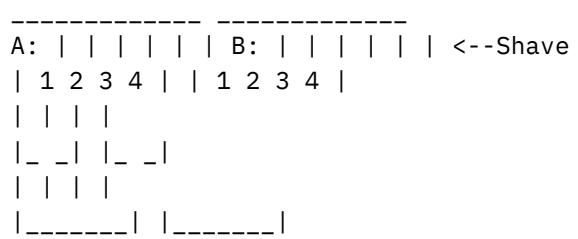
The owner's manual for the Yaesu FT-2500M 2m radio tells how
to clone memory from one radio to another, but it does
not tell how to hook up the wires between them. They do sell
the wire, but why not make one out of an old four wire telephone
cord laying around the house. The only wires that are needed to
be connected between the radios are pin 3 to pin 3 and pin 5 to pin 5
as shown below. A standard telepone wire can to be changed to accomplish this.

The mic plug is an 8 wire plug, but a 4 wire plug will fit, after shaving
the edges such that the outer wires will not bend. Pins 3 and
5 are in the middle 4 wires, so this plug will work.

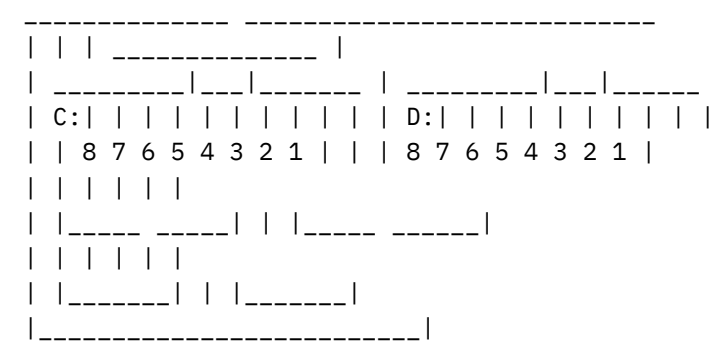
The instructions are below:

1-Get a standard modular RJ-11 4 wire telephone cord.
2-Shave the four corners of the plug that extend to the right of
pin 4 and to the left of pin 1. These need to be below the grade
of the connect wires (pins 1,2,3,and 4). If they are not shaved,
then the radio pins 1,2,7,8 could get bent.
3-Cut the line (4 wires) into 8 wires.
4-Now when looking into the plug with the wire going away and the
snap connector down, the far left wire (A-1) needs to be connected to
the far left wire (B-1) and the middle right wire (A-3) needs to
be connect to the middle right wire (B-3).
5-Insulate the connections and the unconnected wires (pins 2 and 4).
6-Snap either end of the wire into either the transmit radio or the
recieve radio. Pin (A-1) will connect to pin (C-3) and (A-3) connects
to (C-5). Also Pin (B-1) connects to (D-3) and (B-3) connects
to (D-5).
7-Follow the owner's manual instructions for memory cloning (i.e.
hold F/W while pressing POWER. Then REV for receiver and RPT for
transmitter).
8-Turn the power off. Remove the wire. Install the mic and check memories.

Looking into the 4 wire male telephone plug:

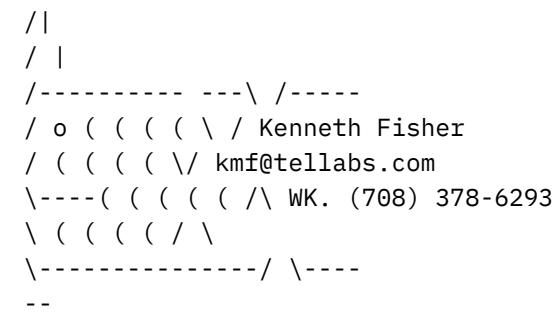


Looking into the FT2500-M radio eight wire female plug:



DISCLAIMER: This works great for me, but do not guarantee much else.

Kenneth Fisher



/ o ((((\ / Kenneth Fisher
/ ((((\/ kmf@tellabs.com
\----((((/\ WK. (708) 378-6293
\ ((((/ \
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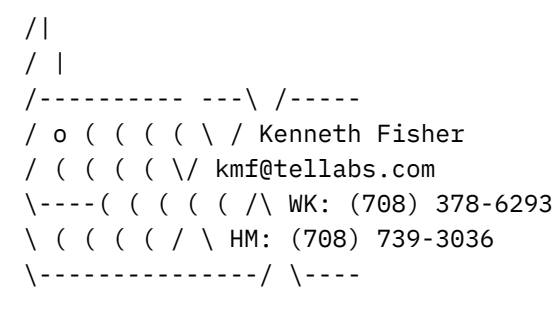

/ o ((((\ / Kenneth Fisher
/ ((((\/ kmf@tellabs.com
\----((((/\ WK: (708) 378-6293
\ ((((/ \ HM: (708) 739-3036
\---------------/ \----

3356. Re: QEX Publisher Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:22:13 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar15.142213.22889@ke4zv.atl.ga.us>
Source record: 250758

In article <3k4j5v$2i9@newsbf02.news.aol.com> nw2l@aol.com (NW2L) writes:
>QEX is a specialty publication of the ARRL (American Radio Relay League);
>it deals with technical matters and experimental designs. It's available
>by subscription to League members (don't know the price offhand). You can
>call ARRL at 203-666-1541, or route an email query to their online rep,
>Mary Carcia (mcarcia@arrl.org).

Last I checked, it's $12 per year for ARRL members. It's a real bargain
at a $1 per issue, and well worth taking a subscription. You'll find
something in every issue that's worth the cover price, and more.

>Another technical publication on the market is CQ Communications'
>"Communications Quarterly" magazine. It is a purely technical journal,
>with an increasing emphasis on the relationship between computers and ham
>radio. It's available on newsstands for $9.95/copy, or by subscription
>from CQ (1-800-853-9797 / 516-681-2922) for $29.95/yr (US - higher for
>DX).

To keep Rich from blowing his own horn too loud, let me be the one
to say that Communications Quarterly is an excellent journal. I've
found something worth the $9.95 in every issue. My only wish is that
it could come out more often, though I'll admit that would be hard
to handle if the per issue price remained $9.95. I'd sure pay $50
a year, though, for a 12 monthly issue magazine of this quality.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3357. Need HAM FTP sites !!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:34:17 UTC
From: tony@gcr1.com
Message-ID: <3k6tno$169s@tetsuo.communique.net>
Source record: 250748

Looking for good HAM FTP sites that may have mods and programs
for computer control on the FT-736R !!!
-
Anyone with any mods or CAT info (to build my own RS-232 interface) leave
me a clue !!

Tnx, 73
N5GPI

3358. Re: 2m/70cm Activity in Atlanta, Ga

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:48:24 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar15.144824.23100@ke4zv.atl.ga.us>
Source record: 250766

In article <795106557snz@g4kfk.demon.co.uk> Mike@g4kfk.demon.co.uk writes:
>Hi all,
>
>Could somebody please let me know the bandplans for 6m, 2m and 70cm in
>the Atlanta Ga area? The 1995 ARRL handbook seems a little vague on
>VHF/UHF bandplands. Also, are there voice repeater and packet BBS lists
>available for that area, and if so, from where could I get a copy?

The ARRL is a little vague because their national bandplans have been soundly rejected in some quarters by the coordinators. To get the exact plans for Georgia and 8 other Southeastern states, pick up a copy of the SERA Repeater Journal. The 70 cm bandplan has been recently revised, so the ARRL Repeater Directory is somewhat out of date. The SERA listings in the Repeater Journal are the only definitive list. HRO in Atlanta should have the Repeater Journal in stock.

For packet in Georgia, you'll want to contact GRAPES for the State networking plan. GRAPES is the SERA designated packet coordinating body for Georgia. In general, it's 1200 and 2400 baud on 2 meters in the 144.91 to 145.09 and 145.61 to 145.71 ranges, and 9600 and 56kb on 70 cm.

>Finally, are there any laws relating to importing radio equipment? I'm
>planning to import my Yaesu FT-5200, Alinco DRM06, Kenwood TS780 and
>possibly a Kenwood TS820S. Hopefully by the time this happens I'll have
>sorted out the appropriate USA licence :-)

I can't give you much guidance here. If the radios are importable under FCC regulations, and I believe the ones listed may be (at least if they don't cover cellular phone frequencies), then you shouldn't have any trouble. You may have to pay a duty.

When you get licensed here, drop by the 443.650 MHz repeater, CTCSS 100 Hz, and say hello.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3359. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:54:46 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1503950854460001@net67.metronet.com>
Source record: 250754

In article <hideg.1-1303952351130001@hideg.cc.nd.edu>, hideg.1@nd.edu
(Steve Hideg) wrote:
> What about the Super Stationmaster antennas from Phelps-Dodge (now Cellwave)?
>
> I have one on my 440 repeater in Ann Arbor, MI, and it works great.

Also an excellent antenna, however, in high-lightening areas, they get
blown apart (I've seen this first hand) and are difficult to repair.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI
Voice Mail: 214-246-1550

3360. Re: Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:58:24 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1503950858240001@net67.metronet.com>
Source record: 250755

In article <3k2qdu$69i@news.internex.net>, andy@pythagoras.org (The Tie-Dyed Side of the Force) wrote:

> Has anyone put together a weather radar system using ham radio?

While an actual radar system has not been put together in our (Dallas-Fort Worth) area, Channel 4 (KDFW-TV), with the help of local hams, re-broadcasts their doppler radar signal on the UHF Amateur TV band (approx 432 MHz). It is not broadcast all the time, but only during sever weather alerts in the DFW area.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI
Voice Mail: 214-246-1550

3361. Re: I need a gizmo!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 14:59:57 UTC
From: nw2l@aol.com
Message-ID: <3k6vdd$ic5@newsbf02.news.aol.com>
Source record: 250751

Very interesting idea. I don't know of a circuit offhand, but you'd basically want to build some sort of a switch that would sense the audio from your rig when the squelch opened, then shut off the audio from your car radio to that speaker and feed through the ham audio. You'd need to build one for each speaker, of course, and be sure that, when you switch one source "off," it's routed to an 8-ohm load. There are plenty of cheap switching ICs on the market; I'll bet there are folks here who could help you with specifics. And when you finally get something designed & built, it might make an interesting magazine article.

73,
Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos. Toll-free order line: 1-800-853-9797.

3362. Re: I need a gizmo!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:04:42 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar15.150442.23208@ke4zv.atl.ga.us>
Source record: 250767

In article <3k4i42$q6l@michp1.redstone.army.mil> helliott@traveller.com writes:
>I have need of a gizmo, and I don't know how to go about building it.
>
>I want to put together a device that would allow me to pipe my mobile
>radio audio output through my car stereo speakers, and I want the device
>to mute the stereo audio anytime audio comes out of the mobile. The
>channels need to be independent, since the dual band radio has dual audio
>outputs. Audio on the 2m band would mute the left stereo output and pass
>through the 2m audio, while the right side would do the same
>(independently) for the 70cm audio.
>
>Any help or suggestions?

Doc, getting rig audio out through the stereo is easy, getting it
to switch from entertainment audio to 2 way audio on demand is a
bit harder.

The no brainer method of hooking the 2 way to the stereo is to
just use a CD adapter. This is a "cassette" that plugs in the
stereo with wires coming out to connect to a portable CD player.
You just wire up left and right to the rig and you're in business.

An alternative is the CD adapter that goes in the stereo's antenna
lead and inserts a low power FM signal that you can tune on the
stereo. Again, just wire the two way's audio outs to the inputs
of the adapter.

Neither one of these does program muting when a call comes in.
They're all or nothing systems. If your stereo has external
amplifier jacks, and an external power amplifier, you can build
a switchbox to insert there which can be controlled by the two
way's COR signal. This is more involved, and requires minor
surgery on most two way radios to bring that signal out. If
your stereo is all-in-one, then you'll need to do surgery on
it as well. That can be a pain.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3363. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:09:58 UTC
From: nw2l@aol.com
Message-ID: <3k7006$ieu@newsbf02.news.aol.com>
Source record: 250753

Doug --

Radio Merit Badge still puts an emphasis on ham radio, but as a radio merit badge counselor who has had zero applicants in about 6 years, I can assure you that that doesn't make much of a difference.

From another perspective, I'm an Assistant Den Leader in my son's Cub Scout pack, and it is endlessly frustrating to me that the people who are running the pack -- well-intentioned as they are -- haven't the foggiest idea of what the program is all about. I say this as someone with over 20 years experience as a Scouter on district & council levels.

What they need -- as you quickly realized -- is education. Perhaps you and your son should schedule a talk and demonstration of ham radio, for his troop, certainly, but also for the district "roundtable," a monthly meeting where all the Scoutmasters get together to learn about program ideas, etc. Ask your son's Scoutmaster for the name and phone number of the district roundtable commissioner &/or the district Scout Executive.

One final note: I noted that you referred to the "head Scoutmaster" as "she." I was under the impression that the BSA required Scoutmasters to be men (and had won a lengthy court battle over the issue). Has this changed?

73,
Rich Moseson, NW2L
CQ Online

3364. Re: Who do I contact for TVI in Racine WI

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:16:41 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1503950916410001@net67.metronet.com>
Source record: 250752

In article <3k4j0l$h5@news.doit.wisc.edu>, Paulette Quick
<plquick@facstaff.wisc.edu> wrote:

> There is alledgedly a ham causing interference to the neighbors' TV and
> other electronic equipment. The location is Racine, Wisconsin, which is
> about 25 miles south of Milwaukee.

Well, since you're a ham, maybe you can contact the neighbor and find out
a little more about the interference. As you may be aware, most of the
time, when TVI occurs, it is a problem with the consumer electronic
equipment, and not with the ham's station.

Of course, no one wants to hear this. However, a simple little high-pass
filter for about $5 purchased at the local Radio Shack and connected to
the antenna input of the neighbor's TV will probably stifle the TVI. It
might be good PR if you just go out and buy these filters and volunteer to
put it in. I've done that before, and the problem was squelched.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI
Voice Mail: 214-246-1550

3365. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:18:02 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar15.151802.23332@ke4zv.atl.ga.us>
Source record: 250769

In article <n1416937397.65981@qmgate> dgra@qmgate.ECi-esyst.COM (Dana Rodakis) writes:
>The reason most newcomers don't know anything is that you don't have
>to know anything to get a license. You just have to memorize the
>answers. IMHO, making the question pools available is a cheat. Back
>when I got my license in 1978, you had to go to the FCC field office
>and face the man with the white shirt and black tie proclaiming "So,
>you want to be a ham radio operator, I don't think so!" You had to
>LEARN it to pass the test. 73, Dana, AJ1R.

Yeah, right. I guess you never heard of Dick Bash, or the ARRL License
Guide, or the AMECO study guide. While only Bash had the exact word for
word questions and answers, the others were close enough not to matter
unless your memorization was *totally* mindless. Even in the far distant
"good old days", the tests were never *that* tough or comprehensive.
Aside from the legal mumbo-jumbo that has to be memorized in any event,
and can change on political whim, the technical side of the tests has
never been very hard or very comprehensive, just some very rudimentary
circuit theory, and a small bit on near-DC propagation.

If you think merely passing the 1978 exam qualified you to discuss VHF/UHF
propagation modes intelligently, think again. Quick, what's the effect
of terrain roughness on your 50 uV contour at 70 cm?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3366. Re: Who do I contact for TVI in Racine WI

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:19:47 UTC
From: nw2l@aol.com
Message-ID: <3k70ij$ij3@newsbf02.news.aol.com>
Source record: 250756

Paulette --

First of all, you should make your neighbor aware that not only hams "cause" TVI -- and that unless he/she is certain the interference source is a ham, then he/she shouldn't be too quick to pin blame. Secondly, the neighbor should realize that, while the interference occurs only when a particular station is transmitting, the problem most likely lies in his/her home entertainment equipment, which most likely is not properly shielded/filtered against intereference from nearby signal sources. And the only way to resolve the problem is in cooperating with the person whose signal is resulting in the interference.

That said, there are two routes you can follow:
1) Contact a local club in the area and see if they have an RFI committee that can help track down and help resolve the problem.
2) Contact your ARRL Section Manager (see Pg. 8 of any recent QST), and ask to be put in touch with the section Technical Coordinator. There may be one or more Technical Specialists in the area who can help. Your SM may also be able to direct you to a club contact.

73,
Rich Moseson, NW2L
ARRL SM/NNJ

3367. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:27:06 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar15.152706.23450@ke4zv.atl.ga.us>
Source record: 250768

In article <3k27eu$6iq@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:
>I said:
>>>And there are alot of bozos. Especially in our
>>>area. Just this week I heard someone tell another
>>>ham the reason he heard a Springfield MA station
>>>(about 90 miles away) was due to "the snow and ice"
>>>in the air helping propagation. I didn't have the heart to key up and
>>>mutter the word "absorption" to him.
>
>In article <1995Mar10.165527.2649@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>Ah, but you should have. Well maybe *you* shouldn't have, but someone
>>could have explained the rudiments of propagation to him in a non-
>>confrontational way that could have made for an enjoyable QSO for
>>both parties.
>
>Sorry, I guess I was mistaken that absorption was a basic concept covered
>even in the Codeless tech material. Silly me.

Indeed silly you. It's not even covered in any meaningful way on the
Extra exam. But now that you mention it, what *is* the absorption at
2 meters of snow and ice? Say at a rate of fall of 1 inch per hour.
Bet you don't know. I know, but that's because I have to know as a
part of my profession, and it wasn't on the commercial license exam
either. It was something I had to learn *after* being licensed.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3368. Re: General Motors and Ra

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:39:15 UTC
From: ehare@arrl.org
Message-ID: <1995Mar15.153915.24528@arrl.org>
Source record: 250759

Quoting Wcoyle03-07-95 21:19elphi.com to All <=

>If anyone knows who I would contact at General Motors
>(Chevrolet) about guidelines for installing 2 way radio
>equipment in a GM vehicle, please let me know. I tried the
>customer service # in the owners manual and they were no help.
>My primary concern is voiding my warranty. I'll be primarily on
>2 meters.

When I wrote my September 1994 QST article about the auto manufacturers' policies, GM told me that their published installation guidelines represented GM's sole statement of policy. They also told me that the dealers and dealer network would be able to answer questions, supply the GM installation guidelines.

As can be seen in the article, GM customer-factory service does not know anything about technical bulletins or EMI problems. Apparently, they keep a staff there just to tell people to contact their dealer. From reports I have received, some dealers are not able or willing to locate the GM installation guidelines.

Each GM subsidiary has their own numbers. To help, here are the TSB numbers for each:

Buick - 93-9-1
Cadillac: pending, bulletin number was not available at press time
Chevrolet - 93-24-9A
Oldsmobile - 93-I-07
Pontiac - 93-9-1
North American Truck - 93-9-23
Canada - 93-8A-104
Saturn - pending, it was reported that they were working on a possible video

The GM installation guidelines were reprinted in the ARRL book, "Radio Frequency Interference: How to Find It and Fix It." ARRL Members can obtain a free copy of the guidelines by sending a large SASE with two first-class stamps to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. Ask for the "GM Installation Guidelines" package.

Refer to my articles in September 1994 and March 1995 QST for additional information.

73 from ARRL HQ, Ed

: Wc>
: Wc> Tnx & 73
: Wc> Bill, N3OGH

: I can't find the one I recieved abt 4 years ago.
: But you contact
: GM Proving Grounds.
: Milford, Mich

: These are the people I contacted abt 4 tears ago. And they sent
: me a small booklet on the subject of INSTALLING 2-Way radios
: In GM VEHICLES.

: I don't know the address But they are at the End of :
: General Motors RD.
: If I find my copy I will write you again with more info

: Bill
: N8JOS

: ... Not tonight, dear. I have a modem.
: ___ Blue Wave/QWK v2.12
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

3369. Re: PL-259 vs. N-style connectors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:45:55 UTC
From: zlau@arrl.org
Message-ID: <1995Mar15.154555.24999@arrl.org>
Source record: 250762

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: For very high power use, more than amateurs are allowed, the C or the
: EIA connector will be used. The C connector looks like a N connector
: on steroids, and the EIA connector uses a bolted flange. It comes
: in several sizes.

The C connector is a quick disconnect bayonet connector that might
be considered an oversized BNC connector. Its about the size of an
N connector. There is a high voltage version that handles 4 kV, but
is only rated to 2 GHz. Standard Amphenol C connectors have the same
specifications as the N connectors--0-11 GHz, peak voltage rating of
1500 volts. I've heard of one VHF+ contestor using C connectors on
his portable equipment--reduces setup time compared to N connectors.
They are often reasonably priced at hamfests, like most other oddball
connectors.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3370. Re: PL-259 vs. N-style connectors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:51:08 UTC
From: zlau@arrl.org
Message-ID: <1995Mar15.155108.25114@arrl.org>
Source record: 250761

KB8WKE Les Butler (lbutler@umcc.umcc.umich.edu) wrote:

: The N connector is used at U.H.F. frequencies because it has little loss
: at those frequencies and the Pl-259 has a high loss at U.H.F. and above.
: The higher the frequency the higher the loss with PL-259 although the
: lower U.H.F. freqs it will work for.

Actually, high quality PL-259s have relatively little loss. The problem
is the impedance mismatch, not the loss. Thus, you have to be careful
about replacing UHF connectors with N connectors on 70 cm gear. The
equipment may require re-tuning to compensate for the lack of an
impedance bump. At 2 meters the impedance bump is small enough to ignore.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3371. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 15:56:55 UTC
From: zlau@arrl.org
Message-ID: <1995Mar15.155655.25317@arrl.org>
Source record: 250763

Zack Lau (KH6CP) (zlau@arrl.org) wrote:

: The latest Antenna Compendium, volume 4, has some performance
: comparisions in the article "An Investigation Of 2-Meter HT
: Antenna Performance." According to measurements, the long
: extended whips outperformed the worst duck antennas by about
: 10 dB. They did a lot of work--its 7 pages long.

I might add that they authors didn't measure a big enough
difference between antennas of the same class to justify
identifying the manufacturers, though you might be able to
figure it out from the antenna size chart. This isn't a
product review.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3372. Re: Connector losses + FT747 useful mod

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:02:06 UTC
From: gordy@gbscomms.win-uk.net
Message-ID: <213@gbscomms.win-uk.net>
Source record: 250774
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <3k5uij$ibp@tadpole.fc.hp.com>, Bret McKee (mckee@fc.hp.com) writes:
>I am setting up my Yaesu 747 to be the IF for a transverter. The rig
>uses some small coax with "Weird Yaesu coax connectors" to connect the
>RF board to the power amplifier and to connect the antenna to the
>receive-in on the RF board.
....
>through EIGHT connectors (SIX of which I'm adding). This has me worried
>about the losses from those connectors. My _ARRL Handbook_ does not
>have a table of connector losses, and I'm hoping someone out there does,
>or has a better idea.

losses thru any connector at hf are normally nothing to worry about, in my opinion.

>>I could replace the back to back connectors with four very small PC board
>boxes, soldering the coax together inside. I could also directly wire the
>source selector to the cable. Or am I just worrying about nothing??

I think ur just worrying about nothing. Here's what I did many moons ago:-

1. Fit a switch in the logic cable that disables the pa board (see below)

2. Snip the mini-coax leads in half (both tx and rx) and attach them onto the back of a couple of bnc connectors or similar on the back of the rig. (if you do it carefully you won't even cut the braid) I use BNC connector because they are easy to connect up when they are at the back of the radio when you are all fingers and thumbs, but make a note of the positions of the TX and RX connectors so that you don't "brown-hole" it and stuff the RF out up the RF in hole etc

3 Either swap the bnc leads to connect up the kit or fit a 3-switch to select the direction/source required.

Note that you don't have to worry about the switching rf away from the pa if you use the logic line to disable the pa altogether ..... hang on, I'm getting the service manual out......
it's a 3 wire lead from the main board to the pa unit:-
J06 on the main board, pin 1=gnd, pin 2(centre, the one to fit a switch in) TX9V, pin3=13.5v this connects to...
J03 on the pa unit

this is what you should have....

<------------\ /------------>
TXmain bd \ / paTX
\/
bncTX pa unit (now switched) (please, no jokes
about class D etc :-)

<------------\ /------------>
RXmain bd \ /
\/
bncRX paRX

---------------------------------13.5v
pa sw/ off
J06-----------/ --------------------TX9v J03 pa unit
main bd on
---------------------------------gnd

If you get problems with breakthrough on the receive side either manually disconnect the main hf antenna out of the back of the pa unit (PL259) or fit a coax switch in the feedline.

NOTE
You can also use the bnc o/p as a low level, synthesised, all mode signal generator. If you have general coverage TX enabled it's very useful on the workbench, but turn the pa off before you start! I'm a UK class B licensee so I've cut the TX9v lead altogether, so I can't make any cock-ups when servicing commercial kit.

The o/p from the TX drive is quite low, so it may need a stage of amplification before driving a transverter.

Good luck

Gordy

--
SIGint, geddit?

3373. Re: Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:06:21 UTC
From: dtiller@rmc.edu
Message-ID: <3k739t$8@gnd0.rmc.edu>
Source record: 250764

Horrock (horrock@aol.com) wrote:
: Would pluse one-way Carriers, with no data/voice/etc on it be legal?
: In this case no, I don't think so - there would be no communications going
: on.

: Where video from a ground controlled RC airplane is legal under
: special provisions.

Pulse emissions are legal on some of the microwave bands, not on others.
(10 GHz is a classic no-no I guess it'd interfere with police radar or one
of the other users in the band...) As for the legality of it, I defer to
sharper legal minds than my own (Gary Coffman, are you listening.....)
--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

3374. Listing of misc. HAM WWW sites

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:08:54 UTC
From: klimas@uhavax.hartford.EDU
Message-ID: <0098D656.017B2980.41@uhavax.hartford.edu>
Source record: 250773

Partial Listing of HAM WWW Page URL addresses on Internet by WZ1V:

OH2BUA WWW Page
> For those of you with WWW capability, you might check into OH2BUA's
> home page. It can be reached at:
http://www.clinet.fi/~jukka/
> It has dx clusters listings and solar activity announcements. It's
> mostly DC band DX but I have also seen 50, 144 and 432
> announcements. TNX to W3IWU for this lead.

>For a WWW server with the latest QRZ CD-ROM, go to the source at QRZ:
> http://www.qrz.com/callbook.html
The QRZ Anonymous FTP Server
ftp.qrz.com

Boston ARC Web page:
http://www.acs.oakland.edu/barc.html
> latest ARRL bulletins & more.
---
the ARRL now has a web presence, thanks to Scott Erlich (WY1Z).
http://www.acs.oakland.edu/barc/arrl.html

Callsign Server
> http://www.mit.edu:8001/callsign
>

NEWSLINE AMATEUR RADIO NEWS - a very good ham radio newsletter.
http://www.acs.ncsu.edu/HamRadio/News.html

W4ATC - N.C. State University Student Amateur Radio Society (StARS)
http://www2.ncsu.edu/eos/users/d/dbhopper/www/w4atc.html

Ham Radio & More Station List: WWW Home Page. It has information on
upcoming shows, reviews of past shows, and even theme music. It is
updated courtesy of the Boston Amateur Radio Club.
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

I have created a WWW page that has the QRZ callbook and DX info along with
various other amateur radio related WWW pages. Please drop by and sign
the guest book when you get there! The URL is;

file://ftp.crl.com/users/ro/jeffj/www/home.html

jeffj@crl.com AB6MB KPFA 94.1 Bay Area Progressive Radio!

```
------------------------------
WWW page URL site for multiple Callbooks including QRZ, US, UK servers:
http://www.cc.columbia.edu/~fuat/cuarc/callsign-servers.html
------------------------------
Other WWW page URL sites, misc. amateur radio:
http://dice.dac.neu.edu/Homepages/paul/al.html
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html
http://www.acs.ncsu.edu/HamRadio
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html
http://www.cam.org/~dino/ham.html
------------------------------
_\\///_
co-founder: (' O O ') North East Weak Signal group, ARRL affil.
---------------ooO-(_)-Ooo-----------------------------------------
| 73 de Ron WZ1V, email: klimas@uhavax.hartford.edu |
| Grid FN31mp BBS: 203-768-4758 (weeknights/weekends only) |
-------------------------------------------------------------------
```

3375. Re: Callsign.CS.Buffalo.Edu 2000

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:09:38 UTC
From: dtiller@rmc.edu
Message-ID: <3k73g2$i@gnd0.rmc.edu>
Source record: 250765

W8IJ Dave (w8ijdave@aol.com) wrote:
: TELENT callsign.cs.buffalo.edu 2000 used to get me to a nice callsign
: lookup service. Now, when I try to connect to it, I get the message
: "sorry, this server won't let us use the SUPPRESS GA option!
: Disconnecting". Anyone know what the problem is? I don't understand it
: because I thought BUFFALO was in NEW YORK, not GEORGIA ;-)

Supress GA means supress Go Ahead - an ancient option to the telnet
protocol that is universally supressed these days. Has the software
on your end changed? Do you have trouble connecting to other sites?
Email me...I'll try to help.
--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

3376. Re: Novice questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:15:47 UTC
From: zlau@arrl.org
Message-ID: <1995Mar15.161547.26160@arrl.org>
Source record: 250771

NW2L (nw2l@aol.com) wrote:

: As for HF operation (160-10), you're best off buying the most that you can
: afford right now, because the rig will likely last for many years, so you
: should get as much as you can in your initial purchase. Today's rigs are
: so miniaturized and so complex that it often costs more to gather the
: parts needed for building your own than to buy a commercially-produced
: radio. That's why there are so few kits out there anymore.

Actually, there are quite a bit of kits out there. However, most of the
kits are either for simple projects (QRP transceivers) or advanced projects
(microwave transverters or DSP platforms). But, Rich is right if you want
a basic radio for the purpose of talking to people, you are better off
buying one. Building is great for learning--but only a few experts can
save money by building their own all band/all mode HF transceiver. Clubs
like the QRP Club of New England and the Northern California QRP club have
had a lot of success with club projects--I'm not sure if the next NorCal
project will really fall into the "simple" category...

: There are still people using transverters for SSB/CW work on VHF/UHF;
: they're a lower-priced alternative to buying separate multimode rigs for
: each band. Unfortunately there aren't many out there (I don't know if
: anyone still sells them new), so you'd have to build your own or scout
: around at flea markets.

Ten Tec sells a 6 meter transverter kit.
Down East Microwave sells kits and assembled units--all the way
through 5760 MHz.
SSB Electronics sells transverters, but these German imports
aren't cheap.
Tokyo Hi Power also sells tranverters, but I don't think anyone
is importing them from Japan at this time.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3377. Re: NO CODE TECHS GETTING THE SHAFT ON LOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:19:01 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3k741l$6v7@abyss.West.Sun.COM>
Source record: 250760

In article 14I@news.hawaii.edu, jeffrey@math.hawaii.edu writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>Passing a 5 WPM beeping test wouldn't have taught him
>>a bit more about propagation than the exam he took.
>
>Your bias against HF is showing again. Passing the 5wpm test
>would have enabled him to get on the low bands and learn first
>hand about propagation.

C'mon, Jeff, your bias against anything Gary says and your
bias in favor of CW are both evident in this statement.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

3378. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:25:29 UTC
From: sjking@freenet3.scri.fsu.edu
Message-ID: <3k74dp$luv@freenet3.scri.fsu.edu>
Source record: 250687
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Tom Randolph (randolph@est.enet.dec.com) wrote:

> Yup, my wife has the 202, and I get to play with it a lot... This radio never
> ceases to amaze me! Hooked up to an outside antenna, it makes a decent
> base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery,
[snip]

That's amazing! Especially since the specs say only 6W out with 13.8V in.

--
Steven King SJKing@Freenet.FSU.EDU | "I have never really understood the
ICBM: 29N 41' 26" / 82W 21' 17" | rationale behind sports...which all
http://www.freenet.ufl.edu/~afn01115 | just seem like exhausting new ways
http://www.freenet.ufl.edu/~gars | of getting injured while sweating."
(The above are WWW pages I admin.) | - Libby Gelman-Waxner, Premiere 12/94

3379. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 16:41:24 UTC
From: rburgan@detroit.freenet.org
Message-ID: <3k75bk$9ip@detroit.freenet.org>
Source record: 250693

StationMaster antennas have been used in Commercial systems for
years with great durability and performance, but at quite
high costs. We recently removed one from one of the towers
we are on, had been there since the late 50's, and still worked.
It was badly chewed up, though. In fact, we used it one winter
for 146.88. We replaced it with a Diamond Dual bander, 440/
146 with 6 db gain at 146. Thing to watch, is not to go for
excessive gains, or you'll tend to find poor signal areas in
lower terrain elevations.
--

3380. Re: W1AW on my shortwave radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 17:02:13 UTC
From: billsohl@earth.planet.net
Message-ID: <3k76il$33b@jupiter.planet.net>
Source record: 250720

KBnMatt (kbnmatt@aol.com) wrote:
: I'm in Pasadena, California (within Los Angeles County) and would love
: to be able to pick up W1AW's broadcasts either on my shortwave radio or on
: my 2-meter handheld. Has anyone in Southern California had any luck in
: doing so? Does it take a biiiig antenna? I feel stupid because I can
: pick up things like Radio Havana and Radio Austria, but not W1AW which is
: so much closer. Send advice!

W1AW is located in Newington, Connecticut. Forget any chance
of receiving their broadcasts on 2 meters...just too far.

Your best chance is to try any receive their high frequency
broadcasts (3.5815MHz, 7.0475MHz, 14.0475MHz, 18.0975MHz and
21.0675MHz...these are the W1AW Morse Code frequencies)

The W1AW voice frequencies are: 3.99MHz, 7.29MHz, 14.29MHz, 18.16MHz,
21.39MHz and 28.59MHz.

Hope that helps.
Cheers,
--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3381. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 17:11:36 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD5HrrD.Kwx@netcom.com>
Source record: 250775

Dana Rodakis (dgra@qmgate.ECi-esyst.COM) wrote:
: The reason most newcomers don't know anything is that you don't have
: to know anything to get a license. You just have to memorize the
: answers. IMHO, making the question pools available is a cheat. Back
: when I got my license in 1978, you had to go to the FCC field office
: and face the man with the white shirt and black tie proclaiming "So,
: you want to be a ham radio operator, I don't think so!" You had to
: LEARN it to pass the test. 73, Dana, AJ1R.

I have to agree. When I went to Detroit to get my general in 1967, workers were tearing out the back wall of the office while we took the code test. The examiner wasn't about to cut us any slack, because "Conditions will be difficult on the air, after all." These guys had about the sense of humor of IRS agents.

Now that I'm going for my extra, the advice I'm getting is to use one of the computer-based packages to get up to speed. Essentially this amounts to memorizing the questions and correct answers. Even a longtime friend, who knows the world about electronics theory, advises me to focus on the questions, and not even to read the chapters in the _ARRL Extra Class License Manual_.

A lot of the folks who are debating the merits of code/no-code seem to have forgotten that lack of math skills made passing the general exam as much of a nightmare to those who could copy 15 wpm or more, as the code was to others. Simple algebra, like rearranging the variables in Ohm's law, was a tremendous obstacle.

Jim - KF6CR

--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3382. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 17:38:28 UTC
From: little@iamu.chi.dec.com
Message-ID: <3k78mk$q6@jac.zko.dec.com>
Source record: 250681

In article <CSLE87-140395185700@145.1.114.19>, CSLE87@email.mot.com (Karl Beckman) writes:
|>The FD rules from 1994 did require that the Novice station must operate
|>under a different callsign than the primary entry. They also stated that
|>no person may operate from more than one Field Day station. Therefore any
|>person who operates the N/T station is automatically prohibited from
|>operating the primary station at some other time during the Field Day
|>contest.

Could we get a clarification on this from the ARRL? I was under the
impression that the N/T station was still part of the "one" field day
station for purposes of operating and scoring. As such, novice tech
operators could also operate the other stations. If this is not the case,
then I think the rule should be changed. We'd love to let the N/T in our
RACES organization operate any radio they'd like to try. That only seems
to make sense. Should they be prevented from making satellite contacts on
our satellite station because they operated their N/T station? I think
not. Billy Lunt, what say ye?

--
73, Member of RACES, ARRL, Arlington Communications League.
Todd Trained weather spotter and sponsor of the Hunting Ridge
N9MWB Elementary School Radio Club. See you on 160-1296 and OSCAR.

3383. Re: QSL ROUTE on IK4LZH Server: report

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 17:40:10 UTC
From: zilch0@primenet.com
Message-ID: <3k78pq$eca@news.primenet.com>
Source record: 250777

I just want to broadcast my appreciation for this WWW server. I have scoured the Net for International Callbook servers and could not find any when I read a post in this newsgroup about IK4LZH's WWW page. It's a BEAUTIFUL interactive database that let's you do queries but also let's you update existing QSL info and add new info for new callsigns, international or domestic (speaking from my U.S. perspective.) Check it out and use it. I have put in more calls than I've taken and over time, with everyone contributing, especially for rare operators currently on the air, this database promises to be superior to any CD or paper callbook resource that could be purchased.

Thanks to IK4LZH!

73, AB6SL

/----------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3384. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 17:46:59 UTC
From: little@iamu.chi.dec.com
Message-ID: <3k796j$q6@jac.zko.dec.com>
Source record: 250685

In article <D5Gqx6.KAH@zeno.fit.edu>, wnewkirk@bb.iu.net (William Newkirk) writes:
|>In article <3k4egf$i3s@news.ualr.edu>, Doug Mauldin <gdm@fermi.ualr.edu> wrote:
|>>to his Boy Scout troop meeting to show them off. The Scouts have
|>>historically been involved in amateur radio, right? Well, guess again.
|>>The scoutmasters confiscated his HT until after the meeting and told him
|>>not to bring it back.
|>
|>do they still have the radio merit badge or is that all wrapped up in
|>a "communications" badge these days?

Yes they do, but apparently it is not a very popular merit badge. A friend
of mine is a merit badge counselor for Radio Merit Badge and in the last
some number of years hasn't had anyone come for the badge. Apparently all
the press about child molestation has greatly curbed the use of merit
badge counselors that are not directly associated with the troop. What
an unfortunate state of affairs! I would certainly never have gotten
a bronze palm by only going to my troop's merit badge counselors.

Also, I would have thought it would be common courtesy to check with the
scoutmaster before bringing something for "show-and-tell". As to not
knowing what it was, sounds like a perfect opportunity! I have given
amateur radio demonstrations to boy scout troops and they love it. Nothing
like hearing AO-13 and the BBC to peak their interest. Call the scoutmaster
and volunteer to put on a presentation on radio communication. Use that
as a chance to explain amateur radio, emergency communications and its
relevance to the Boy Scouts, existing scouting related radio activities
such as the Jamboree On The Air, etc.

--
73, Member of RACES, ARRL, Arlington Communications League.
Todd Trained weather spotter and sponsor of the Hunting Ridge
N9MWB Elementary School Radio Club. See you on 160-1296 and OSCAR.

3385. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 18:13:04 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3k7ang$70q@abyss.West.Sun.COM>
Source record: 250599

In article 65981@qmgate, dgra@qmgate.ECi-esyst.COM (Dana Rodakis) writes:
>The reason most newcomers don't know anything is that you don't have
>to know anything to get a license. You just have to memorize the
>answers. IMHO, making the question pools available is a cheat. Back
>when I got my license in 1978, you had to go to the FCC field office
>and face the man with the white shirt and black tie proclaiming "So,
>you want to be a ham radio operator, I don't think so!" You had to
>LEARN it to pass the test. 73, Dana, AJ1R.

I was first licensed back in 1977, and I didn't have to go face
anyone down. My novice test was given by a volunteer, and I
passed the elements leading to an Advanced class license at the
San Francisco FCC office over the time frame of 1978-1980. I
took these tests in groups, and the proctors were all very pretty
young women.

I passed the Extra elements in a VE session. No notable difference
in the process other than I knew the people proctoring the exam in
the first place.

As many have pointed out, there were plenty of know-nothing hams
even in 1978.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

3386. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 18:24:57 UTC
From: danb@acme.csusb.edu
Message-ID: <3k7bdp$hm3@news.csus.edu>
Source record: 250678

Bruce Miller (brucem@eskimo.com) wrote:
: Anybody have any thing to report about the Radio Shack
: 2m handhelds? Good, bad, indifferent, etc? I'm
: contemplating a low-end (not much $$) purchase.

My only complaint with mine has to do with the backlighting.
Other than that, it seems to be a great radio, built about like a brick
(i.e. sturdy) and (as far as I can tell) very good RF performance.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu -- finger for PGP 2.6.1 public key
Don't Tread on Me

3387. Re: New Haven, CT HamInfo wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 18:47:23 UTC
From: murphy@dsc70
Message-ID: <3k7cnr$9dk@gate2.gdc.com>
Source record: 250682

In article <5k6ZFrX.sdoug@delphi.com> SCOTT DOUGLAS <sdoug@delphi.com> writes:
>sparks <hubbert@minerva.cis.yale.edu> writes:
>
>>I'm new to the east coast and would like some info on repeaters, clubs,

Several repeaters are listed in the ARRL repeater directory, but some of the active local ones are: 147.36+ in Wallingford, 146.61- in New Haven,
145.29- in Killingworth, and 147.09+ in Glastonbury.

Club addresses can be obtained from the ARRL (a Conn benefit - it is somewhat local about 30 miles north of New Haven) telephone 203-666-1541.
Some clubs are:
SCARA - Southern Conn ARA in New Haven
MARC - Meriden ARC in Wallingford
SARS - Shoreline ARS in Killingworth
?ARA - Milford club
If you want any info about MARC e-mail back to me.

>>radio stores, etc for the New Haven area.
Limited for ham radio equipment...Rogus Electronics in Southington and Lentini in Newington

Welcome to the area
73 Dan KA1SZP
>

3388. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 18:51:40 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1995Mar15.125140@fndcd.fnal.gov>
Source record: 250679

In article <3k5aea$7i9@newsbf02.news.aol.com>, horrock@aol.com (Horrock) writes:
> May Rat Shack and ALL its RATS burn in HELL!!

Thank you for that highly informative contribution.

--
==
[Fermi National Accelerator Laboratory]
==
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==

3389. FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 19:06:55 UTC
From: HWDX09A@prodigy.com
Message-ID: <3k7dsf$1aae@usenetw1.news.prodigy.com>
Source record: 250684

The following was printed in the March 1, 1995 issue of the W5YI Report
and is a very interesting responce to K1MAN on the ongoing interference
complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.

Dear Mr Baxter :

A matter was brought to my attention several days ago that I need to
discuss with you. We have been informed by certain amateur radio
operators
that you claim to have an ex-clusive right to use a certain frequency
and
that you are telling other amateur radio operators that if anyone uses it.

I will revoke their license. Since the first person who complainded to
us
would not have any reason to know my name it appears the allegation
might
be true. We are investigating

I have suggested to the Field Operations Bureau and the Wireless
Telecommunications Bureau that if you have, in fact, in the alleged
conduct, they should consider holding a hearing to determine your
fitness
to remain an FCC licensee. I am making no representations as to whether
or not such a hearing would be held or what the and what the result of
it
might be. However, if you are using my name or the name of any other FCC
employees to threaten other amateur radio operators with sanctions, you
should cease doing so immediately. You have been a licensee long enough
to
know the proper complaint channels.

I have also received a copy of a letter you sent to an Assistant
United States Attorney in Maine. For your infor-mation I did not write
the
letter Ms Malone sent to you, but I do concur with it. Your reply
suggests
to me that you may very well lack the character qualifications to be a
FCC
licensee. You certainly lack the maturity but that is, unfortunately,
not
grounds for revocation. While we do encourage people to bring violations
to our attention, there is a fine line between being a good citizen and
making improper threats. At the very least, you appear to be close to
that
line.

If it is ultimately determined that you have made improper threats, that determination could result in a hearing to examine youe fitness to remain an FCC licensee and/or criminal prosecution. I make no representation as to what the outcome of any proceeding might be since I am not the one who will make that decision. However you should take Ms Malone's and this letter very seriously.

Although you have not used lawyers in the past, I suggest that you consult with an attorney knowledgable in FCC procedures about your alleged
conduct. I also urge you to consulty with an attorney concerning MS Malone's letter. To provide you with some incentive to do this, let me say
that if you wish to communicate with me for any reason, it must be done through an attorney. I will not accept any letters or telephone calls from
you personally. Besides for making for more orderly procedures here, using
an attorney would clearly be in your best interests. I would also strongly
suggest that you not send letters to anyone similar to the letter you sent
to Ms Malone. As I previously indicated to you, such letters suggest to anyone who reads them that you may indeed lack the qualifications to hold
an FCC license.

signed --- John P. Greenspan, Counsel

CC --- Gail Fisk Malone, Esq

3390. Re: Repeater Antennas: Co

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 19:55:00 UTC
From: jeff.sumberg@sailbbs.woodybbs.com
Message-ID: <8A5837F.012F0001E3.uuout@sailbbs.woodybbs.com>
Source record: 250711

hideg.1@nd.edu (Steve Hideg) wrote:

SH>What about the Super Stationmaster antennas from Phelps-Dodge (now Cellwave)?

SH>I have one on my 440 repeater in Ann Arbor, MI, and it works great.

We just replaced our repeater antenna (2m) with one of these. The original
was also a SS that had been in service 25 years. Definitely a good antenna,
but pricey, as it's commercial grade. I think we (the club) paid around
$600 for it.

73, Jeff, N2VYU
Editor, Ramapo mountain ARC newsletter.

Internet: jeff.sumberg@sailbbs.woodybbs.com
---
* DeLuxe2 1.25 #32s *

3391. QST magazine address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 20:39:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <4cf_9503170633@woodybbs.com>
Source record: 250713

BI>Anyone know how I may get in touch with QST, magazine?

Sure:

American Radio Relay League (ARRL)
225 Main Street
Newington CT 06111

203-666-1541

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3392. Re: Washington DC Area Hamfest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 20:46:35 UTC
From: ehare@arrl.org
Message-ID: <1995Mar15.204635.1944@arrl.org>
Source record: 250692

In article <3jl6ol$68e@usenetw1.news.prodigy.com>, RJYT51A@prodigy.com (Phillip Perry) wrote:

> Hello, this is Phil N5QCN at Ft. Meade, Md. This is a hamfest at the
> Timonium Fair Grounds, on March 25th and 26th. If you don't know where
> Timonium is, it's just on the Northside of Baltimore. There is a Talkin
> on 146.670 / - so you can probably get on there and find more
> details. If you need anymore info, go ahead and e-mail me. 73 Phil
> N5QCN

Stop by the ARRL booth and say hello; I will be the HQ representative at the Convention. I will also be doing a 1-hour RFI presentation, at 2:00 Saturday afternoon.

73 from ARRL HQ, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

3393. Re: RE-NO CODE TECHS GETT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 20:48:00 UTC
From: john.hiatt@alley.com
Message-ID: <d3.2522.1120@alley.com>
Source record: 250686

WN>and in 1978 there were Q&A books all over the place. and the
WN>tests were multiple choice.

WN>test yourself. get a copy of the q-pool and see if you can get
WN>100% on the whole thing in one sitting. betcha can't miss
WN>just one...

I had a No-Code study book and computerized sample tests. I didn't just memorize. Anything I didn't understand why it was so, I went back and read up on it. By the time I was ready for the test, I could look at ALL the answers and reason out why 3 of them were incorrect. I knew my stuff at the time. Just to keep sharp I retake the computer generated test every few months to try to stay sharp. I'm still working on learning the code. I only know about half the characters so far, but can copy them at about 10 words a minute.

John KC7DRI

---
* OLX 2.1 TD * "Floggings will continue until morale improves!"

3394. ARRL Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:03:00 UTC
From: kroner@leotech.mv.com
Message-ID: <795431414.F00001@leotech.mv.com>
Source record: 250714

To: dra@pipeline.com

WFS>From: schildha@vnet.ibm.com (Wayne F. Schildhauer)
WFS>Organization: IBM Corporation

WFS>>Does anyone know the URL for the ARRL Web homepage?

WFS>http://www.acs.oakland.edu/barc/arrl.html

WFS>73 de KR4QE Wayne

WFS>Wayne F. Schildhauer
WFS>Boca Raton, Florida

WFS>---
WFS> * Origin: NETIS Public Access Internet 603-432-2517
(1:132/189.0)

* OLX 2.1 TD * Back Up My Hard Drive? I Can't Find The Reverse
Switch!

* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

3395. Re: Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:03:58 UTC
From: mark@ERA.COM
Message-ID: <MARK.95Mar15160358@pooh.era.com>
Source record: 250689

On rec.radio.amateur.misc, cmoore@sedona.intel.com posts:
>
> > If I wanted to send Jonathan my copy of Windows 3.1 that I no longer
> > use, and delete it off my system. (which I have already done as I run
> > 3.11 WFW) then I don't see how I am breaking any laws. I am simply
> > giving him my old unused copy of that program. I have removed it from my
> > system so it will not be installed on two systems at once. Where is the
> > legal problem??
>
> I'm no lawyer, but I'm pretty sure it violates the Microsoft copyright
> if you upgrade from 3.1 to 3.11 and give away 3.1 Software gets stolen
> all the time and I object to the practice. Can't see how you can dis-
> agree.

I'm no lawyer either, and I don't agree with theft of software, but
after reading the license, I think I can disagree with your assessment
of whether or not giving away an unused copy of a program violates
Microsoft's license agreement (or the law, for that matter).

From the "Microsoft License Agreement" found in the front cover of the
"Read This First" booklet packaged with Windoze, Windoze for
Workgroups and the upgrade version (my comments in parentheses):

(Section 1 covers permission to use the product and when it is
considered "in use.")

2. UPGRADES. If the SOFTWARE is an upgrade from another
software product licensed to you, whether a previous Microsoft
product version or a third-party product, the SOFTWARE must be
used and transferred in conjunction with the upgraded product,
unless you destroy the upgraded product. If the SOFTWARE is
an upgrade to a component of a package of software programs
which you licensed as a single product, the SOFTWARE may be
used and transferred only as part of that single product
package, and according to the License Agreement earlier
provided with that single product package.

(Section 3 covers what material is covered by the license and
when it may be duplicated.)

4. OTHER RESTRICTIONS. You may not rent or lease the
SOFTWARE, but you may transfer the SOFTWARE and accompanying
written materials on a permanent basis provided you retain no
copies and the recipient agrees to the terms of this
Agreement. You may not reverse engineer, decompile, or
disassemble the SOFTWARE, except to the extent that such

foregoing restriction is expressly prohibited by applicable law.

(Section 5 covers software distributed on multiple media in
the same package. Section 6 covers language software and
isn't applicable to the Windows products.)

If you've read and understood sections 2 and 4, ask yourself these
questions:

- Is the Windows license transferrable?
- Is Bob's copy of WFW covered by a new license?
- Has Bob met his end of the transfer terms?

Keeping in mind that Bob never mentioned whether or not his copy of
WFW was an upgrade kit and assuming he'd physically transfer his old
copy of windows to Jonathan (as opposed to shipping it over the 'net),
would anybody care to give a *definitive* answer as to whether or not
Bob can transfer his old copy of Windoze to Jonathan? (For more
thoughts on net.lawyers, see the .sig quote below.)

- Mark

....
: Mark A. Feit, KR4FH : Engineering Research Associates :
: mark@era.com ...!uunet!era!mark : Advanced Communications Division :
....
"Usenet is like a herd of performing elephants with diarrhea --
massive, difficult to redirect, awe-inspiring, entertaining, and a
source of mind-boggling amounts of excrement when you least expect
it." -- net.personality Gene Spafford, 1992

3396. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:12:16 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3k7l7g$osh@hacgate2.hac.com>
Source record: 250688

In article 951369@microvst.demon.co.uk, tgold@microvst.demon.co.uk ("Anthony R. Gold") writes:
>In article <3k1n4k$ije@hacgate2.hac.com>
> suggs@tcville.es.hac.com "Brian Suggs" writes:
>
> > Actually, I would consider 97.521 the only occurence of the phrase "these rules" > which could be used to argue it means only part 97. One occurrence does not
> > equal "applied with consistancy". Further, even this occurrance doesn't
> > convince me. Paragraph (d) says that the VEC will assure that the examinee who
> > is qualified is registered without regard to x, y, z... Not that the VEC is
> > assuring he is qualified under these rules. I don't think any of the VE's at
> > sessions I have attended have made any attempts to verify that examinees were
> > not representatives of foreign governments.
>
>There you go again :-)
>
>Nothing says that the VE assures anyone that the examinee is qualified. It
>simply says that the VE will assure that qualified examinees are registered.
>If the VE had another duty which was to prevent registration of the non-
>qualified, you would indeed have a point.

Umm, but that *was* my point. I think we're agreeing here. The VE is not assuring he is qualified. Thus the issue of whether "these rules" refers only to part 97 or to all of Title 47 cannot be inferred from the fact that it would be unreasonable for the VE to need to apply this larger body of rules, as you were arguing, since the VE isn't responsable for assuring that the examinee is meeting them.

> The absence of a declaration
>with regard to being a diplomat or a spy if a defect in Form 610 and not
>an ambiguity in the rules. If you simply register everyone for whom you
>have no knowledge that they are unqualified, you will have complied with
>this sub-section.

Again, I have no disagreement.

> > Oh, and be assured that I *have* studied the text. :)

> > -Brian AC6GV, ARRL and GLAARG accredited VE

>I appologise for appearing to imply otherwise.

Not necessary, but thanks anyways. People are taking this whole discussion far too seriously.

-Brian

3397. subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:41:37 UTC
From: jnichols@ednet1.osl.or.GOV
Message-ID: <199503152141.AA09458@ednet1.osl.or.gov>
Source record: 250690

```
subscribe info-hams john nicholson
```

3398. Ham freqs in NW US

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:47:00 UTC
From: middleton@prince.metrokc.gov
Message-ID: <15MAR199513471645@prince.metrokc.gov>
Source record: 250578

Anyone out there with a list of ham freqs for Washington, Oregon area of US? Please email whatever you have. The call guide that I'm using just says what range to look in, but I'm using a programmable scanner; I can't scan a range to find you hams...

Thanks,
Will Middleton
Seattle, WA

3399. Re: C connectors?? (Was: Re: PL-259 vs. N-style connectors?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:48:54 UTC
From: zlau@arrl.org
Message-ID: <1995Mar15.214854.4381@arrl.org>
Source record: 250695

Jeff DePolo (depolo@red.seas.upenn.edu) wrote:
: why it would have higher power rating. There is an HN, which is a modified
: N connector made to handle higher voltages. EIA flanges are often used
: in broadcast applications and on larger cables for their high power handling
: as well as ease of pressurization across cable junctions for air lines.

Interestingly, according the the Andrew catalog, N and HN connectors have
the same *power* rating at 900 MHz, 0.6 kW, even though HN connectors have
twice the DC test voltage rating (4 vs 2 kV). Doesn't look like N
connectors will handle the legal limit on 23 cm--are there special versions
available?

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3400. Re: FCC time for address change? (nothing else!)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:49:09 UTC
From: bobw@techsun.cs.usu.edu
Message-ID: <1995Mar15.154910.44928@cc.usu.edu>
Source record: 250606

In article <D5Fp2p.90C@ncrcae.ColumbiaSC.NCR.COM>, Tom Skelton
<Tom.Skelton@ClemsonSC.ATTGIS.COM> writes:
|>
|>
|> Well, I guess I wasted some B/W...sorry. I post this on March 14 and
|> when I get in from work there was my license with the corrected address.
|> BTW, the FCC also did an automatic renewal. So, if you're sending
|> in an address change it's about 5 1/2 weeks.
|> This pops up every now and then...haven't had the chance to read this group
|> lately.
|> I sent in an address change, nothing else, over 5 weeks ago and haven't heard
|> a
|> peep. I thought the FCC had geared up with their new 610 form to handle
|> stuff
|> like
|> this quicker. Anybody else recently send in for just an address change? How
|> long
|> did it take? Thanks. 73, Tom WB4iUX

I sent in an address change on the 29th of December 1994 and the license was renewed (Old
expiration was
23-Aug-1994) with the issue date of 05-Feb-1995 and I received it on February 7th.
Looks like that was 5.5 weeks
--
==========
Bob Wood Computer Specialist and System Administrator
Utah State University Computer Science and College of Science
Logan, Utah 84322-4205 WA7MXZ wa7mxz.ampr.org
voice: (801) 797-3205 fax: (801) 797-3265
Internet: bobw@techsun.cs.usu.edu bobw@cc.usu.edu
BITNET: bobw@usu.BITNET
SPAN: USU::BOBW
==========

3401. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 21:55:11 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3k7nnv$4a8@news.ccit.arizona.edu>
Source record: 250691

In article <1995Mar15.152706.23450@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Bet you don't know. I know, but that's because I have to know as a
>part of my profession, and it wasn't on the commercial license exam
>either. It was something I had to learn *after* being licensed.

Yes! A ham radio license is a beginning for a lot of people. But I think what's happened/happening is that so many licensees really aren't interested in learning beyond what it took them to GET the license, and THAT may be what underlies what is being objected to. These people just want to get on the repeater and talk about their headaches.... ;-)

When I got my Novice license in 1963, I knew nothing (about radio!); When I got my General, and later Advanced, I STILL didn't know all that much, but I kept interested and eager to learn more and more. I'm attracted to those hams who have a similar attitude.

Howard

3402. Re: Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 22:13:54 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1995Mar15.161354@fndcd.fnal.gov>
Source record: 250694

In article <MARK.95Mar15160358@pooh.era.com>, mark@ERA.COM (Mark Feit) writes:
> On rec.radio.amateur.misc, cmoore@sedona.intel.com posts:
> >
> > > If I wanted to send Jonathan my copy of Windows 3.1 that I no longer
> > > use, and delete it off my system. (which I have already done as I run
> > > 3.11 WFW) then I don't see how I am breaking any laws. I am simply
> > > giving him my old unused copy of that program. I have removed it from my
> > > system so it will not be installed on two systems at once. Where is the
> > > legal problem??
> >
> > I'm no lawyer, but I'm pretty sure it violates the Microsoft copyright
> > if you upgrade from 3.1 to 3.11 and give away 3.1 Software gets stolen
> > all the time and I object to the practice. Can't see how you can dis-
> > agree.
>
> I'm no lawyer either, and I don't agree with theft of software, but
> after reading the license, I think I can disagree with your assessment
> of whether or not giving away an unused copy of a program violates
> Microsoft's license agreement (or the law, for that matter).

This question needs to be answered first. There are wo versions of WFG 3.11:
an upgrade version, to be applied over Windows 3.1, and a complete version.
The original poster did not indicate which one he had, but, if it was the
latter, I see no problem with him giving away his old copy of Windows 3.1.

This is not significantly different than intentionally buying an old version
(I receive a catalog from an outfit known as "Surplus Software". lots of
old software really cheap) and promptly buying the new version at the upgrade
price.

--
==
[Fermi National Accelerator Laboratory]
==
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==

3403. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 22:21:48 UTC
From: little@iamu.chi.dec.com
Message-ID: <3k7p9s$rng@jac.zko.dec.com>
Source record: 250700

In article <D5GtDB.14I@news.hawaii.edu>, jeffrey@math.hawaii.edu writes:
|>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
|>
|>>Passing a 5 WPM beeping test wouldn't have taught him
|>>a bit more about propagation than the exam he took.
|>
|>Your bias against HF is showing again. Passing the 5wpm test
|>would have enabled him to get on the low bands and learn first
|>hand about propagation.

Except that one doesn't need to "get on" the low bands to learn about
propogation, even first hand. Most people *listen* before they transmit.
By listening you can often determine what propogation is like and about
its effect on signals. This can be done without passing a 5 WPM beeping
test. But in neither case (transmitting or listening) will first hand
experience teach you much of anything about why or how propogation occurs.

--
73, Member of RACES, ARRL, Arlington Communications League.
Todd Trained weather spotter and sponsor of the Hunting Ridge
N9MWB Elementary School Radio Club. See you on 160-1296 and OSCAR.

3404. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 22:47:03 UTC
From: horak@convex.com
Message-ID: <3k7qp7$c12@eugene.convex.com>
Source record: 250696
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <3k74dp$luv@freenet3.scri.fsu.edu> sjking@freenet3.scri.fsu.edu (Steven J. King) writes:

>Tom Randolph (randolph@est.enet.dec.com) wrote:

>> Yup, my wife has the 202, and I get to play with it a lot... This radio never
>> ceases to amaze me! Hooked up to an outside antenna, it makes a decent
>> base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery,
>[snip]

>That's amazing! Especially since the specs say only 6W out with 13.8V in.

Really amazing. I talked to a fellow today on the local repeater who
was using a HTX-202. He had a watt meter hooked up and was getting
just over 6 watts on 13.8v.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3405. Re: Lead Acid Battery Charge

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 22:49:27 UTC
From: hoxsiew@crl.com
Message-ID: <3k7qtn$fj7@crl.crl.com>
Source record: 250697
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Dale Chidester (chideste@pt.Cyanamid.COM) wrote:
: Some time ago, a formula was published for the density of the sulfuric acid in
: a lead-acid battery and the state of it's charge (% charge). Naturally I filed
: it away for future reference. Now that I need it, however, I can't find it!
: Could someone, with a better filing system than I have, please send me the
: relationship again?
: Thanks,
: Dale

Hope I can help you Dale. Here's what I know: A fully charged lead-acid
wet cell should have a sulfuric acid concentration of about 30% by
weight. A fully discharged battery will be near zero. A 30%
sulfuric acid solution has a density of 1.2185 g/mL. Assuming a linear
relationship of charge v. concentration, a suitable formula would be:

density = 0.002185 * %charge + 1.000

or rearanged for %charge:

%charge = (density - 1.000)/0.002185

Hope this helps.

--
Wayne

3406. US-NY-Yonkers WECAFEST March 19th 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 22:50:49 UTC
From: alan@manila.cc.columbia.edu
Message-ID: <3k7r09$nd1@apakabar.cc.columbia.edu>
Source record: 250701

WESTCHESTER EMERGENCY
COMMUNICATIONS ASSOCIATION
is proud to present its 11th annual
hamfest and computer show
the largest in the Northeast

WECAFEST 1995
Sunday March 19th
9 AM - 2 PM
at our huge indoor location
YONKERS RACEWAY

ARRL SANCTIONED

HAM RADIO -- COMPUTERS -- CB -- SHORTWAVE -- SCANNER
ANTIQUE RADIOS -- NEW & USED ELECTRONIC EQUIPMENT & PARTS

ADMISSION $6
under 14 free with adult admission

- 15 minutes from L.I. & N.J. bridges - 30,000 sq. ft.-wide 10' aisles
- Free unlimited on-site parking - Major equipment dealers
- Handicap parking and entrance - Lots of door prizes
- Over 250 indoor selling spaces - Huge secure tailgate area

- Full food service
- Radio tech clinic
- Amateur Radio forums
- Walk-in FCC exams 9AM-NOON

Pre-registration of all vendors including tailgating is required
For vendor registration call: 914-962-9666

Talk-in 147.060 repeater

3407. Re: General Motors and Radios

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 23:26:39 UTC
From: wcoyle@delphi.com
Message-ID: <pMwZeM-.wcoyle@delphi.com>
Source record: 250698

Val Breault <vbreault@rinhp750.gmr.com> writes:

>Hi, I'm president of the GM Amateur Radio Club. Perhaps I can help.
>
>If you or anyone else on the net would like a copy of GMs pamphlet
>titled "Radio Telephone/Mobile Radio Installation Guidelines" just
>send SASE to:
>
>GMARC
>8101 Warren Blvd.
>Center Line, MI 48015
>

Thanks for your help, I'll be sure to send it in and I'll try customer service again. As it turns out, I'm installing the radio in my truck Friday, so all my info will have to be post ex-facto.
Tnx & 73
Bill
N3OGH

3408. IPS Daily Report - 15 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 23:30:34 UTC
From: rwc@ips.oz.au
Message-ID: <3k7taq$feq@flare.syd.ips.oz.au>
Source record: 250709
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 15/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 15 MARCH AND FORECAST FOR 16 MARCH - 18 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 81/22

GOES satellite data for 14 Mar
Daily Proton Fluence >1 MeV: 1.8E+06
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 4.2E+09 (very high)
X-ray background: A9.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
16 Mar 17 Mar 18 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 16 Mar: 82/23

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: mostly quiet to unsettled.

Estimated Indices : A K Observed A Index 14 Mar
Learmonth 13 3234 3132
Fredericksburg 10 15
Planetary 13 18

Observed Kp for 14 Mar: 3434 4332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
16 Mar 12 Quiet to unsettled
17 Mar 18 Mostly unsettled, with brief active periods possible.
18 Mar 8 Quiet to unsettled
COMMENT: A slight increase in the level of activity is expected on 17
Mar due to a coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
15 Mar normal fair-normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
16 Mar normal normal fair
17 Mar normal fair poor
18 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
15 Mar 12 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
16 Mar 20 Near predicted monthly values
17 Mar 30 Mostly near predicted monthly values, with occasional
daylight enhancements of 10-20%.
18 Mar 30 Mostly near predicted monthly values, with occasional
daylight enhancements of 10-20%.
COMMENT: Spread F observed during the local night is possible again
today.
Observed Townsville frequencies: near predicted monthly values.
Observed Hobart frequencies: depressed 15-30%.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3409. Re: Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-15 23:41:22 UTC
From: cmoore@sedona.intel.com
Message-ID: <3k7tv2$mf4@chnews.intel.com>
Source record: 250699

In article <MARK.95Mar15160358@pooh.era.com>, Mark Feit <mark@ERA.COM> wrote:
>On rec.radio.amateur.misc, cmoore@sedona.intel.com posts:
> >
> > I'm pretty sure it violates the Microsoft copyright
> > *if* you upgrade from 3.1 to 3.11 and give away 3.1
>
>after reading the license, I think I can disagree with your assessment
>
> 2. UPGRADES. If the SOFTWARE is an upgrade from another
> software product licensed to you,...the SOFTWARE must be
> used and transferred in conjunction with the upgraded product,

Please note the *if* in my original posting. You are not supposed to
upgrade from 3.1 to 3.11 and then give 3.1 away. It says so right
there in your quotation of the Microsoft agreement.
--
73, Cecil, KG7BK, Old, Old Timer's Club (40+ years a ham)
(Not speaking for Intel)

3410. Knowledge vs. Answers (was: NO CODE TECHS GETTING THE SHAFT...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 00:44:47 UTC
From: dmunroe@vcd.hp.com
Message-ID: <D5ICqn.F88@vcd.hp.com>
Source record: 250706

Greg Law <gregl@iglou.com> wrote:

>But, I do have an advantage. I don't study the answers to the
>questions. I want to know WHY the answer is correct and the only way to
>do that is to study the underlying principles. I do like to read as well,
>so the ARRL Handbook has been my night-time companion.

One of the reasons I don't like the Gordon West books is that he primarily
just gives answers with very short explanations. It seems oriented to
putting a 2-meter HT into your hand in the quickest possible time with no
real knowledge to go along with it.

I'm glad that I studied with the ARRL's _Now You're Talking_, because it
provided useful information first, then tested you on comprehension afterwards.
It's still an excellent reference -- for example, the section on antennas came
in very handy when I built my dipole. It has information that you'd never
find in a Gordon West book.

-Dave

3411. Re: FT-530 high-gain antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 00:49:48 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar15.164948.1@vax.sonoma.edu>
Source record: 250702

```
In article <1995Mar14.203522.14766@arrl.org>, zlau@arrl.org (Zack Lau (KH6CP)) writes:
>
> The latest Antenna Compendium, volume 4, has some performance
> comparisions in the article "An Investigation Of 2-Meter HT
> Antenna Performance." According to measurements, the long
> extended whips outperformed the worst duck antennas by about
> 10 dB. They did a lot of work--its 7 pages long.

Now Zack, it isn't really fair if they used the "Miracle Baby" as one of the
worst duck antennas... ;-)

Ken
--

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

3412. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 00:55:42 UTC
From: horrock@aol.com
Message-ID: <3k82ae$q6u@newsbf02.news.aol.com>
Source record: 250703

>Horrock that is a little stong I just wanted to give folks
>a "heads up" since there is a new 2 meter mobile out and a
>bunch of folks might be buying. Perhaps a few days in Purgatory
>and only upper management. Not wanting to start a flame war.
>

I'm sorry, your right: May all Rat Shack Upper Management burn in hell, lower management do time in Purgatory, and sales staff find new jobs in the food service industry or car lots.

I'm soul searching right now to see if I can remember exactly why I dislike Rat Shack .... It seems to be a combination of things starting with poor quality coax, and the heavy handed things the Upper Management did in the '70's (long story about salemen being to good at Tandy and making to much in commission sales, so they fire those salemen).

However I still buy SOME things from them. Their recent selling of AST computers was an improvement. Tandy has been pretty supportive of the HAMs in the Dallas/Ft.Worth area (they allow the HAM to use their parking lot for a tailgate sale on Saturday mornings).

I guess I could forgive them IF they stopped selling that POOR coax (the cause of
more than one RF problem for me) and ALL of the Upper management quit.

Regards.

3413. Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 00:56:48 UTC
From: dmunroe@vcd.hp.com
Message-ID: <D5IDAo.Hp8@vcd.hp.com>
Source record: 250707

Could someone explain what the appeal is in contesting? I realize that people have differing ideas of what is fun, but, if contesting is what I think it is, spending an entire weekend making thousands of extremely brief contacts not only sounds boring, but also seems to be an incredible abuse of the spectrum. Wouldn't it be more enjoyable to use the time to have real QSO's and possibly make new friends in the process?

Yet, I'm amazed at how popular contesting seems to be -- or at least that's the impression I get from the latest CQ. I'm even more amazed that amateurs in other countries have gotten hooked on this.

No, this is not a troll -- I really am trying to understand what the hook is that gets people involved in this.

-Dave

3414. Re: Who do I contact for TVI in Racine WI

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 01:14:33 UTC
From: sbukosky@execpc.com
Message-ID: <y0Bc56luFVyyBbol06b@execpc.com>
Source record: 250704

In article <3k4j0l$h5@news.doit.wisc.edu>, Paulette Quick wrote:
>

> There is alledgedly a ham causing interference to the neighbors' TV and
> other electronic equipment. The location is Racine, Wisconsin, which is
> about 25 miles south of Milwaukee.

It's been a while since I've been on but one of the fellows on the 7.27
repeater was on the local RFI committee. Give a hollar on that and see
what pops up.

Steve N9BGH

3415. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 01:15:22 UTC
From: horrock@aol.com
Message-ID: <3k83fa$qjp@newsbf02.news.aol.com>
Source record: 250705

>Subject: Re: Rat Shack Ripoff
>From: levy@fndcd.fnal.gov
>
> May Rat Shack and ALL its RATS burn in HELL!!
>
>Thank you for that highly informative contribution.

Your welcome! The current E-Mail results are in:
18 agree without comment
4 agree with heartbreaking stories
2 kinda agree, but thought 40meters would be a better place for
the opinion
2 likes their speakers (so do I), so we'll count them as
disagrees
1 disagreed, and wanted me to stop talking about his mother
1 an employee, wanted to know when is the fire!
she wanted to be sure to get her vacation time first.

There seems to be a ground swell of support for informative insight on
this topic.
Regards.

3416. Re: CQ Highlights 4/95 issue

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 01:42:37 UTC
From: royle@tekgp4.cse.tek.com
Message-ID: <3k852d$3tp@tekadm1.cse.tek.com>
Source record: 250708

From: nw2l@aol.com (NW2L):

>"CQ" HIGHLIGHTS - APRIL, 1995

>. . .

>"Suppose we have a rig putting out 100 watts and we feed that power
>into the antenna. Also, let's assume the antenna has a 3 dB gain. That 3
>dB would increase our radiated signal in the antenna's best direction by
>twice, or 200 watts. Let's also assume that the efficiency of the antenna
>only has a ratio of 50 percent. That means we lose 50 watts, but because
>the antenna has 3 dB of gain, we end up with what we started at -- 100 watts
>being radiated."

>. . .

Oh, no, the antenna experts are at it again.

You put 100 watts into an antenna and get 200 out? Guess there's finally a
way to defeat the law of conservation of energy. Just loop 100 of the watts
back around, and you can run a 100 watt bulb from the rest.

Or, we can put 100 watts into the antenna, lose 50 as heat, and still
get 100 out? Come on, now.

No wonder so many people are confused and misinformed about antennas. Aren't
you guys embarrassed to publish stuff like this?

. . . Jees, I'm slow today. Of course! It's the APRIL issue! Ok, You got me!

Just another fool,

Roy Lewallen, W7EL
roy.lewallen@tek.com

3417. Manual/Schematic for Heat

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 02:05:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8158.545@acenet.com>
Source record: 250717

From: brian.carling@acenet.com

TR>I was asked to post a message for a friend of mine who is not on the Interne

TR>He is attempting to restore his old HeathKit DX-20, which was his first rig.
TR>Unfortunately he does not have the manual or schematic for the transmitter.
TR>If anyone has either available for that particular radio, please e-mail me a
TR>-Mike KB7QOP

Here ya go Mike:

MANUALS: List by AF4K updated 09-MAR-95
#########

Eico Electronic Instruments Co., Inc.
363 Merrick Rd
Lynbrook NY 11563
Note: No current kits, EICO manuals and schematics only

Alton H. Bowman No phone number given
4172 East Avenue radio, TV, amateur, misc.
Canandaigua, NY 14424-9564 Schematics & info 1920 - 1970

Charles Larus, K4CAD
5421 Tuckahoe Lane
Richmond, VA 23226 Heathkit & other manuals, copies.

Brock Publications (619) 757-0372
P.O. Box 5004
Oceanside, CA 92052 Swan, Cubic, Siltronix, Atlas manuals

Pete Markavage (908) 238-8964
27 Walling Street Send two 29c stamps for a catalog.
Sayreville, NJ 08872 3,000 amateur & related manuals.
manuals

W7FG Vintage Manuals (800) 807-6146
3300 Wayside Drive
Bartlesville, OK 74006 SASE for catalog or call.

Hi-Manuals No phone number given
Box 802
Council Bluffs, IA 51502 Catalog $2.00

Jay Stanfield
3212 Rita Lane
Fort Worth, Tx 76117 Jay has a lot of Heathkits and manuals

Deane E. Kidd, W7TYR (503) 625 7363
27270 SW Ladd Hill Road,
Sherwood, OR 97140.

East Coast Transistor Parts, Inc. (800) 637-0388
2 Marlborough Road,
West Hempstead, N.Y. 11552

Miles Gillie (919) 847-2489
Address needed
c/o Internet address: miles.gillie@mms.raleigh.nc
Or via Newsgroups: rec.radio.amateur.homebrew
Manuals for Sw radios, commercial 2-way etc. $15.00 each

##
I am amazed at how MANY outfits there are that still cater to home-builders
and QRP operators. Must be a LOT of demand out there! Magazines such as
"73 Amateur Radio Today", QST (sometimes) and "Shortwave Magazine" (England)
still publish a lot of good construction articles for hams.
This is NOT an exhaustive list. If you have additions, send them to me and
I'll gladly add them to this list. Most of these companies will gladly
send you a catalogue if you call or write requesting one.
Also, if you find that one or two of these companies are out of business,
PLEASE drop me a message & let me know about it so I can delete them!

This list was prepared by AF4K, Brian Carling 7 January, 1995
Please send additional sources for inclusion in this list.
If you go to a hamfest and see someone selling tubes, get a card
please and send me their name, address and phone number.

FIDO Netmail ----> 1:109/423
Internet --------> brian.carling@acenet.com
Relaynet (RIME)--> #5365 or ACEONLINE
Packet ----------> AF4K @ W3INK.#MD.USA.NA

 SLMR 2.1a Vain hope: YUGO with a trailer hitch!!

3418. Re: Sterling Park Buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 02:05:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8157.545@acenet.com>
Source record: 250718

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DE>As one of the "volunteers" that works for the Sterling Park buro, I thought
DE>I might answer the query.

I really appreciate it. Thanks also for volunteering!

DE>To give you an example, I have envelopes on file that I inheritted from my
DE>predecessor, which have 18 cents of postage - can anyone remember when 18
DE>cents
DE>was the first-class rate?

He he - maybe he is a "silent key!"

DE>postage - again, a waste. The biggest problem though, is the guy who doesn't
DE>put any evelopes on file - he gets notified once, and if no evelopes appear
DE>within 60 days, his cards start to get pitched until such a time an evelope
DE>does arrive.

Arrrrrrrrrrrgh! I hope this didn't happen to me. I was inactive from
about 1988-1992. I bet a few cards got pitched! Oh well, sob sob!

DE>Suggestion: The best thing is to put one unit of first-class postage on the
DE>evelopes, and additional increments as loose stamps -

Another suggestion - the guys could just put 32c stamp on there
and pay the "postage due" of the right amount when the envelope arrives.
Is this still a reliable way to get smail mail these days?

DE>that way we can match
DE>the
DE>postage to the amount of cards. You can also "trigger" the posting sequence

Yes, I think I prefer this idea of paper-clipping some extra 23 cent
stamps to the envelope when I send it to you guys.
Also, I think I'm using the wrong size. What is the official size?
6 X 9 inches or what?

DE>-- Darrell (NR3Y)

A 3 in 4-land!? I am a 4 in 3-land!
Again, thanks for the very helpful info, and please tell the whole
crew at SPARC and the QSL bureau that I said a hearty "THANK YOU!"

• SLMR 2.1a • Vain hope: YUGO with a trailer hitch!!

3419. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 03:27:33 UTC
From: rkm@vectorbd.com
Message-ID: <D5IK9y.JMM@vectorbd.com>
Source record: 250584
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Steven J. King (sjking@freenet3.scri.fsu.edu) wrote:
: Tom Randolph (randolph@est.enet.dec.com) wrote:

: > Yup, my wife has the 202, and I get to play with it a lot... This radio never
: > ceases to amaze me! Hooked up to an outside antenna, it makes a decent
: > base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery,
: [snip]

: That's amazing! Especially since the specs say only 6W out with 13.8V in.

Actually, I get 10.2W with a 13.8V supply.

- Rich

3420. Re: Need source for inifinite turn potentiometers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 03:46:51 UTC
From: drewlanz@skypoint.com
Message-ID: <3k8cbb$jto@stratus.skypoint.net>
Source record: 250710
Cross-posted to: sci.electronics,rec.radio.amateur.misc

I have used a pot manufactured by CLAROSTAT which may be what you want.
I needed a pot which would turn beyond it's limits freely, and maintain
the max or min resistance, depending on the end that you're at.
Their description of this feature is "idle at stops"

I think that it's the CLARISTAT 364 series.
I got 'em from Newark.

Good luck,
Drew.

++

In article <1995Mar10.175147.3841@galois.mit.edu>, dnp@math.mit.edu (Dan Port) says:
>
>Greetings,
>
> I've been having trouble locating a rotary potentiometer (around 0-150K
>ohms). I'm not sure if this is the proper name for it, but basicly I need an
>infinite turn pot., that is it is not restricted. I've modified a few pots.
>by removing the limiting barriers, but this leaves an unsavory "gap".
>If you know a source for such critters, please contact me!
>
>Many thanks in advance,
>
>dnp@math.mit.edu
>N6RIO
>
==========

_ _ __ ___ _ _
__| | '__\/ _ \ \ / / Andrew Walter Lanz
/ _ | | (__/\ \/\/ / drewlanz@skypoint.com
___/|_| ___/ _/_/ Garage Logic, Minnesota
http://www.skypoint.com/subscribers/drewlanz/index.html

3421. re: butternut butterfly

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 04:36:20 UTC
From: jptaylor@earth.execpc.com
Message-ID: <3k8f84$8np@homer.alpha.net>
Source record: 250712

I think you will be happy with the Butterfly. I've had one running for a few years, and am pleased with its performance. The only problem I had was in the original setup; it is rather difficult to tune. Once set, it has been stable, however.

You should be able to get some of the anti-oxide compound directly from Butternut. I believe it is quite reasonable.

Good luck
73
Jim Taylor, K9JT
jptaylor@execpc.com

3422. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 04:50:06 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5Io3J.L1w@zeno.fit.edu>
Source record: 250715

In article <3k58ab$6vf@newsbf02.news.aol.com>,
Craig54927 <craig54927@aol.com> wrote:
>interest, the sad part is that at that point, its too late. I am certainly
>not defending Radio Shack, just making everyone aware of the situation.

too late? it's never too late....if the salesman screwed up the paperwork
and wouldn't make it right, i would demand a refund.
--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3423. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 04:53:13 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D5Io8q.L4t@zeno.fit.edu>
Source record: 250716

In article <D5GnEC.KnK@eskimo.com>, Bruce Miller <brucem@eskimo.com> wrote:
>Anybody have any thing to report about the Radio Shack
>2m handhelds? Good, bad, indifferent, etc? I'm
>contemplating a low-end (not much $$) purchase.
>
not bad. get it from Marymac Industries and save some more bucks.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

3424. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:00:56 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031618056@alb.med.itc.com>
Source record: 250600

In Article <3k0cir$10s@newsbf02.news.aol.com>
krisn3rqt@aol.com (Kris N3RQT) writes:

> My rig (a TS850) gives me the choice of using "Full Breakin",
> "Semi-Breakin", or
> no breakin at all by just putting the rig in send mode.
> How does one decide which of these to use and when?
> Is one less hard on the rig than the others?
>
> 73, Kris
>
Kris - "break-in" is a type of CW operation. It does not apply to other modes. The purpose of it is to allow the receiving station to interrupt the sending station if (s)he doesn't get everything right. It has its most usefulness in traffic-handling situations. Semi-breakin means that the radio switches out of send mode into receive mode at some preset interval after the last character is finished...the interval is adjustable by either a dial control or a knob on top (that's how it works in my 930). Full break-in means the radio switches IMMEDIATELY into receive after each character element is finished, so you get received audio not only between letters (as is the case in most semi-breakin operation) but also between the dits and dahs of individual letters. The receiving station can interrupt (break-in) by sending a string of dits while the other station is sending. Since the sending station is getting some receive time as well, he'll hear it, stop, and the receiving station can ask for a "fill" on whatever he missed. This mode of operation is also known as QSK.
No one of these modes is more or less hard on the rig than any of the others. Hope this helps. 73 - Alan NS0B

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3425. Re: Multi-way Rotary Coax Relays

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:01:22 UTC
From: veltman@netcom.com
Message-ID: <veltmanD5IoMA.9L7@netcom.com>
Source record: 250719
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics

Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
: I have often seen rotary motorised coax relays at swap meets and hamfests
: and have wondered whether they were useful. They always come "as is"
: with no data, although the label usually warns about 24 or so volts
: requirements.

: Well, yesterday I succumbed to a very clean four-way relay labelled Radiall
: Type R582964 (and says 24Volts). If anyone has a Radiall data sheet,
: catalog description or a fax number for them, it would help. I believe
: that this was a French company that was then acquired by Transradio, a
: U.S. firm.

: Has anyone managed to get any use out of such units?

: This seems like the ideal way to get multi-band performance out of
: LDF5-50 or such without the cost and weight of mutiple runs.

: Any help greatfully received.

: --

: Tony - G3SKR / AA2PM / tgold@microvst.demon.co.uk

Tony,
I have used these types of relays for many years. They give good
service. All I have done is to build a control box with a surplus 24V
transformer and a inline pack bridge rectifier and a switch. You need to
experiment with it. The toughest part to get is the canon plug on the
unit.

73

Paul WA6OKQ

3426. RE: The Triple H Net

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:11:00 UTC
From: greg.pool@nitelog.com
Message-ID: <8A58533.0833006CAB.uuout@nitelog.com>
Source record: 250725

PQG> From: pgeorge@sallie.wellesley.edu (PETER Q. GEORGE)

PQG> I remembered a DX Net from the 1980s called "The Triple H Net" on 7238 th
PQG> was anchored by a "Hank" Greenburg (W2LTP) from New Jersey. The net was
PQG> designed to help new amateurs in getting states and countries that the
PQG> new hams would need. I am wondering if this net is still active on 7238
PQG> and what time they proceed for check-ins.
PQG> I also am wondering if W2LTP is still active. He was always a very color
PQG> character on the bands when I used to listen to the check-ins from around
PQG> the globe. Thank you for your help.

PQG> Peter Q. George (N1GGP)
PQG> Randolph, Massachusetts

PQG> 73/pse qsl

Peter, they should be still active. I used to give them a lot of
Hawaii contacts around 0700 UTC from the Big Island, atop Kilauea's
4,000-foot peak at the Hawaiian Volcano Observatory with my long wire up
in the o'hia trees. I managed to work WA1ZFS in Rhode Island for his
WAS mobile on 40 meters around 0820 back in 1992. And if you hear Dan
NH6EU on the net, pass on my aloha for me.

Aloha+73 de Greg WH6DT
Monterey, California

3427. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:17:33 UTC
From: pws8157@ucs.usl.edu
Message-ID: <3k8hld$2e7@rouge.usl.edu>
Source record: 250727

In article <D5Gx8I.Ev9@iglou.com>, Greg Law <gregl@iglou.com> wrote:

>..... I've also learned quite a bit by reading -- LOTS of
>reading. But, I do have an advantage. I don't study the answers to the
>questions. I want to know WHY the answer is correct and the only way to
>do that is to study the underlying principles. ....

I couldn't agree with you more, Greg. Last summer I studied to take the
General Radiotelephone Operator commercial license exam. W5YI had two books
out on the subject, one was just a question pool. The other book had the
question pool, with explanations following the correct answer. I think that
I learned a lot more that way than if I had merely memorized q&a's....

73 de ka5nmn
pat

* *
* Patrick W. Soileau, KA5NMN * packet: ka5nmn@w5ddl.#lftla.la.usa.noam *
* 101 Amethyst Lane * Internet: ka5nmn@usl.edu psoileau@usl.edu *
* Lafayette, LA 70506-3844 * pws@usl.edu pat@usl.edu *
* Home Phone: (318) 989-8940 * "These are my own views & comments, not USL's"*
* *

3428. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:22:19 UTC
From: gdm@fermi.ualr.edu
Message-ID: <3k8hub$ft4@news.ualr.edu>
Source record: 250721

Bruce Miller (brucem@eskimo.com) wrote:
: Anybody have any thing to report about the Radio Shack
: 2m handhelds? Good, bad, indifferent, etc? I'm
: contemplating a low-end (not much $$) purchase.

Go for it. It's probably the best bang-for-the-buck value around.

--
==
Doug Mauldin University of Arkansas at Little Rock
gdmauldin@ualr.edu Department of Applied Science

Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
==

3429. Help with old callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:35:31 UTC
From: pgsperseng@aol.com
Message-ID: <3k8in3$2gm@newsbf02.news.aol.com>
Source record: 250722

In my youth, I got a novice license but in the course of more than a few moves plus family and business obligations I dropped out of the ham scene for a while. I'm back on the air and want to retrace my history on the air. Does anybody have any callbooks circa 1968/69? I believe (he said red-faced) that my call was originally WN3MTP, then upgraded to the general call WA3TWT. Or was it WN3TWT to WA3MTP? That's the problem, along with my poor memory!!

The bottom line--I want to find out when I was originally licensed and with what call! Somebody with some old callbooks might be able to help.

Thanks,
Paul , AA1MI

3430. Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 05:46:15 UTC
From: epladsen@nyx10.cs.du.edu
Message-ID: <3k8jb7$45j@nyx10.cs.du.edu>
Source record: 250723

I have a few questions for anyone who is familiar with the procedure
for getting call plates in California:

1. Does California slash the zero for those with zero-land calls?

2. How much extra do the plates cost? One-time fee, or every year?

3. What form needs to be filled out to apply for the plates?

4. How long does it take to get the plates?

5. What is your opinion on the risk factor for break-ins and/or
vandalism that call plates add?

Thanks,
Eric
--
epladsen@nyx.cs.du.edu 73 de N0MWG

3431. Re: Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 06:42:08 UTC
From: matthewa@icebox.iceonline.com
Message-ID: <D5ItBp.GLs@iceonline.com>
Source record: 250581

>>use, and delete it off my system. (which I have already done as I run
>>3.11 WFW) then I don't see how I am breaking any laws. I am simply
>>giving him my old unused copy of that program. I have removed it from my
>>system so it will not be installed on two systems at once. Where is the
>>legal problem??
>
>I'm no lawyer, but I'm pretty sure it violates the Microsoft copyright
>if you upgrade from 3.1 to 3.11 and give away 3.1 Software gets stolen
>all the time and I object to the practice. Can't see how you can dis-
>agree.

As long as the licensing agreement was transfered as well as ALL copies of
Windoze, there shouldn't be much of a problem.
--
Matthew Asham, VE7CQJ -= Team OS/2 =-
Internet: matthewa@iceonline.com
URL: http://www.iceonline.com/home/matthewa/WWW/matthewa.html
"Windoze95 - Microsoft's *NEW* 32bit virus, that requires DOS"

3432. learning cw (text in clear)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 07:31:03 UTC
From: theo_schmitz@VNET.IBM.COM
Message-ID: <199503160725.XAA27979@UCSD.EDU>
Source record: 250724

Hello CW experts,

I just failed my 12wpm (german)cw (HF upgrade)exam.
I have no problems copying random characters (grouped by 5)
but with text in clear I loose the line much faster, maybe
by trying to make sense out of the text just written or
by guessing the next characters of the current word.
I think this occupies my mind so much that I loose contact
to the code signs coming into my ear at that time.
What can I do to avoid that ? Is there any trick I can use ?
I tried to cover with my left hand the characters just written
but that seems a bit stupid and I wonder if there is an other
way to manage that.

Regards/73
Theo (DB9EJ)
==========
Theo Schmitz / IBM Mainz / Materials Lab. 4627
Email Internet: tschmitz@mazvm01.vnet.ibm.com
Fone: 49(germany)6131-842044
Fax: 49(germany)6131-846810
==========
I never used to be able to finish anything but now I

3433. amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 07:37:54 UTC
From: BIGBOY <orkin@delphi.com>
Message-ID: <5oy6mg6.orkin@delphi.com>
Source record: 250726

Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

3434. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 08:09:00 UTC
From: Cassandra <clr@iac.net>
Message-ID: <3k8rmu$qtd@mississippi.iac.net>
Source record: 250579

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> In article <n1416937397.65981@qmgate> dgra@qmgate.ECi-esyst.COM (Dana Rodakis) writes:
> >The reason most newcomers don't know anything is that you don't have
> >to know anything to get a license. You just have to memorize the
> >answers. IMHO, making the question pools available is a cheat. Back
> >when I got my license in 1978, you had to go to the FCC field office
> >and face the man with the white shirt and black tie proclaiming "So,
> >you want to be a ham radio operator, I don't think so!" You had to
> >LEARN it to pass the test. 73, Dana, AJ1R.
>

I hear the torches firing up now, but here goes. When I first took
my amateur test it was 1977 or so. I took the test with my father at
my instructor's home. We were on vacation when the rest of the class
took the test. It was not necessary to go to the FCC office. There
were question pools available then just as there are now. As for
the memorization of the electronics, yes I'm guilty. I know that I
will never design or alter any circuit boards in my equipment without
the help or advise from someone who truly understands all of the
electronics involved. On the other hand, I feel confident that I can
operate amateur equipment within the limits of the law without having
to have someone operate the controls for me.

I am curious as to whether Dana has ever taught an amateur class? I
for one would not know what I know now had someone not given their
time to teach me. I am not in an electronics related profession.

73's all

Cassandra Ryle

formerly WD8DPO - recently relicensed as KB8WXT

> Yeah, right. I guess you never heard of Dick Bash, or the ARRL License
> Guide, or the AMECO study guide. While only Bash had the exact word for
> word questions and answers, the others were close enough not to matter
> unless your memorization was *totally* mindless. Even in the far distant
> "good old days", the tests were never *that* tough or comprehensive.
> Aside from the legal mumbo-jumbo that has to be memorized in any event,
> and can change on political whim, the technical side of the tests has
> never been very hard or very comprehensive, just some very rudimentary
> circuit theory, and a small bit on near-DC propagation.
>
> If you think merely passing the 1978 exam qualified you to discuss VHF/UHF
> propagation modes intelligently, think again. Quick, what's the effect

> of terrain roughness on your 50 uV contour at 70 cm?
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

3435. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 08:09:19 UTC
From: Cassandra <clr@iac.net>
Message-ID: <3k8rnf$s05@mississippi.iac.net>
Source record: 250580

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> In article <n1416937397.65981@qmgate> dgra@qmgate.ECi-esyst.COM (Dana Rodakis) writes:
> >The reason most newcomers don't know anything is that you don't have
> >to know anything to get a license. You just have to memorize the
> >answers. IMHO, making the question pools available is a cheat. Back
> >when I got my license in 1978, you had to go to the FCC field office
> >and face the man with the white shirt and black tie proclaiming "So,
> >you want to be a ham radio operator, I don't think so!" You had to
> >LEARN it to pass the test. 73, Dana, AJ1R.
>

I hear the torches firing up now, but here goes. When I first took
my amateur test it was 1977 or so. I took the test with my father at
my instructor's home. We were on vacation when the rest of the class
took the test. It was not necessary to go to the FCC office. There
were question pools available then just as there are now. As for
the memorization of the electronics, yes I'm guilty. I know that I
will never design or alter any circuit boards in my equipment without
the help or advise from someone who truly understands all of the
electronics involved. On the other hand, I feel confident that I can
operate amateur equipment within the limits of the law without having
to have someone operate the controls for me.

I am curious as to whether Dana has ever taught an amateur class? I
for one would not know what I know now had someone not given their
time to teach me. I am not in an electronics related profession.

73's all

Cassandra Ryle

formerly WD8DPO - recently relicensed as KB8WXT

> Yeah, right. I guess you never heard of Dick Bash, or the ARRL License
> Guide, or the AMECO study guide. While only Bash had the exact word for
> word questions and answers, the others were close enough not to matter
> unless your memorization was *totally* mindless. Even in the far distant
> "good old days", the tests were never *that* tough or comprehensive.
> Aside from the legal mumbo-jumbo that has to be memorized in any event,
> and can change on political whim, the technical side of the tests has
> never been very hard or very comprehensive, just some very rudimentary
> circuit theory, and a small bit on near-DC propagation.
>
> If you think merely passing the 1978 exam qualified you to discuss VHF/UHF
> propagation modes intelligently, think again. Quick, what's the effect

> of terrain roughness on your 50 uV contour at 70 cm?
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

3436. Best of Net - Home Page

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 09:22:41 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.155.0007D41E@mindspring.com>
Source record: 250582

Please check out the best of Net - World Wide Web Home page!

http://www.mindspring.com/~ko4ta/bestofnet.html

3437. Re: CQ Highlights 4/95 issue

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 11:48:21 UTC
From: wvanho@infinet.com
Message-ID: <3k98i5$h3m@horus.infinet.com>
Source record: 250583

Roy W Lewallen (royle@tekgp4.cse.tek.com) wrote:

: Oh, no, the antenna experts are at it again.

: You put 100 watts into an antenna and get 200 out? Guess there's finally a
: way to defeat the law of conservation of energy. Just loop 100 of the watts
: back around, and you can run a 100 watt bulb from the rest.

Roy,

I enjoyed your posting, but I am sure the misstatement was a careless use of the English language, not a technical error. (I will now drop that subject, 'cause I tend to rant and rave about it).

Please don't discourage NW2L, or any other ham in the world, from posting abstracts or digests of other radio magazines as I have been doing for QST. I have been trying for two years to encourage such postings for every other amateur radio publication. I hope NW2L's posting is an indication that the publishers of CQ are beginning to realize that by such postings, they can only increase the interest in their magazine by non-subscribers and, ultimately, increase their audience.

Now there is a possibility that a bilingual ham in Japan MAY begin to translate and abstract CQ - HAM RADIO, the most popular amateur radio publication in that country. I certainly hope he will do so, and an expression of interest from subscribers to this newsgroup might help him make up his mind!

73, Van - W8UOF

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* It ain't wot ya don't know 't gets ya into trouble. *
* It's wot ya know 't ain't true. - "Mr. Dooley" *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

wvanho@infinet.com

3438. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 12:38:12 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3k9bfk$ges@crchh327.bnr.ca>
Source record: 250586

In article <D5IDAo.Hp8@vcd.hp.com>, dmunroe@vcd.hp.com (Jordan Peugeot) writes:
|> Could someone explain what the appeal is in contesting? I realize that
|> people have differing ideas of what is fun, but, if contesting is what
|> I think it is, spending an entire weekend making thousands of extremely
|> brief contacts not only sounds boring, but also seems to be an incredible
|> abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
|> have real QSO's and possibly make new friends in the process?
|>
|> -Dave

Abuse of the spectrum...ABUSE OF THE SPECTRUM? (slap, slap).
Actually, it seems to be a thing that is just not some peoples bag. I do
it on a light weight basis (100 watts and a G5RV) and think its great.
Other guys turn the radio off on contest weekend.

Sure, ragchewing is fun, but for a coupla days a year, its fun to cut
loose and see how many people you can work (or states, countries, etc.)
in a short time. And if you enjoy the clarical tasks of QSLing, tracking
your progress for various operating awards, and stuff like that, a contest
is very stimulating and can produce many hours of this type of work.

As far as making friends, heres how its been for me on HF: Log book shows
about 1400 QSOs. I have met prolly 5 or 6 of the people in the log.
There are about 8 or 10 in there that I have worked more than once.
Although these contacts are much more meaningful than a contest Q, I
dont see where I have made many new friends in the process (at least not
for more than 30 minutes at a time). Contesters seem to attract people
of like mind in a community. I meet with other contesters for lunch, etc.
and have fun discussing contest related stuff, so contesting has made me
more new friends than ragchewing.

But if I had to give up either contesting or ragchewing, I would do without
contesting.

Something I saw in a .sig file applies here, sorry I dont know who to
credit it to, but it said:

To those who understand, no explanation is necessary, to those that dont,
no explanation is possible.

It wasnt said about contesting, but it applies.

Give it a try. Let me know what you think then.

73.
Jeff
--

```
*******************************************************************************
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
*******************************************************************************
```

3439. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 12:43:00 UTC
From: horak@convex.com
Message-ID: <3k9bok$rv9@eugene.convex.com>
Source record: 250585
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <D5IK9y.JMM@vectorbd.com> rkm@vectorbd.com writes:

>: That's amazing! Especially since the specs say only 6W out with 13.8V in.

> Actually, I get 10.2W with a 13.8V supply.

Sounds like you might need to check your wattmeter.

David

3440. Manassas, VA Hamfest. ?When?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 12:57:36 UTC
From: cummings@netcom.com
Message-ID: <cummingsD5JAo0.CGB@netcom.com>
Source record: 250587
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Does anyone have the date for the Manassas VA hamfest???

Please reply Via e-mail as I dont follow these groups.

Thanks In Advance...

--

```
_____________________________________________________________________________
Michael Cummings at home, feet up, in Columbia, MD | Work: 301-680-7906
---------------------------------------------------| DARCARS Automotive
Internet: cummings@netcom.com Voice: 410-964-5741 | Info. Systems Div.
Netkom Stock?? I don't own no stkin' Netkom stock...| Pyramid DC/OSx MIS-12
Yes, here at Netkom, we have BANANAS!!!............| System Admin.
```

3441. Re: Repeater antennas: com

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 13:01:05 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795359246.AA00730@hamlink.mn.org>
Source record: 250609

HH>
HH>What about the Super Stationmaster antennas from Phelps-Dodge (now
HH>Cellwave)?
HH>

Until the foil develops cracks from flexing. Then you get a wonderful
noise generator everytime the wind exceeds about 7 knots!

3442. Re: Address change

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 13:02:33 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795359246.AA00731@hamlink.mn.org>
Source record: 250610

FCC Form 610 is used for address changes.

3443. Re: Qex publisher info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 13:13:54 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795362510.AA00733@hamlink.mn.org>
Source record: 250621

DD>
DD>I have seen the publication QEX mentioned in posts here; I have
DD>looked for it at the local HRO without success. Does anyone have
DD>the publisher's address & phone number? I would like to check it
DD>out. Thanks in advance.
DD>

QEX is an ARRL publication.

ARRL
225 Main St
Newington, CT 06111

Ph: 203-666.1541

3444. Re: learning cw (text in clear)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 13:50:33 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3k9fn9$hdf@crcnis3.unl.edu>
Source record: 250589

Theodor Johannes Schmitz (theo_schmitz@VNET.IBM.COM) wrote:
: Hello CW experts,

: I just failed my 12wpm (german)cw (HF upgrade)exam.
: I have no problems copying random characters (grouped by 5)
: but with text in clear I loose the line much faster, maybe
: by trying to make sense out of the text just written or
: by guessing the next characters of the current word.
: I think this occupies my mind so much that I loose contact
: to the code signs coming into my ear at that time.
: What can I do to avoid that ? Is there any trick I can use ?
: I tried to cover with my left hand the characters just written
: but that seems a bit stupid and I wonder if there is an other
: way to manage that.

: Regards/73
: Theo (DB9EJ)

Hi Theo,

Many people who copy higher-speed morse "copy behind"...that is, they listen and mentally copy 1, 2, 3 or more letters ahead before writing anything down. At first, this may seem impossible, but you can try it at lower speeds to see if it might work for you. It is helpfull in preventing you from "thinking you know what is coming next" and getting off track.

I'm not sure there are any other "tricks". It may just take some strong mental discipline to force yourself into not thinking about the content and just copy letters.

Maybe you could have someone send to you or make tapes of text in which each group of charaters starts out as a common word but ends in random characters? This might force you out of your habit of thinking ahead.

Good luck!

Greg WB0RTK

3445. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 13:53:40 UTC
From: jimkd0av@aol.com
Message-ID: <3k9ft4$5ik@newsbf02.news.aol.com>
Source record: 250588

>Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

You need a converter to pick up the signal on 430 Mhz (assuming ur talking about fast scan) and convert it to channel 3 or 4 on ur tv. Check mags for ads or you may run across one at a hamfest.

Jim KD0AV

3446. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 14:05:27 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <3k9gj7$hji@crchh327.bnr.ca>
Source record: 250590

In article <5oy6mg6.orkin@delphi.com>, BIGBOY <orkin@delphi.com> writes:
|> Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

Depends on your setup.

If your TV can receive cable channels (most new one can switch between
braodcast and cable), then yes !

420.000 - 450.000 Amateur 70 Centimeters

420.000 - 426.000 ATV repeater or simplex
420.000 - 426.000 Cable TV Channel 57
426.000 - 432.000 ATV simplex
426.000 - 432.000 Cable TV Channel 58
432.000 - 438.000 ATV repeater or simplex
432.000 - 438.000 Cable TV Channel 59

This is not the only 'bandplan', but gives you an idea.

Of course, the transmitter would need to be relatively close, and
an external antenna (tuned properly) would help greatly.

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of
my employer or co-workers, family, friends, congress, or president.

3447. Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 14:24:10 UTC
From: jimkd0av@aol.com
Message-ID: <3k9hma$5th@newsbf02.news.aol.com>
Source record: 250592

I recently bought an all-mode 144/440 radio from a local dealer. After a short period, I decided that it was more than I needed and returned it. The rig was a demo but the dealer hit me with a 15% restocking fee and said I should be happy that it wasn't their normal 25%. Their policy was posted near the cash register but I guess I missed it.

I could understand a restocking fee on brand new, out of the box, equipment, but I thought 15% was a little excessive on a demo.

I would be interested in anyone's experience on restocking fees. Either reply here or direct to JimKD0AV@aol.com (I will supply a summary of responses to those interested).

thanks and "buyer beware"

Jim KD0AV
sadder but wiser.

3448. Re: address change

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 14:33:50 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031652430@alb.med.itc.com>
Source record: 250591

In Article <9503140033207905@richcon.com>
richard.hernandez@richcon.com (Richard Hernandez) writes:

> My county just went on a new 911 system and changed all addresses to
> enable a more logical system of numbering. Can anyone tell me what form
> I need with FCC to change my address? You may post here or at address
> below.
> Thanks QC4QBQ
>
> richard.hernandez@richcom.con
>
You use a standard 610 form, just as you would use for upgrading a license
after an exam. If you can't get one locally, send me an e-mail and I'll
send you one...I have a bunch of them.

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3449. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 14:37:24 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D5JFAC.AoB@ranger.daytonoh.attgis.com>
Source record: 250604

brucem@eskimo.com (Bruce Miller) wrote:
>
> Anybody have any thing to report about the Radio Shack
> 2m handhelds? Good, bad, indifferent, etc? I'm
> contemplating a low-end (not much $$) purchase.

The HTX-202 is a good choice for a 2m-only HT if you are on a limited budget. Don't let the RS name scare you. I think it's made by Maxon under license from Icom and sold at RS. I have no idea how they come up with these marketing arrangements. I digress. The radio is pretty solid and seems to laugh at being dropped and bumped (unintentional destructive testing I conducted last week).

The 202 cannot be modified for out-of-band transmit or receive.
Sound quality is good.

I use mine mobile with a small 1/4-wave antenna on top of my vehicle. It works pretty well but I can tell I'll be outgrowing it soon. I'm already dreaming about dual- and tri-band HTs.

I've heard experienced hams say they like it as a backup radio even though they are using much nicer radios now. So if you upgrade in the future, you can keep the 202 as a backup/loaner radio.

The HTX-202 and HTX-404 (440MHz) radios from RS go on sale periodically. They usually discount them quite a bit if you can wait. You might even go into a RS and ask them when they will go on sale. If they know, they'll tell you.

Good luck on whatever you decide.

Greg Smith - KB8YBS
AT&T

3450. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 14:57:51 UTC
From: treit@seanet.com
Message-ID: <treit.200.000EF741@seanet.com>
Source record: 250619

>Could someone explain what the appeal is in contesting? I realize that
>people have differing ideas of what is fun, but, if contesting is what
>I think it is, spending an entire weekend making thousands of extremely
>brief contacts not only sounds boring, but also seems to be an incredible
>abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
>have real QSO's and possibly make new friends in the process?

>Yet, I'm amazed at how popular contesting seems to be -- or at least that's
>the impression I get from the latest CQ. I'm even more amazed that amateurs
>in other countries have gotten hooked on this.

>No, this is not a troll -- I really am trying to understand what the hook
>is that gets people involved in this.

I had something of the same attitude when I got my license a little over 2 years ago, that is: I didn't see a big appeal in contesting.

That all changed when I worked field-day: the entire event, contest that it is, was so full of challenges and teamwork and all sorts of FUN stuff that I really enjoyed it. I worked the novice station on CW (I was the only operator for that station) and it felt great to be able to put all that hard work in getting licensed into something with a goal: making lots of contacts.

I am not a contester: I run 100 watts to a dipole and enjoy ragchewing, primarily on CW, over all other forms of ham communication. I do work the November CW sweepstakes, though, primarily for a challenging change of pace: for one weekend rag-chewing is put aside and a persons operating and physical capabilities are put to the test. I am not interested in winning: I send all my code manually and copy the same, though I could rig my station to do otherwise. For me the occasional contest is a personal challenge, and therein lies the appeal.

Try one sometime...you might be surprised at how enjoyable a contest can be!

73's

-Mike KB7QOP

3451. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 14:59:38 UTC
From: wyn@ornl.gov
Message-ID: <wyn.288.2F68525A@ornl.gov>
Source record: 250593

In article <3k7dsf$1aae@usenetw1.news.prodigy.com> HWDX09A@prodigy.com (Robert Reed) writes:

>The following was printed in the March 1, 1995 issue of the W5YI Report
>and is a very interesting responce to K1MAN on the ongoing interference
>complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.

[letter deleted]

Very refreshing indeed. If the forgery wasn't so laughably obvious, one might expect the FCC operative who allegedly wrote the letter should take offense at his personal mail being broadcast all over the world.
Good stuff! Keep it coming. ;-)

73,
C. C. (Clay) Wynn, N4AOX
registered agent of Amateur Radio Nitwittery Investigations (A.R.N.I.)
==========
= ...- .. ...- .- - . .-.. . --. .-. .- .--. .... -.-- =
==========

3452. Re: Best of Net - Home Page (ie. squash K1MAN)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 15:36:01 UTC
From: wyn@ornl.gov
Message-ID: <wyn.290.2F685AE1@ornl.gov>
Source record: 250595

In article <ko4ta.155.0007D41E@mindspring.com> ko4ta@mindspring.com (Don Simpson) writes:

>Please check out the best of Net - World Wide Web Home page!

Looks like the vendetta continues. More form letters for us ignorant readers to sign and send in to FCC/Congress/ARRL complaining about K1MAN lest we form an opinion of our own. What an excellent use for a WWW Home page.

73,
C. C. (Clay) Wynn, N4AOX
registered agent of Amateur Radio Nitwittery Investigations (A.R.N.I.)
==========
= ...- .. ...- .- - . .-.. . --. .-. .- .--. .... -.-- =
==========

3453. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 15:58:55 UTC
From: turner@safety.ics.uci.edu
Message-ID: <3k9n7v$bml@safety.ics.uci.edu>
Source record: 250596

In <3k8jb7$45j@nyx10.cs.du.edu> epladsen@nyx10.cs.du.edu (Eric Pladsen) writes:

>I have a few questions for anyone who is familiar with the procedure
>for getting call plates in California:

Not too familiar, but I can give you a start.

> 1. Does California slash the zero for those with zero-land calls?

I don't believe so. I have never noticed one.

> 2. How much extra do the plates cost? One-time fee, or every year?

It is cheap, very cheap, and it is a one time fee. Something like $20.
It must have been cheap, I could not have afforded it otherwise (I did
it a couple of years ago on a student stipend here.)

> 3. What form needs to be filled out to apply for the plates?

Go to the DMV and ask, they give you the forms.

> 4. How long does it take to get the plates?

A long time for me. Long time. Maybe 6 months.

> 5. What is your opinion on the risk factor for break-ins and/or
> vandalism that call plates add?

I have never noticed a risk factor from callsign plates. Never noticed
anyone else worrying about it either. I don't think it is a problem.

Clark
WA3JPG

3454. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 15:59:19 UTC
From: tigger@prairienet.org
Message-ID: <3k9n8n$ppm@vixen.cso.uiuc.edu>
Source record: 250594

In a previous article, dmunroe@vcd.hp.com (Jordan Peugeot) says:

>Could someone explain what the appeal is in contesting? I realize that
>people have differing ideas of what is fun, but, if contesting is what
>I think it is, spending an entire weekend making thousands of extremely
>brief contacts not only sounds boring, but also seems to be an incredible
>abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
>have real QSO's and possibly make new friends in the process?

As the previous respondent pointed out, if you don't understand, no explanation is possible. However, I will try.

My personal enjoyment comes from the competitive nature of the event. I find this quite amusing personally, since I am not a competitive person by nature EXCEPT in a contest. I have never been one for ragchewing. My personal enjoyment in the hobby does not come from talking to somebody about their wife and kids, or what kind of garden they've planted this year (Unless they're from the African continent!). I am a DX'er and Contester. Yes, this means I send and receive a lot of "599 QRZ?" exchanges. For some, that can be comapred to a video game, or at the least, quite boring.

My primary enjoyment comes from the fact that I have established two-way contact with somebody on the other side of the earth. It doesn't matter what the duration of the contact is...to me, the mere fact that I am able to do it serves as enjoyment enough.

I am constantly trimming or pruning my station to make it as efficient as possible. I'm hardly a Big Gun operator, but I like to see what I can do with the equipment I have. To me, contesting is the best way to put my station through the ringer, find out what it's strengths and weaknesses are (and my personal ones, too), and examine room for improvement. In addition, contesting offers me chances to take care of the awards that I'm currently pursuing (DXCC, VUCC, WAZ, 5B WAS) with an alarming degree of efficiency Example: I decided I wanted a good, short-term challenge, so I decided to go for WAS on 160m. I only have a 40m dipole for a 160m antenna, so this seemed like a decent personal and station challenge. I was able to accomplish this feat in less than 3 months, primarily due to the ARRL 160m and International DX contests. There are some folks that have been trying to do this for several years. Does that make me a better op? I don't think so. Perhaps a wiser investor of time, but not "better."

Regarding meeting new people, I've made more long-term friendships (8+years) through contesting than by ragchewing. I've even been invited to operate from some places around the world where the "local" has opened his home and station to me for next to nothing (in one case, NOTHING), allowing me to see different parts of the world that I couldn't afford to

see otherwise.

As for the presumed "waste" of spectrum, let's make the analogy to auto racing. Lots of people enjoy getting in their cars and driving in a circle at 200mph for hours on end. I don't get it. You could even argue that in this day and age of "reduce, reuse, recylce" and "save our natural resources," auto racing is a trememdous waste of petroleum products. Obviously, there are lots of folks who don't see it that way. besides, if you don't enjoy the QRM caused by contesting, you can always switch modes of communication. If it's an SSB contest, ragchew on CW. (You DO know CW, right?) Also, remember that contests are limited to 48 hour periods. You can ragchew ANY day of the year.

I personally feel that slow-scan TV is one of the most obnoxious forms of communication by ham radio there is. But then again, who the hell am I to judge? Do what you enjoy the most.

These are my two cents. I speak for nobody but myself.

73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/294 cfmd
Updated: 13 March 1995 Latest New One: ZL9GD
Support congressional funding for Public Broadcasting!

3455. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 16:12:49 UTC
From: helliott@losat.redstone.army.mil
Message-ID: <3k9sm1$n8t@michp1.redstone.army.mil>
Source record: 250603

In article <3k7dsf$1aae@usenetw1.news.prodigy.com>, HWDX09A@prodigy.com
says...
>
>The following was printed in the March 1, 1995 issue of the W5YI Report
>and is a very interesting responce to K1MAN on the ongoing interference
>complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.
>

Snip of poignant and generally righteous letter

>I also urge you to consulty with an attorney concerning MS
>Malone's letter. To provide you with some incentive to do this, let me
>say that if you wish to communicate with me for any reason, it must be
>done through an attorney. I will not accept any letters or telephone
>calls from you personally.

Mr. Greenspan, if you are listening, I spit on you for this. This kind
of attitude ought to bring you and everyone like you up on anti-trust
charges. This is no different than having all the hamburger vendors
in this country agree to raise their prices at once, and no
hamburgers can be sold at less than the agreed to price. What you are
saying is that communication between an individual and an attorney is not
possible because the individual must pay an attorney to communicate with
you. You and your type are scum and are killing the viability,
productivity, and competitiveness of this country. This person to whom
you addressed this letter should be able to contact you or anyone else
and carry on a conversation or communicate in any way without the
unnecessary burden and overhead of having to hire a highly educated
professional liar.

Attorneys, and the law profession in general, are killing my country,
like aids breaking down an immune system. The only reason one ever needs
a lawyer is to defend oneself from another lawyer. If there weren't any
lawyers, then we wouldn't NEED any lawyers.

Go chase an ambulance - maybe we'll all get lucky and you'll get run over
and there will be one less damaging influence on this country.

Kudos to the poster of the letter - I am glad something is happening on
this subject.

--
Doc Elliott
KE4KUZ
Internet: helliott@losat.redstone.army.mil
packet: ke4kuz@k4ry.#cenal.al.usa.noam

The opinions expressed herein are mine, and do not reflect those of my employer or anyone else unless specifically stated as such.

3456. Re: Re: Best of Net - Home Page (ie. squash K1MAN)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 16:16:00 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3k9sl5$n80@newshost.lanl.gov>
Source record: 250655

Clay,
Have you and Glen been friends long? Most of
us are very tired of the whole mess. Between
Glen's ego and the "Good 'ol boy" net I'm a bit
embarassed to admit that I am a ham.

3457. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 16:17:58 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3k9obm$rt9@godot.cc.duq.edu>
Source record: 250597

JimKD0AV (jimkd0av@aol.com) wrote:
: I recently bought an all-mode 144/440 radio from a local dealer. After a
: short period, I decided that it was more than I needed and returned it.
: The rig was a demo but the dealer hit me with a 15% restocking fee and
: said I should be happy that it wasn't their normal 25%. Their policy was
: posted near the cash register but I guess I missed it.

: I could understand a restocking fee on brand new, out of the box,
: equipment, but I thought 15% was a little excessive on a demo.

: I would be interested in anyone's experience on restocking fees. Either
: reply here or direct to JimKD0AV@aol.com (I will supply a summary of
: responses to those interested).

: thanks and "buyer beware"

: Jim KD0AV
: sadder but wiser.

in spite of all the bad thing people yak about radio shack, their
no nonsense no questions asked return policy cannot be beat.
All the ham radio stores I have dealt with either have the restocking
fee nonsense, or the store credit only nonsense.

jerry AA3KN

3458. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 16:35:38 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-1603950835380001@17.32.67.169>
Source record: 250601

In article <3k8jb7$45j@nyx10.cs.du.edu>, epladsen@nyx10.cs.du.edu (Eric Pladsen) wrote:

> I have a few questions for anyone who is familiar with the procedure
> for getting call plates in California:

Based on my experience, a few years ago (your mileage may vary):

>
> 1. Does California slash the zero for those with zero-land calls?

Probably not, since the 00's in the number plates look the same as oo's

>
> 2. How much extra do the plates cost? One-time fee, or every year?

One time fee (so far)

>
> 3. What form needs to be filled out to apply for the plates?

Used to be DMV form 441 - DO NOT try to use the normal "environmental" route- that system automatically blocks requests that look like ham calls (with a fairly ambiguous message- it's trying to "help" you).

>
> 4. How long does it take to get the plates?

Not too long

>
> 5. What is your opinion on the risk factor for break-ins and/or
> vandalism that call plates add?

In northern california, not much added risk.

--
Bob Martin * rtm@newton.apple.com
N6MZV * N6MZV @ N0ARY.#NOCAL.CA.USA.NOAM
--

3459. Re: Help with old callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 16:47:12 UTC
From: affrunti@orion.oac.uci.edu
Message-ID: <affrunti.795372432@orion.oac.uci.edu>
Source record: 250598

Paul,

You might try QCWA - they have access to old callbooks. I don't
have their number in front of me but they advertise in CQ and QST.

I really do like your current callsign.

73, Bob, AA9MI

3460. Why HAM NAME need asap tnx

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 16:47:52 UTC
From: "J. T. Mitchell (Mitch)" <mitch@tnc.com>
Message-ID: <3k9q3p$nhd@news.fonorola.net>
Source record: 250602

I am looking for an answer to why the name "HAM" is used for amateur radio ..

tnx in advance
mitch

3461. Re: QEX Publisher Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 17:10:16 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031661816@alb.med.itc.com>
Source record: 250654

In Article <3k47h6$osh@cello.gina.calstate.edu>
dhinch@cello.gina.calstate.edu (David L. Hinch) writes:

> I have seen the publication QEX mentioned in posts here; I have looked
> for it at the local HRO without success. Does anyone have the publisher's
> address & phone number? I would like to check it out. Thanks in advance.
>
> 73 Dave KE6MYC--
>
QEX is an experimenter's journal published by the ARRL (American Radio
Relay League, 225 Main St., Newington CT 06111)

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3462. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 17:46:38 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.795375998@melpar>
Source record: 250643

QSK is also great for high-speed operation during DX contests or
when trying to bust "pile-ups".....

73 DE K4MSG

3463. Re: FET REPLACEMENT,B3016AMP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 18:03:00 UTC
From: zlau@arrl.org
Message-ID: <1995Mar16.180300.29683@arrl.org>
Source record: 250605

KD6KGW Greg Dolkas (greg@core.rose.hp.com) wrote:

: I had the same problem, and asked a fellow ham here at work for a substitute
: part. Attached is his reply. BTW, the part I ended up with did work, but
: even after adjusting the input and output trim capactiors I found that the
: added gain of the preamp was nearly offset by the increase in the noise floor.
: Turning up the *audio* gain of my rig was almost as good as turning on the
: preamp! If you have a choice of devices, look for one with a low noise figure.
: The one I ended up with had 4db listed on the package, even though it seems
: it should be 2db.

Unless you have a rather deaf radio, it is quite likely that a 2M
preamp in a brick sitting next to your radio will provide little,
if any, improvement in sensitivity. This wasn't the case 20 years
ago...

Reasons why.

1. The radio may have a better noise figure than the preamp.

2. The background noise in most urban areas is quite high. The
background noise may be a bigger factor than the sensitivity of
the radio. This noise is primarily generated by devices hooked
to the AC power grid. The fewer such devices around you, the
quieter your location. The problem goes away as you go higher
in frequency. One of the reasons why all the new technologies
(DSS, GPS, PCS, ect) all use microwaves--its quieter up there.

3. The lossy feedline to the antenna may determine the sensitivity
of the system. This is why mast mounted preamplifiers work so well
at UHF and above.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3464. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 18:10:11 UTC
From: jjmartin@world.std.com
Message-ID: <D5Jp4z.Bno@world.std.com>
Source record: 250607

In article <D5IDAo.Hp8@vcd.hp.com>, dmunroe@vcd.hp.com (Jordan Peugeot) says:
>
>Could someone explain what the appeal is in contesting? I realize that
>people have differing ideas of what is fun, but, if contesting is what
>I think it is, spending an entire weekend making thousands of extremely
>brief contacts not only sounds boring, but also seems to be an incredible
>abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
>have real QSO's and possibly make new friends in the process?
>
>Yet, I'm amazed at how popular contesting seems to be -- or at least that's
>the impression I get from the latest CQ. I'm even more amazed that amateurs
>in other countries have gotten hooked on this.
>
>No, this is not a troll -- I really am trying to understand what the hook
>is that gets people involved in this.
>
>-Dave

Gee Dave, this is one of those questions I have to answer with more questions...

Why do some people race cars? Why do some play sports? Why do some people operate cw and not RTTY? Why are many people contented with remaining on two meters and nowhere else?

Why do some people like asparagus and not broccoli? Why do bunny farts smell like carrots? [sorry Dave, I had to throw that one in there] 78-D

There really is no one answer. I enjoy the heck out of contesting but then again I don't enjoy EVERY contest. Depends on my frame of mind at the time of the contest. Depends on the station I happen to be operating [I'm not always operating at my own station].

You may have a valid question Dave, but ask yourself this: "What activities do I get involved with that others may not be too keen on?" You may find your answer. Everyone has their own likes and dislikes. Not everyone got into amateur radio for the same reason(s). If you were ever bitten by the proverbial "bug" you'd know what it is to breathe, eat, sleep, et. al. ham radio. Getta life seems to be the answer nowadays for those who can't see what is so much fun about contesting, working within a DX Net or a WAS net or County Hunter's Net or work all telephone area codes net. Hey, it's not my thing to sail across the Atlantic or walk over hot coals...but someone has to do it!

Hope this helps you out Dave. good luck in your endeavors.

73 de jim
-wk1v-

3465. Re: Ham freqs in NW US

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 18:36:42 UTC
From: Karl Oyster <koyster@infi.net>
Message-ID: <3ka0fq$7lu@lucy.infi.net>
Source record: 250608

> I'm using just says what range to look in, but I'm using a
> programmable scanner; I can't scan a range to find you hams...
>
Will Middleton

Suggest you try the repeater guide or locate a local ham....the
info is quite available......73, Karl, NQ1W

3466. Re: Solar-flux info via the Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 20:18:45 UTC
From: zilch0@primenet.com
Message-ID: <3ka6f5$on6@news.primenet.com>
Source record: 250611

You can get IPS Daily Reports from this ftp site:

rtfm.mit.edu/pub/usenet-by-hierarchy/ips/solar/activity/

/----------------------\
Michael K. Davis, AB6SL
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3467. Need help with Spice 5.4 eval for Windows!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 20:25:02 UTC
From: umthoma5@cc.umanitoba.ca
Message-ID: <3ka6qu$h7i@canopus.cc.umanitoba.ca>
Source record: 250612

Back in December there was a query on this newsgroup asking about the
Pspice 5.4 evaluation program for Windows. I finally got around to
getting it to try out but it isn't working for me! whenever I try to
load a circuit into the Pspice module, it immediately responds with the
message _Errors occurred during simulation_ and an empty output file is
produced. Occasionally, I get a general fault at ... Program aborted
message or it says it won't load because it needs at least 1024K of
memory. I've tried reinstalling it without any luck. Any suggestions?
I was trying to run it on an AST 486sx 25 with 4 meg ram. I turned off
all screen savers, wallpaper and modified my autoexec.bat file to load as
much high as possible. Does it need a math co-processor to run
properly? Is there a flaw in the program or is it just my setup? And
finally, is the 6.1 version mentioned in the previous article on the net yet?
Any help would be appreciated as it looks like an excellent program
otherwise. E-mail me directly if possible as I don't always get a chance
to read through all of my newsgroups and they are purged fairly quickly here.

Thanks!

Craig Thomasson VE4 CET Oh dear, I think you will find that reality
umthoma5@cc.umanitoba.ca is on the blink again. -Marvin.

Year II Computer Engineering at the University of Manitoba
President - University of Manitoba Amateur Radio Society (UMARS) VE4UM
Distribution Assistant - Canadian Railway Modeller Magazine
Member - A whole pile of Model Railroad and Ham Radio related organizations!

3468. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 20:29:14 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D5JvKr.K7J@ranger.daytonoh.attgis.com>
Source record: 250614

levy@fndcd.fnal.gov wrote:
>
> In article <3k5aea$7i9@newsbf02.news.aol.com>, horrock@aol.com (Horrock) writes:
> > May Rat Shack and ALL its RATS burn in HELL!!
>
> Thank you for that highly informative contribution.

No kidding. Why don't these people just use a low-interest Visa and
quit whining about being screwed by their RS credit card.

3469. Re: Rat Shack Ripoff (Greg Smith)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 20:50:12 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3kad46$14l@newshost.lanl.gov>
Source record: 250662

Greg

Why didn't I do that because I was offered a "no interest"
deal. No beats low every time.

The entire idea of the original post was as a heads up to
others as this problem seems to be a pattern in my area.
I perfectly capable of paying cash for a purchase of this size but;
they made an offer, I accepted the offer, they should perform.

BTW I claim no credit for the suggested religious punishment
cited in your post

3470. Re: More Ham-Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 20:59:06 UTC
From: faunt@netcom7.netcom.com
Message-ID: <FAUNT.95Mar16125906@netcom7.netcom.com>
Source record: 250613

I was in the Southeast for a few days, and spotted an article in the Columbia, SC "State" newspaper that they picked up from the Spartanburg SC "Herald Journal" about SAREX in general, saying that the Shuttle could be heard on 145.55 using a scanner. Good publicity.

73, doug

3471. UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 21:20:53 UTC
From: dbushong@wang.com
Message-ID: <D5Jxyu.4J@wang.com>
Source record: 250616
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In this month's Wordradio, page 15, there is an article about a UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu FT-470.

Has anyone tried one of these on a higher-powered transmitter? I have a Kenwood 741, which puts out 50 watts, and I don't want to blow the sucker apart. Or, does anyone know if there is a higher-powered version of the filter?

Here's the text of the article (typos are mine, sorry...)

Worldradio, 520 Calvados Ave., Sacramento, CA 95815
Vol. 24, No. 10, page 15

==========
UHF/VHF anti-virus filter

Ann Shaver, AH2E

Concern over the possibility of Hawaiian repeaters becoming infected with mainland viruses has prompted Richard LaChance, AH6IO, to develop an effective, inexpensive anti-virus filter for use with all HTs. I tested this innovative product for one week, trying it on a variety of 2 Meter and 440 equipment and was very impressed with its performance. For the first time in many months, I was confident I could enjoy area repeaters without fear of picking up a virus.

[caption]
The anti-virus filter works well on VHF and UHF equipment. - photo by NH2Z

"The Aloha State is particularly prone to viruses," LaChance explained recently "First, we're the crossroads of the Pacific. Every month scores of hams from Europe, Asia and the rest of the United States visit here. For that matter, recent statistics show a significant proportion of our visitors now come from Oceania and Latin America as well. So the chances of someone importing a virus are relatively high. "Second," LaChance continued, "our warm, tropical climate is the ideal environment for the incubation of viruses. In my line of work, I see a lot of sick radios (LaChance is the technician m Hawaii's leading radio store) and I wanted to do something to prevent the spread of the problem. Honestly, I'd be overwhelmed if users of the City Hall or Diamond Head repeaters, for example, picked up some virus.

"These days, you just can't be too careful."

Although the anti-virus filter looks simple, much sophisticated engineering has gone into it. Just as important, it is easy to use. With the addition of only a simple adapter, it can be used on any VHF or UHF equipment. Imbedded in a small puka (a Hawaiian technical term generally translated as "hole") is an adjusting screw that permits the user to null out any detected virus.

My only complaint is that the antivirus filter does alter the center of gravity of HTs, particularly the newer micro-minis on the market. I found my unit to be slightly unstable when the 5/8 wave-length telescoping antenna was fully extended. Admittedly, this is a minor complaint, given the value of this simple device. On the other hand, the filter is equally effective with all types of radios and antennas. Versatility counts a lot! Although I have not yet had a chance to test it, I am looking forward to using it with my hardhat-mounted 440 6-element cubical quad.

"It is an awfully good idea," agreed Chuck Burch, AH6IN. "In my own experience with antennas, I've always found that monopoles offer adequate protection, but Richard has come up with something that the average ham, particularly the newer, less technically inclined ham, can use to good effect. Since the Center for Disease Control in Atlanta knows of no antibiotic that is effective against deadly repeater viruses, LaChance's filter will no doubt find a wide market.

Check with your local frequency coordinator. If he/she thinks your area is prone to viruses or if you plan to operate mobile or portable, consider protecting your equipment with an anti-virus filter. If your local ham supply center does not stock this item, contact LaChance directly. He is listed in the Callbook.TM

==========[end of quoted article]==========

Dave
--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

3472. Cliff Stoll writes about the net, CB and ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 21:24:54 UTC
From: pgsperseng@aol.com
Message-ID: <3kaab6$aiv@newsbf02.news.aol.com>
Source record: 250615

I just received a review copy of a book by Cliff Stoll titled "Silicon Snake Oil: Second Thoughts on the Information Superhighway," Doubleday, $30, ISBN-0-385-41993-7 (If you don't remember the name Cliff Stoll, he's the computer expert who discovered that some German hackers were breaking into US government computer systems and selling secrets to the KGB. He wrote a book describing his adventures titled "The Cuckoo's Egg" and Nova did a real nice docudrama about the incident.)

In any case, his latest book includes an interesting chapter (Ch 8) titled, "Comparing the Usenet to CB Radio, Without any Astronomy." Without violating copyright laws by reproducing those four pages here, he sees the Usenet as evolving into something akin to CB radio in its heyday--filled with profanity and vilification and sometimes intentional misinformation. Without any regulation or licensing it offers "conversations strangely vacant of substance" and "vicious attacks."

Cliff then relates how, as a teenager, he got hooked on ham radio--learned his code, got his ticket, built a homebrew 10W tube transmitter and started making CW QSOs around the world. And despite the arrival of cheap international telephone calls, satellite TV and net e-mail, all you do is follow the dots. He just doesn't find the same thrill as he did when logging a new country with equipment he built. He also feels that the ham community benefits from consideration, kindness and chosen words (and I think that, for the most part, he's right). Newsgroups are more akin to CB radio, he believes, with the implication that in a perfect world they'd be more like ham radio.

Anyway, you'll probably be hearing about the book, and I thought you might want to know about the passages pertaining to our hobby.

Paul Schreier
AA1MI
Editor, Personal Engineering & Instrumentation News

3473. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 22:04:50 UTC
From: jjohnson@hpl.hp.com
Message-ID: <D5K003.HoD@hpl.hp.com>
Source record: 250617
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Jerry Kreifels (kreifels@intel.com) wrote:

: I'd also be interested in hearing comments from anyone who has done this.
: In particular, I'm looking for headset helps, particularly how to
: make one headset work either PTT or VOX, radio mounting tips, and
: suggestions for antennas to work without a ground plane. (I'd
: prefer NOT to home-brew the antenna, so suggestions for commercial
: antennas are preferred.) I do want 2m/70cm ability as well.

: 73 and thanks in advance.

: Jerry, KO6JV (Sacramento CA area)
: Jerry_A_Kreifels@ccm.fm.intel.com

Jerry,

I've done some of this. I put a 2-meter handheld on my K-100R/T
and drove that thing from San Jose, CA to Anchorage, AK and back.
That was in 1988 so things are a little hazy right now. The antenna
is still mounted on the bike as well as the PTT switch and all the
power and RF cabling. Let's see ... I think the antenna is a 5/8-wave
mounted on the luggage rack and I ordered the headset assembly from an
outfit in the midwest which specializes in that sort of thing for
motorcycle police units. I'll have to look it up again, but I was
quite pleased with its performance. I had a boom mike mounted on the
side of my BMW helmet and I tucked it up under the part of that full-
faced helmet which is in front of your chin. That way it was close to
my mouth and out of the wind noise. There is a hole that is in the
handlebar assembly near the clutch lever (I think there is one on the
other side too) that I put the PTT switch in - I don't know why that
hole is there, perhaps for some accessory. But it worked out so that
I could push the PTT switch without letting go of the left handle grip.
This is a VERY desirable situation.

I'm taking my Extra exam this weekend but when that's over I'll try
finding out who and where this company is in the midwest ... the name
Cycle-Com rings a bell, but I'm not sure about it. Anyway, I'll get
back to you next week on it. If you don't hear from me, send me e-mail
cuz I undoubtedly forgot (!).

Good luck,

Jim Johnson WA6SII
jjohnson@hpl.hp.com

3474. ARLD012 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 22:27:48 UTC
From: w1aw@arrl.org
Message-ID: <$arld012.1995@ampr.org>
Source record: 250618
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD012
ARLD012 DX news

ZCZC AE87
QST de W1AW
DX Bulletin 12 ARLD012
From ARRL Headquarters
Newington CT March 16, 1995
To all radio amateurs

SB DX ARL ARLD012
ARLD012 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, Antoine, F6FNU, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

TUNISIA. 3V8BB has submitted proper documentation. Cards will now be accepted for DXCC credit.

ZAIRE. Peter, ON6TT, continues to be active as 9Q5TT. He was recently operating RTTY on 20 meters starting at around 2030z.

BAHRAIN. The DX News Letter (DXNL) reports that Admiral Scotty Redd of the US Navy, AKA K0DQ, is signing A92Q. Listen for his 40 meter CW. QSL via Box 116, Manama, Bahrain.

MALTA. Birgit, DL7VTZ, and Holger, DL7VTM, will be on Gozo Island from March 24 to April 7 signing 9H1TZ and 9H1TY, respectively. You may remember their recent DXpedition as TN2M and TN4U from the Congo. Plans are to participate in the CQWW WPX Contest on the 25th and 26th. Activity will be on all bands with 100 watts and wire antennas. QSL via DL7VRO.

BOUVET ISLAND. UA9OBA will be doing some extensive traveling throughout the Antarctic and Arctic regions beginning in June. Along the way he plans to activate a few new IOTAs, namely Nanskian and Scott Islands. At the end of this long trip sometime in late October or November he hopes to operate from Bouvet, AN-002.

SRI LANKA. Willem, ON6TZ, and Gerard, ON4ASQ, will be active until April 1.

ISRAEL. Riki, 4X4NJ, is active daily on 160 meters 20 minutes before and after his sunset. He can usually be found on or near

1830 kHz listening up. He needs ID, ND, NV, OR and UT to complete his WAS.

CONGO. YL op Hazel was heard last weekend signing TN7OT on 14220 kHz around 1945z.

KUWAIT. Faisal, 9K2HA, reports that as of March 1, all foreign amateurs visiting Kuwait must sign 9K2/their home calls. Please be aware that some calls once issued to foreigners are now assigned to Kuwaiti nationals. For example, 9K2ZZ now belongs to Faisal, ex-9K2HA. QSL via ON6BY. As of March 1, 9K2ZZ is 9K2/N6BFM, 9K2ZC is 9K2/KI0K, and 9K2YY is 9K2/N0YKI.

PACIFIC DXPEDITION. Tosy, JA6VZB, will be active from Belau as KC6VW until March 17. Listen for him from Micronesia as V63BM March 17, 18 and 19, and Guam as AH0T/KH2 March 19 and possibly longer. He will work all bands using CW, SSB and RTTY, but concentrate on 160 meters and RTTY. Only QSL via the bureau to JA6BSM.

EUROPA. FR5HG should be active through April 30 with CW, RTTY and SSB. He runs 500 watts to a log periodic antenna. QSL via F6FNU.

ASCENSION ISLAND. G4RWD is on the air as ZD8WD until September.

CARIBBEAN DXPEDITION. Mark, DL1XAQ, and Ralf, DL9XAT, will be on from four different IOTAs in the Caribbean. Here is their schedule. From March 25 to 26, the Saint Vincent area, J8, NA-109. March 27 to April 1 from NA-025. April 1 to 4 from Saint Lucia area, J6, NA-108. April 4 to 8 from the Guadeloupe area, FG, NA-102. Activity will be on 80 through 10 meters. QSL via their home call signs.

SAINT LUCIA. Peter, DK1RP, will be on the air as J6/DK1RP from April 11 to 29. He will operate primarily CW on the WARC bands. QSL via the bureau.

THIS WEEKEND ON THE RADIO. Information on the Alaska and Virginia State QSO Parties and Russian DX Contest appears on page 123 of March QST. Rules for the Bermuda Contest are on page 105 of February QST.
NNNN
/EX

3475. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 22:56:30 UTC
From: wb8wyu@aol.com
Message-ID: <3kafmu$bqb@newsbf02.news.aol.com>
Source record: 250620

Well Jim, I used to feel the same way about restocking fees until I worked for a amateur radio dealer as a salesman. Basically it's a matter of warranties on "demo" and "used" gear. A demo unit still carries full manufacturer warranties even though it has been used in the store. However, as soon as a customer walks out of the store with the rig it becomes a used radio and manufacturers warranties are non-transferable. The fact that a dealer lets you return the radio instead of giving you trade-in value means that they will not be totally honest with the next buyer because they will still call it a demo. Unfortunately, (for the dealer) price wars on actual radio equipment are so nasty that most dealers are only making about 5 percent on most rigs. Also, keep in mind that a Radio Shack dealer is gouging you for so many other items that they can afford to absord the cost of the occassional returned radio. Believe me, I could tell some stories about ham operators as customers, such as the guy who came in the store, had me open a new HF radio, set it up, and show him how it operates. But, when he decided to purchase it he demanded that I sell him an unopened one because the one we opened for him was now used..... Also, there seems to be little loyalty in that business, the typical ham will call 25 1-800 numbers getting prices on a $3000 radio and if someone else is 5 bucks cheaper, they get the business regardless of what other nice things you've done for them. So I say pick yourself a dealer that you like and show them a little loyalty and they will take care of you.

Thanks for letting me get on my soapbox. 73's Jesse

3476. IPS Daily Report - 16 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 23:22:19 UTC
From: rwc@ips.oz.au
Message-ID: <3kah7b$bgt@flare.syd.ips.oz.au>
Source record: 250644
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 16/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 16 MARCH AND FORECAST FOR 17 MARCH - 19 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 15 Mar
Daily Proton Fluence >1 MeV: 1.0E+06
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 6.2E+09 (very high)
X-ray background: A9.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
17 Mar 18 Mar 19 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 17 Mar: 84/26

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 15 Mar
Learmonth 10 3222 3232
Fredericksburg 11 16
Planetary 10 14

Observed Kp for 15 Mar: 3343 3223
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
17 Mar 18 Mostly unsettled, with brief active periods possible.
18 Mar 8 Quiet
19 Mar 6 Quiet
COMMENT: A slight increase in the level of activity is expected on 17
Mar due to a coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
16 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
17 Mar normal fair poor
18 Mar normal normal fair
19 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
16 Mar 21 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
17 Mar 30 Daylight enhancements of 10-20% and otherwise near
predicted monthly values.
18 Mar 30 As for 17 Mar.
19 Mar 30 As for 17 Mar.
COMMENT: Spread F observed during the local night is possible again
today.
Observed Townsville frequencies: daylight enhancements.
Observed Hobart frequencies: daylight depressions 10-20%.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3477. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-16 23:59:21 UTC
From: hawley@aries.scs.uiuc.edu
Message-ID: <hawley.795398361@aries>
Source record: 250622
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

jjohnson@hpl.hp.com (James L. Johnson) writes:

>Jerry Kreifels (kreifels@intel.com) wrote:

>: I'd also be interested in hearing comments from anyone who has done this.
>: In particular, I'm looking for headset helps, particularly how to
>: make one headset work either PTT or VOX, radio mounting tips, and
>: suggestions for antennas to work without a ground plane. (I'd
>: prefer NOT to home-brew the antenna, so suggestions for commercial
>: antennas are preferred.) I do want 2m/70cm ability as well.

>: 73 and thanks in advance.

>: Jerry, KO6JV (Sacramento CA area)
>: Jerry_A_Kreifels@ccm.fm.intel.com

> Jerry,

> I've done some of this. I put a 2-meter handheld on my K-100R/T
> and drove that thing from San Jose, CA to Anchorage, AK and back.
> mounted on the luggage rack and I ordered the headset assembly from an
> outfit in the midwest which specializes in that sort of thing for
> motorcycle police units. I'll have to look it up again, but I was

Cycle Comm, 3300 Castle Rd.,Woodstock, Illinois 800-527-6798 815-337-0790

> quite pleased with its performance. I had a boom mike mounted on the
> handlebar assembly near the clutch lever (I think there is one on the
> other side too) that I put the PTT switch in - I don't know why that
> hole is there, perhaps for some accessory. But it worked out so that

That is where the mirrors mount when you don't have a fairing (or a barn
door in the case of an RT) mounted on your motorcycle.

> Cycle-Com rings a bell, but I'm not sure about it. Anyway, I'll get
> jjohnson@hpl.hp.com

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign
also a K100RS rider MOA #224

3478. Icom T21A Mods - Where's the Diodes?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 00:14:12 UTC
From: gocean@pipeline.com
Message-ID: <3kak8k$pvu@pipe2.pipeline.com>
Source record: 250624

I have a T21A which I love dearly except I want to do the mods listed in the technical notes (I'd be happy to snailmail them to you -- send me a #10 SASE with stamps for 2ozs Kevin Cornwell, P.O. Box 444 Hornbrook, CA 96044)

BUT there's no pictorial telling me where D14 & D15 is so I can cut them. They aren't marked in the radio nor on the PCB. Does anybody have a pictorial of their position?

73, Kevin N6ABW

3479. Re: learning cw (text in clear)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 00:14:39 UTC
From: kc7fqd@primenet.com
Message-ID: <3kaklm$b6o@news.primenet.com>
Source record: 250623

gbrown@unlinfo.unl.edu (gregory brown) wrote:

>I'm not sure there are any other "tricks". It may just take some
>strong mental discipline to force yourself into not thinking about the
>content and just copy letters.

Translation --> Practice

--
| Dennis Rice kc7fqd@primenet.net |
| KC7FQD Packet: |
| Northern Arizona University KC7FQD@N7CEE.AZ.USA.NA |
| Flagstaff, Arizona NAU Amatuer Radio Club |
| Check out my homepage at: http://www.primenet.com/~kc7fqd/ |
--

3480. RACES and ARES Bulletins

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 01:04:16 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3kan6g$8lo@yrkpa.kias.com>
Source record: 250625

Would someone advise me which ftp sites carry current
ARES and RACES bulletins.

Thanks in advance John K3NXU

3481. W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 01:43:39 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.158.02FA979E@mindspring.com>
Source record: 250629

Today W5YI Fred Maia filed a formal petition with the FCC. The petition requests the FCC modify part 97 to prohibit one way broadcasting below 30 mHz.

To see the full petition go to the following WWW address.

http://www.mindspring.com/~ko4ta/bestofnet.html

Happy Hamming....

3482. Cordless Phone Info Needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 01:44:25 UTC
From: hansen@hpl.hp.com
Message-ID: <D5KA61.7w3@hpl.hp.com>
Source record: 250626

I want to use two Uniden CT-301 cordless phones, on the same channel, to be able to talk/receive to one of the base units that will be on tel line. Ie, I would like to use one of them as a cordless "extension" from shack in the garage. Troulbe is, the units have different "security codes" which apparently are generated internally. Therefore, they will not yet work as above.
Question: How to disable the security code, or, set each to the same code??

Please reply to hansen@saiph.hpl.hp.com Thanks.

3483. QSL Address

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 02:25:27 UTC
From: ac579@rgfn.epcc.edu
Message-ID: <1995Mar17.022527.4128@rgfn.epcc.edu>
Source record: 250632

Hi group.
I need the QSL address for MIR and STS-67.
Could/would some kind soul send them tom me?
Thanks
73, Roland

--
Roland Cowan WF4P/AAT6MC
ac579@rgfn.epcc.edu

3484. Re: Callsign license plates in CA? [some answers]

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 02:41:13 UTC
From: keating@nosc.mil
Message-ID: <1995Mar17.024113.13312@nosc.mil>
Source record: 250627

Eric, Here are the answers as I know them....

1. Slashed zeros? No. Too bad, isn't it.

2. Cost? I think it costs $23 extra for the one time you buy the
plates,
not every year you register your car.

3. Form? Don't know, but DMV has them, and so does the Calif. AAA which
is
allowed to perform most DMV transactions as an agent of the DMV for
its
members. Much more convenient, btw.

4. About 6 weeks or so, has been my experience.

5. I doubt you could measure any significant risk change. Most don't
know
what they are. There is nothing different about them except that
your
call is the number. No mention of amateur radio, as some states
have.

Hope this helps a bit.

Send email for more info, if you need it.

Roger Keating - KD6EFQ/RC DM12jr
keating@nosc.mil Pt Loma CA

3485. Looking for: San Bernardino Microwave Society

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 02:48:24 UTC
From: keating@nosc.mil
Message-ID: <1995Mar17.024824.13432@nosc.mil>
Source record: 250628

I would like information on how to contact the membership of the
San Bernardio Microwave Society, in SoCA.

Please post answers, and ALSO SEND THEM BY EMAIL to:
keating@nosc.mil

73, Roger - KD6EFQ
keating@nosc.mil

3486. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 03:19:25 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD5KEKD.BH9@netcom.com>
Source record: 250633

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:

: Most areas of the country that have active linking repeater networks use
: the 420 - 426 MHz sub band for the duplex link channels. ATV uses the
: 427.25 frequency or 426 - 432 sub band.

This may be true in Northern California Bob, but is is _n_o_t_ the case in much of the rest of the country. For instance it is not the case in southern California or Texas; links and ATV may be found intermixed (and sometimes interferring) throughout the entier 420 to 431 MHz frequency range.

In fact, I believe the forced 3 MHz duplex link channel plan you use in northern California is unique. Five mHz (or approximately 5 MHz) duplex link spacing is the norm everywhere else.

--
****
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
"""
* These are my ideas alone. Don't blame anyone else! *
****

3487. Re: Cliff Stoll writes about the net, CB and ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 03:27:08 UTC
From: leigh@rain.org
Message-ID: <3kavic$n8i@news.rain.org>
Source record: 250630

Paul, I was very interested in your quotes from Cliff Stoll, in comparing Usenet to CB radio. But, in my humble opinion, his comments are largely cynical overstatements.

I've been active on Usenet, ham radio, and CB, and in my opinion the intelligence & useful communications on Usenet are the greatest of the three. Yes, there are "flamers", hoaxsters and violaters of both local & international laws, but overall, I belive the transference of useable intelligence on Usenet makes it superior.

Working a new country on ham radio is indeed exciting, but much of ham radio is just repetion: "RIG HR KNWOOD ES ANT DIPOLE ES WX CLDY", or boring drivetime repeater chatter. HF contesting is a sad waste of spectrum, IMHO.

Yes, I certainly like and enjoy Ham radio! But good luck getting information/intelligence from the local repeater windbag, or the HF DX station who only wants a QSL card and a "green stamp".

73. --Leigh/KM6JE in Santa Barbara.

3488. NABER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 03:34:36 UTC
From: mellob@cortez.its.rpi.edu
Message-ID: <3kb00c$h0a@usenet.rpi.edu>
Source record: 250640

I hear NABER (National Association of Business and Educational Radio) has a presence on the NET. Possibly in the form of a World Wide Web site. Anybody have any info?

I don't ordinarily read this group, please send me email.

-Brett KD1ZF
mellob@rpi.edu

3489. ARRL Contests on Web page

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 03:54:44 UTC
From: scotte@ccs.neu.edu
Message-ID: <3kb164$8b@camelot.ccs.neu.edu>
Source record: 250631

I have placed the rules for both Field Day and the June VHF operating
contest on the ARRL's World Wide Web page.

The URL is: http://www.acs.oakland.edu/barc/arrl.html

From there, follow the link titled "ARRL-sponsored contests and events"

73,

--
Scott Ehrlich Amateur Radio Callsign: wy1z E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

3490. Re: ARLB023 FCC call sign update

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 04:38:23 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5KI7z.Jqs@news.hawaii.edu>
Source record: 250659

In article <$arlb023.1995@ampr.org> w1aw@arrl.org writes:
>SB QST @ ARL $ARLB023
>ARLB023 FCC call sign update
>
>District Group A Group B Group C Group D
> Extra Advanced Tech/Gen Novice
>Hawaii ++ AH6NY ++ WH6CSX
^ ^ ^

Due to the mandatory H in Pacific calls we're quite limited in the
number available for each catagory. As you can see, here in the H6th
District we're half way through the Advanced sequence, with two groups
already depleted. Once the Advanced calls are gone only Novice calls
will be left. We might be the first call district to be in this
situation! One wonders what will happen if the Novice calls run out.
^

Jeff NH6IL
^

3491. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 05:04:37 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5KJFp.K5H@news.hawaii.edu>
Source record: 250660

little@iamu.chi.dec.com (Todd Little) writes:

>In article <D5GtDB.14I@news.hawaii.edu>, jeffrey@math.hawaii.edu writes:

>|>gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>|>>Passing a 5 WPM beeping test wouldn't have taught him
>|>>a bit more about propagation than the exam he took.

>|>Your bias against HF is showing again. Passing the 5wpm test
>|>would have enabled him to get on the low bands and learn first
>|>hand about propagation.

>Except that one doesn't need to "get on" the low bands to learn about
>propogation, even first hand. Most people *listen* before they transmit.
>By listening you can often determine what propogation is like and about
>its effect on signals.

One wonders how many 10M openings have come and gone without anyone
even having a clue due to the fact that they were only listening.
I can recall many times listening to the bottom of 10 without
detecting a single signal; yet sending a long CQ brought lots
of bites from other `listeners' (who were probably also lamenting
how `dead' 10 was).

>This can be done without passing a 5 WPM beeping
>test.

If I hadn't passed my 25wpm beeping test I'd still be lamenting
how `dead' 10 is. The act of getting out there and dangling your
CQ bait will tell you infinitely more about propagation than just
listening.

>But in neither case (transmitting or listening) will first hand
>experience teach you much of anything about why or how propogation occurs.

When the band is truely dead then you get out the books and educate
yourself about the hows and whys. But the act of getting on the air
allows you to apply those facts. Facts without applications are
like days without coffee. Useless.

Jeff NH6IL

Vietnamese Proverb: If you study you will become what you wish
If you do not study you will never become anything.

3492. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 05:26:01 UTC
From: Bill Langton <blangton@sierra.net>
Message-ID: <3kb6ha$a9v@jobes.sierra.net>
Source record: 250634

The one time non-refundable fee in California (the last time I checked) is $21.00. It can take several weeks to months depending on the backlog to receive them as the ham plates are not run in the same batch as vanity plates.

--

Bill Langton, KN6ER (blangton@sierra.net)
Lake Tahoe, California
Home Page - http://turnpike.net/metro/blangton/index.html

3493. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 06:58:41 UTC
From: wday@dfw.net
Message-ID: <wday-1703950058410001@fw7.dfw.net>
Source record: 250635

In article <ko4ta.158.02FA979E@mindspring.com>, ko4ta@mindspring.com (Don Simpson) wrote:

> Today W5YI Fred Maia filed a formal petition with the FCC. The petition
> requests the FCC modify part 97 to prohibit one way broadcasting below 30 mHz.
>
> To see the full petition go to the following WWW address.
>
> http://www.mindspring.com/~ko4ta/bestofnet.html
>
> Happy Hamming....

Fred's a good ol' boy, but, ya know.. sometimes he comes up with the oddest of ideas. This is one of 'em that I hope gets put out to pasture real quick.

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

3494. X-1J4 Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 07:00:13 UTC
From: daniel.meredith@phx-az.com
Message-ID: <9503170017051070l@phx-az.com>
Source record: 250636

AVAILABLE
ON THE
ARIZONA NETWORK INTERTIE GROUP PBBS
UNITED STATES F6FBB SUPPORT BBS
+1-602-912-0225

The following files comprise the new release of TheNet,

TheNet X-1J release 4

It comprises the following files

NAME SIZE DESCRIPTION
==========
X1J4TNC2 ZIP 426461 TheNet X-1J4 for the TNC2
HOTNCOLD ZIP 24915 Details for adding temperature sensors to a TNC2
X1JDEV ZIP 107102 Details for adding a deviation meter board to a TNC
X1J4PK96 ZIP 422132 TheNet X-1J4 for the PK96
X1J4-SRC ZIP 252880 The source tree for TheNet X-1J4

TheNet is an Amateur Radio Packet Switch for non commercial application only.
Information By G8KBB, Dave Roberts

DATA BBS: +1-602-912-0225

To Request Files Via E-MAIL:

GETFILE@PHX-AZ.COM
file.name <--------THIS IS YOUR MESSAGE SUBJECT.

EXAMPLE:

GETFILE@PHX-AZ.COM
X1J4TNC2.ZIP <--------THIS IS YOUR MESSAGE SUBJECT.

PHX-AZ.COM Returns The File X1J4TNC2.ZIP In A UUEncoded E-Mail Message.

----- \---------------/ -----
Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1-602-912-5671
P.O. Box 45378 Fax : +1-602-912-0426
Phoenix, Arizona BBS : +1-602-912-0225
85064-5378

List Owner: F6fbb-List@Phx-Az.Com
Arizona Amateur Radio VHF/UHF Digital Coordinator

3495. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 07:04:46 UTC
From: Ray.Linton@bbs.mhv.net
Message-ID: <3kbcae$3jh@over.mhv.net>
Source record: 250637

JimKD0AV (jimkd0av@aol.com) wrote:
: >Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

: You need a converter to pick up the signal on 430 Mhz (assuming ur talking
: about fast scan) and convert it to channel 3 or 4 on ur tv. Check mags
: for ads or you may run across one at a hamfest.

: Jim KD0AV

Keep in mind that some VCRs can be tuned to receive in the ATV band!
The ones that use trimpots to set up each channel can tune continuously
across the band. These are usually older units. Some of the new ones
allow channel preset to be done digitally. You can "preset" on an ATV
channel. You will need someone to transmit a signal to you - otherwise
it is very hard to tell where you are in the band. - Ray N2SPF -

3496. Bulletins

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 07:16:15 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3kbcvv$n54@geraldo.cc.utexas.edu>
Source record: 250638

ko4ta@mindspring.com (Don Simpson) apparently wrote:

> Today W5YI Fred Maia filed a formal petition with the FCC. The
> petition requests the FCC modify part 97 to prohibit one way
> broadcasting below 30 mHz.

That doesn't seem too terrible, not that many people listen to
those frequencies below 30 milliHertz anyway, do they?

Derek "long wire" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

3497. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 07:24:28 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3kbdfc$7hr@hummin.sol.net>
Source record: 250639

Jordan Peugeot (dmunroe@vcd.hp.com) wrote:
: Could someone explain what the appeal is in contesting? I realize that
: people have differing ideas of what is fun, but, if contesting is what
: I think it is, spending an entire weekend making thousands of extremely
: brief contacts not only sounds boring, but also seems to be an incredible
: abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
: have real QSO's and possibly make new friends in the process?

Regarding the "abuse" of the spectrum, couldn't the same thing be said for 50% of the "nets" on 75 and/or 20M? Or half the drivel heard on most 2M repeaters? It all depends on your point of view.

I enjoy the competition, the technology involved in building/operating a competitive station and the friends I have made amongst other contesters. I also think that contesters are, as a group, some of the best operators on the HF bands. For me it is exciting to listen to a really good operator pull calls out of a BIG pile-up at over 250 QSO's per hour! That takes skills very few hams have without a LOT of practice.

: Yet, I'm amazed at how popular contesting seems to be -- or at least that's
: the impression I get from the latest CQ. I'm even more amazed that amateurs
: in other countries have gotten hooked on this.

Contesting has ALWAYS been a popular worldwide activity. Many also do it to add countries to their DXCC totals. many rare countries are only active during contests.

: No, this is not a troll -- I really am trying to understand what the hook
: is that gets people involved in this.

Thank you for asking a very well thought out question instead of the typical bashing that comes from the usual intolerant-of-other-hams'-activities rants and raves that are so often prevalent on the bands.

73,
Gary

--

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
|____|

3498. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 08:15:04 UTC
From: rwilkins@ccnet.com
Message-ID: <3kbge8$28k@ccnet3.ccnet.com>
Source record: 250641

Ken Edwards (cnc23a@b4pph13e.bnr.ca) recently wrote
in <3k9gj7$hji@crchh327.bnr.ca>:

: If your TV can receive cable channels (most new one can switch between
: braodcast and cable), then yes !

: 420.000 - 450.000 Amateur 70 Centimeters

: 420.000 - 426.000 ATV repeater or simplex
: 420.000 - 426.000 Cable TV Channel 57
: 426.000 - 432.000 ATV simplex
: 426.000 - 432.000 Cable TV Channel 58
: 432.000 - 438.000 ATV repeater or simplex
: 432.000 - 438.000 Cable TV Channel 59

: This is not the only 'bandplan', but gives you an idea.

The channel 58 and 59 ATV are the most active. With a cable ready TV set
just connect a uhf beam antenna into the cable jack and tune to 58 or 59.

Most of the old wide band converters do not have the filtering that is
built in to the new cable ready receivers. Without good filtering you
will see the local 440 repeaters, links and packet stations in your picture.

ATV may transmit in the vertical or the horizontal plane. You will have to
try each for best results. That way in most areas you can simply change
antennas and see a different ATV station on the same frequency.

In the san francisco bay area we can watch the Space Shuttle on 58
vertical if we aim toward Mt Diablo. In the central valley the same
shuttle transmissions are 58 horizontal if you aim toward Mt Bullion.

If the ATV station is horizontal you may be able to use your existing uhf
broadcast tv antenna. Try it you may be amazed!

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3499. Need IBM buss info.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 09:06:43 UTC
From: n3glv@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3kbjf3$er6@godot.cc.duq.edu>
Source record: 250642

Hi de Jeff, N3GLV in Pittsburgh.
I have seen an article in one of the Mags, to use an old external modem and
Baycom software, for Packet.
We are probablly all aware that there are a mess of Internal modems around,
and their value (hamfest price around here) is only abt 5-15 bux.
I have an Everex Evercom 1200 internal modem. It will run 4-wire mode and
v.22 (wich is bell-202 I think). The problem with useing one of these is that
the Baycom uses DTR, RTS, and CTS for X-mit data, PTT and RX-data respectivly.
What is needed it to cut traces of the 8250 UART that controll these lines,
and re-connect them to the 'txd' and 'rxd' of the modem. Also pass a line out
to the outside for PTT, from the RTS line of the UART.
Does anyone have a working familiarity with the 8250 series of UARTS?
I do not seem to have a pin-out around here.
2nd project it to re-route the edge-card traces, to a Differant Address.
This would allow tcp/ip software to use multiple internal cards and still
have the standard RS-232 addresses for 'other' things.
Any help on either of these projects would be appreciated.
73 de Jeff
n3glv@codger.physics.duq.edu
n3glv@kc3et.#swpa.pa.usa.noam

3500. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 11:11:01 UTC
From: rickmcm@delphi.com
Message-ID: <9503170605591.The_Win-D.rickmcm@delphi.com>
Source record: 250645

In article <rodellD5Gny6.8tF@netcom.com>, rodell@netcom.com (R.W. Odell) writes: > An exposed 4 dipole array (with downtilt if necessary). This antenna is
> rugged, at DC ground and is unlikely to degrade in a harsh environment.
> I personally prefer Sinclair, but dB products is also a contender.
>
>
> --
> _/_/_/_

3501. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 11:11:14 UTC
From: rickmcm@delphi.com
Message-ID: <9503170605592.The_Win-D.rickmcm@delphi.com>
Source record: 250646

In article <marcbg-1503950854460001@net67.metronet.com>, marcbg@metronet.com (Marc B. Grant) writes: > In article <hideg.1-1303952351130001@hideg.cc.nd.edu>, hideg.1@nd.edu > (Steve Hideg) wrote: > > What about the Super Stationmaster antennas from Phelps-Dodge (now Cellwave)? > >

> > I have one on my 440 repeater in Ann Arbor, MI, and it works great.
>
> Also an excellent antenna, however, in high-lightening areas, they get
> blown apart (I've seen this first hand) and are difficult to repair.
>
> --
> Marc B. Grant
> marcbg@metronet.com
> Amateur Radio N5MEI
> Voice Mail: 214-246-1550
>

I have seen another problem with the Super Stationmaster. They are very long antennas with a colinear elements that are inside of a fiberglass radome. The radome tends to flex tremendously at high wind speeds. I have seen them flex back and forth so much that the colinear elements break or crack where they are soldered together. If you can get the antenna out of the radome, sometimes they are repairable. I have seen this happen only once on a UHF Stationmaster, but I have seen it happen many times on the VHF models. I recommend that if you use the Super Stationmaster, that you support the antenna at the top so that it does not sway in the wind. I am sure that Celwave makes mounting kits to support the top of the antenna.

My choice for repeater antennas is the folded dipole array.

Rick, WB7UGZ

3502. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 11:11:25 UTC
From: rickmcm@delphi.com
Message-ID: <9503170605593.The_Win-D.rickmcm@delphi.com>
Source record: 250647

In article <3k75bk$9ip@detroit.freenet.org>, rburgan@detroit.freenet.org (Roland B. Burgan) writes: >

> StationMaster antennas have been used in Commercial systems for
> years with great durability and performance, but at quite
> high costs. We recently removed one from one of the towers
> we are on, had been there since the late 50's, and still worked.
> It was badly chewed up, though. In fact, we used it one winter
> for 146.88. We replaced it with a Diamond Dual bander, 440/
> 146 with 6 db gain at 146. Thing to watch, is not to go for
> excessive gains, or you'll tend to find poor signal areas in
> lower terrain elevations.
> --
>

I agree. The Diamond antennas with high gain have a very flat radiation pattern. They are so flat that they may overshoot your intended coverage area if they are at any elevation. Use the lower gain Diamond antennas if you must use a ham type antenna. I highly recommend a folded dipole array of commercial quality. Sinclair, D.B. Products, or Telewave make great commercial folded dipole antennas. You will probably save money in the long run over having to replace the ham type antenna after it blows apart from lightning or high winds and ice.

Rick, WB7UGZ

3503. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 11:11:36 UTC
From: rickmcm@delphi.com
Message-ID: <9503170605594.The_Win-D.rickmcm@delphi.com>
Source record: 250648

In article <3k7qp7$c12@eugene.convex.com>, horak@convex.com (David Horak) writes: > In <3k74dp$luv@freenet3.scri.fsu.edu> sjking@freenet3.scri.fsu.edu (Steven J. King) writes: >

> >Tom Randolph (randolph@est.enet.dec.com) wrote:
>
> >> Yup, my wife has the 202, and I get to play with it a lot... This radio never
> >> ceases to amaze me! Hooked up to an outside antenna, it makes a decent
> >> base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery,
> >[snip]
>
> >That's amazing! Especially since the specs say only 6W out with 13.8V in.
>
> *Really* amazing. I talked to a fellow today on the local repeater who
> was using a HTX-202. He had a watt meter hooked up and was getting
> just over 6 watts on 13.8v.
>
>
> David Horak horak@convex.com
> Plano, Texas (not your average plain-O town :-)
>

Now wait a minute. Nobody ever said those Radio Shack wattmeters were real accurate. I'm sure the guy was getting 10 watts out. I heard one guy claim 12 watts output.

Rick, WB7UGZ

3504. Re: Who do i contact for t

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 11:42:35 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795442173.AA00745@hamlink.mn.org>
Source record: 250675

PP>
PP>Who would a person contact regarding the interference problem? The
PP>OO for Wisconsin? A Milwaukee area ARRL representative?
PP>

Perhaps it's obvious, but the first person to contact would be the station, if it can be identified, that is suspected of causing the interference.

I would also get your local club RFI committee involved. Also the ARRL Technical Assistant for the area. (Your Section Manager, listed on page 8 of QST, would know who that is.)

73, de Hans, K0HB

3505. Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 12:42:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8238.545@acenet.com>
Source record: 250652

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Good grief! Imagne if that happened when you shopped at Sears
or Penneys! The public would be up in arms about it.
Complaints would be filed.
Hams on the other hand have toput up with dealers saying we are
"stingy" because we will buy mail order to save $100 on a new rig,
and then when you DO buy from them they treat you like this?!
Unbelievable policy. I would let everyone know who this dealer is.

I wish you would post the name. I will never buy from them.
I wish people would post the names of any and all amateur radio
dealers that do this kind of thing. I will take them OFF of
my published list of recommended dealers immediately too.

JI>I recently bought an all-mode 144/440 radio from a local dealer. After a
JI>short period, I decided that it was more than I needed and returned it.
JI>The rig was a demo but the dealer hit me with a 15% restocking fee and
JI>said I should be happy that it wasn't their normal 25%. Their policy was
JI>posted near the cash register but I guess I missed it.

JI>I could understand a restocking fee on brand new, out of the box,
JI>equipment, but I thought 15% was a little excessive on a demo.

JI>I would be interested in anyone's experience on restocking fees. Either
JI>reply here or direct to JimKD0AV@aol.com (I will supply a summary of
JI>responses to those interested).

JI>thanks and "buyer beware"

JI>Jim KD0AV
JI>sadder but wiser.

 SLMR 2.1a My family thinks I am WORKING on this computer! He he!

3506. FCC Reprimands K1MAN ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 12:42:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8239.545@acenet.com>
Source record: 250653

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

RR>The following was printed in the March 1, 1995 issue of the W5YI Report
RR>and is a very interesting responce to K1MAN on the ongoing interference
RR>complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.

This has to be either bogus or...
1) Greenspan needs a new secretary because he can't spell, and
failed to learn English grammar, or...

2) W5YI needs a new secretary because he can't transcribe well!

Refreshing? This doesn't sound like anything any intelligent FCC
official would write at all. Don Simpson seems to be the one claiming
that he owns the frequency. I think they are both skating on thin
ice with the FCC.

RR>Dear Mr Baxter :

RR> A matter was brought to my attention several days ago that I need to
RR>discuss with you. We have been informed by certain amateur radio
RR>operators
RR>that you claim to have an ex-clusive right to use a certain frequency
RR>and
RR>that you are telling other amateur radio operators that if anyone uses it.

RR>I will revoke their license. Since the first person who complainded to
RR>us
RR>would not have any reason to know my name it appears the allegation
RR>might
RR>be true. We are investigating

RR> I have suggested to the Field Operations Bureau and the Wireless
RR>Telecommunications Bureau that if you have, in fact, in the alleged
RR>conduct, they should consider holding a hearing to determine your
RR>fitness
RR>to remain an FCC licensee. I am making no representations as to whether
RR>or not such a hearing would be held or what the and what the result of
RR>it
RR>might be. However, if you are using my name or the name of any other FCC
RR>employees to threaten other amateur radio operators with sanctions, you
RR>should cease doing so immediately. You have been a licensee long enough
RR>to
RR>know the proper complaint channels.

RR> I have also received a copy of a letter you sent to an Assistant
RR>United States Attorney in Maine. For your infor-mation I did not write
RR>the
RR>letter Ms Malone sent to you, but I do concur with it. Your reply
RR>suggests
RR>to me that you may very well lack the character qualifications to be a
RR>FCC
RR>licensee. You certainly lack the maturity but that is, unfortunately,
RR>not
RR>grounds for revocation. While we do encourage people to bring violations
RR>to our attention, there is a fine line between being a good citizen and
RR>making improper threats. At the very least, you appear to be close to
RR>that
RR>line.

RR> If it is ultimately determined that you have made improper threats,
RR>that determination could result in a hearing to examine youe fitness to
RR>remain an FCC licensee and/or criminal prosecution. I make no
RR>representation as to what the outcome of any proceeding might be since I
RR>am not the one who will make that decision. However you should take Ms
RR>Malone's and this letter very seriously.

RR> Although you have not used lawyers in the past, I suggest that you
RR>consult with an attorney knowledgable in FCC procedures about your
RR>alleged
RR>conduct. I also urge you to consulty with an attorney concerning MS
RR>Malone's letter. To provide you with some incentive to do this, let me
RR>say
RR>that if you wish to communicate with me for any reason, it must be done
RR>through an attorney. I will not accept any letters or telephone calls
RR>from
RR>you personally. Besides for making for more orderly procedures here,
RR>using
RR>an attorney would clearly be in your best interests. I would also
RR>strongly
RR>suggest that you not send letters to anyone similar to the letter you
RR>sent
RR>to Ms Malone. As I previously indicated to you, such letters suggest to
RR>anyone who reads them that you may indeed lack the qualifications to
RR>hold
RR>an FCC license.

RR>signed --- John P. Greenspan, Counsel

RR> CC --- Gail Fisk Malone, Esq

 SLMR 2.1a My family thinks I am WORKING on this computer! He he!

3507. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 13:08:39 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3kc1kn$4ua@acme.freenet.columbus.oh.us>
Source record: 250649

Ray Linton (Ray.Linton@bbs.mhv.net) wrote:
: JimKD0AV (jimkd0av@aol.com) wrote:
: : >Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

I think tv's and vcr's that are "cable ready" can be set for
cable reception and that some of the cable channels will cover
the part of 420-450MHz that ATV'ers use. GL and 73 Gerry K8EF

3508. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 13:37:19 UTC
From: tspeairs@intnet.net
Message-ID: <tspeairs-1703950837190001@192.0.2.1>
Source record: 250650

In article <3k7bdp$hm3@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) wrote:

> Bruce Miller (brucem@eskimo.com) wrote:
> : Anybody have any thing to report about the Radio Shack
> : 2m handhelds? Good, bad, indifferent, etc? I'm
> : contemplating a low-end (not much $$) purchase.
>

One BIG feature, IMHO, is the $40 extended warranty on the RS handies. You have to have experienced the pain ($$$) and aggravation (shipping, etc.) of sending a japanese radio to the left coast to appreciate the "just drop it off at any RS, anytime" service.

Check it out!

73 de WF3E

3509. Need FT-736R CAT program!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 14:31:09 UTC
From: tony@gcr1.com
Message-ID: <3kc68k$18p1@tetsuo.communique.net>
Source record: 250651

Need FT-736R CAT program for IBM PC compatable ...
Anyone know an FTP site or land line BBS where i can find
a basic program that can control the FT-726R ?
H E L P !

Tnx, 73
N5GPI

3510. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 14:57:36 UTC
From: csle87@email.mot.com
Message-ID: <csle87-170395095736@145.39.1.10>
Source record: 250544

In article <3k4egf$i3s@news.ualr.edu>, gdm@fermi.ualr.edu (Doug Mauldin) wrote:

> As evidence of the decline in awareness of ham radio by non-hams, I offer
> the following account of an incident that occurred yesterday evening:
>
> My son, who passed his Tech exam on February 25 and received his ticket
> in the mail yesterday, decided to take it and his new handie-talkie
> to his Boy Scout troop meeting to show them off. The Scouts have
> historically been involved in amateur radio, right? Well, guess again.
> The scoutmasters confiscated his HT until after the meeting and told him
> not to bring it back.
>
> I realized that some education was needed and I started immediately
> with the head scoutmaster. She said that they didn't object to
> ham radio per se, but they just didn't know what it was. (Said they
> thought it was a "regular" radio. I'm skeptical about that excuse.)
> It looks like someone is going to have to step in and let this new
> generation of scouts and scoutmasters know what ham radio is and isn't,
> and that "someone" is us.
>
> 73,
> Doug K5DH
>
> --
> ==
> Doug Mauldin University of Arkansas at Little Rock
> gdmauldin@ualr.edu Department of Applied Science
>
> Not a spokesman. (They didn't ask me to say that, but it seems fashionable.)
> ==

You might also suggest to the adult leaders that they review the Radio merit badge booklet itself. If the scout holds an amateur license, it preempts most of the requirements for that merit badge, so with just a few minor steps your son can put that one on his sash.

--

Karl Beckman, P.E. < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
If you agree with the opinions expressed, they're mine. If not, who cares?

3511. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 15:13:49 UTC
From: greg@netcom.com
Message-ID: <gregD5LBn1.Aw0@netcom.com>
Source record: 250656

In article <3k9hma$5th@newsbf02.news.aol.com> jimkd0av@aol.com (JimKD0AV) writes:
>I recently bought an all-mode 144/440 radio from a local dealer. After a
>short period, I decided that it was more than I needed and returned it.
>The rig was a demo but the dealer hit me with a 15% restocking fee and
>said I should be happy that it wasn't their normal 25%. Their policy was
>posted near the cash register but I guess I missed it.
>
>I could understand a restocking fee on brand new, out of the box,
>equipment, but I thought 15% was a little excessive on a demo.
>
>I would be interested in anyone's experience on restocking fees. Either
>reply here or direct to JimKD0AV@aol.com (I will supply a summary of
>responses to those interested).
>
>thanks and "buyer beware"

I don't think 'caveat emptor' is necessarily appropriate here. After all, you made your purchase, and made the deal. Through no fault of the dealer, you decided that the equipment was surplus to your needs. It wasn't defective. It wasn't wrong. You just didn't like it. Very likely, all the information you needed to make that decision was available, pre-purchase, in the literature and perhaps on the demo-table.

This, after using the equipment for an unspecified period.

You then returned to the dealer, offering him for sale a slightly used rig, for which he offered a price slightly lower than that for which he'd be able to sell it (he could mark the same price you'd paid, but then he wouldn't be fair to the fellow who got it next).

IMHO, he was more than fair and accomodating. He could have said 'sorry, OM, but we're not currently looking for used gear, but you can put an ad on our bulletin board for a month.'

Or, if you didn't like the deal he offered, you could have decided to sell it privately.

There's no reason that he should give up any of the proceeds of the sale, plus incur the overhead costs of having both done and un-done the deal. It's only fair that the cost of your changing your mind should be yours and yours alone.

Also consider that the dealer probably needs to build in a considerable penalty just to discourage this very sort of thing, which gets kind of expensive for him.

The point is.... ....buyer's remorse, if the buyer hasn't been misled or over-sold, is really the buyer's problem. Somehow we've come to expect ham equipment dealers to go to more extraordinary measures than other merchants, possibly because of the fraternal nature of the hobby. In doing so, though, are we really being fair to the 'brethren' among us who make it their life's work to keep us in toys? Yes, some make a good living at it, but most of them could probably do better selling consumer electronics.

Greg

3512. 154.xxx MHz Frequencies - who uses them?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 16:02:29 UTC
From: esuvy@csv.warwick.ac.uk
Message-ID: <3kcbql$bet@holly.csv.warwick.ac.uk>
Source record: 250657
Cross-posted to: alt.radio.digital,alt.radio.uk,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,uk.radio.amateur

Who uses the 154.xxx MHz frequencies?

Cheers,

Peter.
--
Peter Bishop
[esuvy@csv.warwick.ac.uk]

3513. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 16:51:48 UTC
From: chris@bris.ac.uk
Message-ID: <D5LG6D.628@info.bris.ac.uk>
Source record: 250658

Jeffrey Wittich (jwittich@b4pph107.bnr.ca) wrote:
> In article <D5IDAo.Hp8@vcd.hp.com>, dmunroe@vcd.hp.com (Jordan Peugeot) writes:
> |> Could someone explain what the appeal is in contesting? I realize that
> |> people have differing ideas of what is fun, but, if contesting is what
> |> I think it is, spending an entire weekend making thousands of extremely
> |> brief contacts not only sounds boring, but also seems to be an incredible
> |> abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
> |> have real QSO's and possibly make new friends in the process?
> |>
> |> -Dave

I must say that more often than not if I tune around 14MHz at a weekend there is nothing else but people shouting "contest", usually with no regard for other operators such as SSTV on 14230. It makes the band unusable for anything else too often. Why not have a contest free zone on each band where other interests can be indulged?

Chris
73

3514. Re: HAMS AND MOUNTAINS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 17:08:30 UTC
From: zlau@arrl.org
Message-ID: <1995Mar17.170830.2096@arrl.org>
Source record: 250665

moritz@ipers1.e-technik.uni-stuttgart.de wrote:
Wolfgang wrote:
: >But what caught my attention was the use of solar power to recharge
: >the batteries for the HHT.

: I have used a solar panel, to charge the batery in a fixed station away
: from mains, but not for mountain climbing. Quite frankly, it has it's
: limits. Take a 50 W panel, which is not exactly small, and have
: it sitting in the sun. On average it will harvest 5 to 10 watthours
: per day, which is about 400 to 800 mAhours at 12V. Now this is
: quite optimistic, sincesome losses during charging will occur.

: (of cause, for no clouds and if you keep tracking, performance will
: be a lot better, the above is for a fixed panel and average weather)

In some areas the weather is much better, so that you can count
on more than 6 to 12 minutes of bright sunshine a day. I recall
a typical figure of 4 hours, which would improve the situation by
a factor of 20 to 40.

If you are really into minimizing weight, I'd forget about using
any sort of electronic charge regulator. Instead, learn enough
about your equipment so that you can regulate the charge *manually*

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3515. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 17:10:32 UTC
From: hamilton@BIX.com
Message-ID: <hamilton.795460232@BIX.com>
Source record: 250661

SYJERRY@duq3.cc.duq.edu (Sy Jerry) writes:

>JimKD0AV (jimkd0av@aol.com) wrote:
>: I recently bought an all-mode 144/440 radio from a local dealer. After a
>: short period, I decided that it was more than I needed and returned it.
>: The rig was a demo but the dealer hit me with a 15% restocking fee and
>: said I should be happy that it wasn't their normal 25%. Their policy was
>: posted near the cash register but I guess I missed it.

>: I could understand a restocking fee on brand new, out of the box,
>: equipment, but I thought 15% was a little excessive on a demo.

>: I would be interested in anyone's experience on restocking fees. Either
>: reply here or direct to JimKD0AV@aol.com (I will supply a summary of
>: responses to those interested).

>: thanks and "buyer beware"

>: Jim KD0AV
>: sadder but wiser.

>in spite of all the bad thing people yak about radio shack, their
>no nonsense no questions asked return policy cannot be beat.
>All the ham radio stores I have dealt with either have the restocking
>fee nonsense, or the store credit only nonsense.

>jerry AA3KN

The claim that the retailer had his terms posted near the register
does not hold up in court. He has to show a "meeting of the minds"
that you were aware of and accepted his terms. He undoubtedly knows
that, he's just trying to bully.

What does matter is what the dealer said to you at or preceding the time
of the sale. Think back to see if you can recall if he said anything to
the effect that if you didn't find it satisfactory, that you could return
the item. Do you remember any signs or literature or ads from the
store touting satisfaction guaranteed? If there were any representations
made to you in this form, his failure to explicitly call your attention
to any exceptions or restocking fees is his problem.

Also, it might be important to know what you mean by a "short period".
Are we talking a hours, days, weeks or what? In some areas, there are
statutory "cooling off" periods during which some kinds of consumer
transactions can be rescinded. Usually, they're restricted, e.g., only
to door-to-door sales, used car sales, etc., where the legislatures
are most concerned about fraud, but you'd have to check what the law

says in you area to know because there is some wide variation. It's possible that no matter _what_ he says, he can't legally charge a restocking fee on your return.

But also, it might be argued that his restocking fee is unreasonable. Obviously, there's some variation depending on the type of retail business, but it's not unusual in many retail operations (e.g., software, which I do know something about) for the retailer to be operating on a margin of only 10 or 12 percent. If they were to charge restocking fees of 20 percent or more on returns, they'd be making more money on returns than on satisfied customers! That'd make no sense at all and might be challenged in court.

OTOH, there's a difference between having a good case to take to court and being real interested in pursuing that avenue. Let's face it: it's a nuisance, even to fool with small claims, where you represent yourself and pay only token filing fees.

So another alternative, if you paid by credit card (you did, I hope!) is to contact the credit card issuer and contest the charges and terms of the return. Let me promise you: that _will_ get the retailer's attention since no retailer wants VISA threatening to yank his authorization to accept credit cards. (BTW, this is the reason why, if I have a choice these days, I NEVER buy anything with cash or check unless I absolutely have to or unless I have absolutely total confidence in the party I'm doing business with. It has nothing to do with wanting the "grace period" or whatever; it has everything to do with having additional leverage should there be a dispute.)

Regards,
Doug Hamilton KD1UJ hamilton@bix.com Ph 508-440-8307 FAX 508-440-8308
Hamilton Laboratories, 21 Shadow Oak Drive, Sudbury, MA 01776-3165, USA

3516. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 17:17:30 UTC
From: slay@netcom.com
Message-ID: <slayD5LHD6.Huz@netcom.com>
Source record: 250663

Clark Savage Turner (turner@safety.ics.uci.edu) wrote:

: > 5. What is your opinion on the risk factor for break-ins and/or
: > vandalism that call plates add?

: I have never noticed a risk factor from callsign plates. Never noticed
: anyone else worrying about it either. I don't think it is a problem.

Well..... just another further point here. My car was stolen ....
not because of the plates to be sure ... BUT .... the CA DMV told me
that my callsign plates would not be re-issued for 5 years as a result...
obviously because the police wouldn't be able to tell immediately if
my new car is stolen ... the license plates stolen... etc.

So .... the solution is either to get a new call ;-) or move out
of state and get the same call on new plates - which is what I've done.
:-)

73 de Sandy WA6BXH
Portland, OR
slay@netcom.com

3517. Re: Why HAM NAME need asap tnx

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 17:20:20 UTC
From: slay@netcom.com
Message-ID: <slayD5LHHx.I81@netcom.com>
Source record: 250664

J. T. Mitchell (Mitch) (mitch@tnc.com) wrote:
: I am looking for an answer to why the name "HAM" is used for amateur radio ..

This is a widely debated subject ..... the bottom line is there is NO
definitive answer ..... just lots and lots and lots of speculation.

Cheers
Sandy WA6BXH
slay@netcom.com

3518. Deleware and RI Schedule (was Re: The Triple H Net...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 17:34:59 UTC
From: ehare@arrl.org
Message-ID: <1995Mar17.173459.2738@arrl.org>
Source record: 250666

Daniel Dillon (ddillon@csulb.edu) wrote:

: I am a newcomer to the net, and check in every once and a while.
: Nice group of people, and they operate at night when I like to operate.
: I have been trying to work DE and RI for the longest time, so when I
: heard of a WAS type net, I had to give it w whirl.

: Still looking for the elusive Deleware and Rhode Island

Well, Dan, I may be able to help. On Friday, 3/24, I am driving to the ARRL MD State Convention. I plan to operate CW mobile all the way there and back, primarily on the CW County Hunters Net, 14.056 MHz. I estimate I will be running through Deleware sometime Friday afternoon. If you miss that run, I am going to go through Deleware on the ride back, probably late Sunday afternoon. On that trip, I may try to hit all 3 Deleware counties, so I will spend a bit more time there. As I recall, the propagation is only fair to 6 land early in the afternoon, but gets much better later on.

On 4/28 I am driving to RI, do give a club talk for my dear friend Michael and Tony in RI. The last time I went, they made me liaison on 2-meter FM (I messed it up by trying them on the wrong repeater!), so this time I will get my revenge by having them liaison on 20-meter CW. I expect I will be in RI late afternoon, same frequency, 14.056, on the CW CHN.

The CHN usually tools along at 15-20 wpm, but I will gladly slow down if you prefer. I don't think we could do it "simplex" on SSB; my antenna is tuned for CW and the SWR and normal losses would give me an effective radiated power of only a few watts.

If you have to work on Fridays, the Sunday afternoon trip back will probably be better. If you email your phone number, I can give a call just as I take off from the Convention. I suggest that because I sometimes get asked to visit shacks, etc., by the Convention sponsors and I usually like to be gracious. If necessary and you have good ears, we could probably squeak by on 40 meters. My antenna is cut for 7.035.

If you miss all that, and RI is your last state, you can probably talk me into running over there; it is about an hour and a half from home and I am always looking for a chance to be a hero :-). I won't do that for Deleware, though; I don't want to be *that* much of a hero. :-)

One last suggestion; the SSB CHN meets on 14.336. I have heard LOTS of "rare" states show up as people drive to various counties. The mobiles always QSL!

73, Ed
--

Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

3519. Re: UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 17:41:38 UTC
From: wmeahan@ef0424.efhd.ford.com
Message-ID: <3kchkk$q0m@ef2007.efhd.ford.com>
Source record: 250672
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

dbushong@wang.com (Dave Bushong) wrote:
>
>In this month's Wordradio, page 15, there is an article about a
>UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
>FT-470.
>

Looks like April 1st has come a bit early this year :-)

73 de wa8tzg!

--
Bill Meahan, Senior Developer | wmeahan@ef0424.efhd.ford.com
Electrical & Fuel Handling Division, Ford Motor Company
Opions expressed herein are those of the author and in no way represent
any official statement or opinion of Ford Motor Company

3520. Re: CQ Highlights 4/95 issue

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 18:22:23 UTC
From: nw2l@aol.com
Message-ID: <3kck0v$pv4@newsbf02.news.aol.com>
Source record: 250667

>>Oh, no, the antenna experts are at it again.<<

Roy -- This is what happens when you take an excerpt of an excerpt and try to make a point with it. Of course, no one is suggesting that you can put 100 watts into an antenna and get 200 watts out! But it is a well-established fact that using an antenna exhibiting a 3 db gain over a dipole will effectively double your power -- that's why they call it Effective Radiated Power, or ERP. If you feed 100 watts into a 100% efficient antenna with 3 db gain over a dipole, then you have the EFFECT of feeding 200 watts into an equally efficient dipole. This is what antenna gain is all about. And if you feed 100 watts from your transmitter to that 3 db gain antenna, but burn up 50% of it as heat, you will still get the EFFECT of 100 watts into a dipole. And the whole point of the article was to discuss efficiency, not gain. Perhaps you would do better to read the entire article before asking people whether they're embarrassed to publish something.

73,
Rich Moseson, NW2L
CQ Online

3521. Re: Why HAM NAME need asap tnx

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 18:27:38 UTC
From: nw2l@aol.com
Message-ID: <3kckaq$q1k@newsbf02.news.aol.com>
Source record: 250668

Sorry, Mitch, but you won't find an answer that's supportable in fact. There are a variety of competing claims, from the extremely plausible to the ridiculous. Unfortunately, no one (so far) has been able to produce proof of any of them. Regardless, "ham" (not HAM, since it's not an acronym or an abbreviation) is a title that most amateur radio operators wear with pride.

Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos. Toll-free order line: 1-800-853-9797.

3522. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 18:49:50 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1703951349500001@m14494-mac.mitre.org>
Source record: 250673
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Jerry Kreifelswrote:
>
> : I'd also be interested in hearing comments from anyone who has [operated
> motorcycle mobile].

I've done this a lot, and my advice is: don't. All the radio stuff is a big distraction. It's hard enough to ride safely in traffic without the added distraction of schmoozing on the radio. Also, you get important safety cues aurally, like horns, squealing tires, etc. You might not be able to hear them with 2 meters blasting in your ear. I carry my HT in my saddle bag, safely out of reach. When you ride, ride. When you want to ham, stop, get a soda, take a break, and chat with your friends on the wireless. My experience is, you don't want to mix the two. Best of luck, and ride safely.

Mike, N4PDY
Yamaha Virago 750

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3523. GB2RS News 19th March 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 19:03:15 UTC
From: dave@llondel.demon.co.uk
Message-ID: <795492195snx@llondel.demon.co.uk>
Source record: 250669
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 19th of March and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

King's College London is holding a 'Radio And Communication Day' on Friday the 24th of March, which will be open to the general public. There will be an exhibition, a series of presentations on the development of radio and the unveiling of a plaque commemorating the work of Sir Edward Appleton. There will be an RSGB stand at the exhibition, with representatives available to answer questions about amateur radio and the Novice licence. The 'Radio Day' will be held at King's College Strand campus, located next to Somerset House and close to Waterloo Bridge. The closest underground station is Temple. For further information call Anne Robinson on 0171 873 2696.

This year is the 100th anniversary of Marconi's first successful experimental transmissions and there will be a number of special event stations and exhibitions on International Marconi Day on the 22nd of April and during the course of the year. At RSGB headquarters in Potters Bar there will be a Marconi exhibition and a special event station, GB100IMD {that is "GB one hundred IMD"}, at the RSGB's annual Open Day which this year is also on Saturday the 22nd of April. Would anyone celebrating the 100th anniversary of Marconi's work please let us know at RSGB headquarters so we can give your special event station or exhibition a mention on GB2RS.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

A major expedition to Conway Reef is planned for Friday the 24th of March until Monday the 3rd of April. Callsigns will be 3D2CT on SSB and 3D2CU on CW and RTTY. The group plans to run three stations simultaneously, round the clock, and particular attention will be given to working European stations. Check the usual DX frequencies. The operators are SM7PKK, SM6CAS, OH1RY, NI6T and JH4RHF.

From Europa Island, FR5HG will sign FR5HG/E from now until the end of April on CW, RTTY and SSB. His QSL Manager is F6FNU.

From the Netherlands, PA56W is a special event station which will be on the air until Thursday the 23rd of March in order to commemorate the return of the Queen of the Netherlands in 1945, after the war.

And from Anguilla, AA4NC will sign VP2EN as from Wednesday the 22nd until Wednesday the 29th of March on all bands, including participation

in the CQ WPX SSB contest next weekend. Outside the contest he'll be active on RTTY. His QSL information is via his home call, that's AA4NC.

Next the Rally News:

Today, Sunday the 19th of March, the Norbreck Amateur Radio Electronic and Computing Exhibition is taking place at the Norbreck Castle Exhibition Centre, Blackpool. There are over 100 trade stands, a bring and buy stall, an RSGB information stand and bookstall, and RSGB President Clive Trotman, GW4YKL, will be in attendance. Talk-in will be on 2-metres, channel S22.

Also today, the Tiverton Mid-Devon Rally is taking place at Pannier Market, Tiverton. The rally features trade stands, a bring and buy stall and refreshments in two halls. The doors open at 10.00 am. Talk-in is on 2-metres channel S22.

Next Sunday, the 26th of March, the Bournemouth Radio Society annual sale will take place at Kinson Community Centre, Pelhams Park, Millhams Road, Kinson, Bournemouth. The event will feature amateur radio and computer traders, clubs and specialist groups. Doors open at 10.30am and there will be talk-in on 2-metres channel S22. Details from Malcolm, G0UCX, on 01202 747745.

Also next Sunday, the Magnum Radio and Computer Rally will take place at the Magnum Leisure Centre, Irvine. The event will feature the usual traders, special interest groups, a bring and buy stand, and Morse tests on demand. Take two passport-size photographs and identification if you wish to take your Morse test at the rally. Doors will open at 11.00am or 10.30 am for disabled visitors, and further details may be obtained from Bob, GM0DEQ, on 01563 574660.

Also on Sunday the 26th, the Pontefract and District Amateur Radio Society rally will take place at the Carleton Community Centre, Carleton, near Pontefract. This event will feature trade stands, a bring and buy stand and a bookstall. RSGB Morse tests will be available on demand, but don't forget to take two passport-size photographs along if you wish to take your test at the rally. Doors open at 11.00am or 10.30 am for disabled visitors. For details contact Colin, G0NQE, on 01977 677006.

Now for the HF contest news:

This weekend, the Bermuda Contest is taking place, and next weekend - the 25th and 26th of March - is the CQ WPX SSB contest.

As usual, HF National Field Day this year will be held over the first weekend in June, the 3rd and 4th. There is a small change to the rules this year - a second receiver will be allowed in both the Open and Restricted sections. That is, you will be allowed to use one transmitter and one receiver (or one transceiver) plus an additional receiver. Note that a transceiver with a built-in second receiver, such as the FT-1000, counts as two receivers. Groups wishing to compete must send details of

the site to be used to: David Hill, G4IQM, 14 The Garrones, Worth, Crawley, West Sussex, RH10 7YT, to arrive no later than the 6th of May. The full rules are published in the April RadCom, which is due to be posted to all members this week.

Next some VHF contest news:

Next week, Sunday the 26th of March, another 70 MHz contest will take place - it is the 70 MHz Fixed station and SWL contest, and the rules for this contest can be found in the February RadCom.

Also on Sunday the 26th will be the final Winter Microwave Cumulative contest on all bands from 2.3 GHz and up between 0900 and 2100 UTC. Although this contest does not appear in the VHF Contest Calendar in this month's RadCom, the full rules were published in the November edition.

The Stoke on Trent VHF repeater, GB3VT, on channel R5, became operational on the 7th of March from its new location.

The Wrotham {pronounced "Rootam"} UHF repeater, GB3NK, on channel RB4, returned to service on the 11th of March after being off the air for several months. This protracted period of downtime was due to difficulties in obtaining rigging services at non-commercial rates to replace a defective antenna.

The Daventry UHF repeater, GB3XX, on channel RB13, which has been off the air since the end of February, returned to service on the 14th of March.

The Chelmsford UHF repeater, GB3ER, on channel RB3 was shut down temporarily for maintenance on the 12th of March and it is expected to be off the air for about one week more.

And now news of a special event station:

GB0SET will be operational on the HF bands on Thursday and Friday, the 23rd and 24th of March, from the North East Wales Institute, Wrexham, to commemorate Science, Education and Technology week. It is hoped that British astronaut Helen Sharman will be visiting the station. For further information, contact Ian, GW1MVL on 01978 845858, or via Packet: GW1MVL at GB7WXM.

And now the solar factual data:

The period from 6th to the 12th of March saw solar flux levels decline. Geomagnetic activity increased from quiet levels to active conditions. We are sorry to report that due to a problem with the American auto re-route computer, some data is not available, and this is also effecting the daily solar bulletins put out onto the packet network by G0CAS. Solar flux levels declined from 84 units on the 6th to 76 units by the 12th. The average for the period was 80 units. Solar activity was very low, but on the 6th a C3.5/1N solar flare took place. Associated with this event was a type 2 and type 4 sweep with an estimated shock

velocity of 600km per second.

The 90 day solar flux average on the 12th was 84 units, which is down one unit from last week. Geomagnetic activity started the period at very low levels and was down to only Ap 2 units on the 8th. Levels increased to unsettled over the period from the 9th to the 11th, then increased again to active levels with an Ap index of 27 on the 12th. The average for the period was Ap 12 units.

The aa indices, as supplied by the British Geological Survey for the period from the 28th of February to the 6th of March, started at major storm levels with the daily figure for the 28th at 61.9 nanoTeslas. During the mid-evening period 136 nanoTeslas, K6, was recorded. Activity declined to quiet levels by the 3rd when the daily figure was only 10.0 nanoTeslas. Active conditions returned on the 4th and the 5th with 39.0 and 29.5 nanoTeslas being recorded respectively. The 6th was the quietest day with only 8.4 nanoTeslas, the average for the period was 34.5 nanoTeslas, about K3.

I'll repeat the figures: flux - 80; Ap index - 12.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 3rd to the 9th of March, averaged 6.8MHz. Levels were at their best on the 4th at 8.1MHz but collapsed to only 5.1MHz the following day, a slight recovery was made when levels increased to 7.1MHz by the 9th. The darkness hour lows averaged 2.6MHz. The daytime highs are taking place anywhere between 11.00 and 17.00 hours. The darkness hour lows mostly around 05.00 to 06.00 hours, but as early as 22.00 hours as on the 6th.

I'll repeat the figures: highs - 6.8MHz; lows - 2.6MHz.

And lastly the solar forecast.

This week the quiet side of the sun will be rotating into view, solar activity is expected to be very low. Solar flux levels are expected to be in to the low 80s. Geomagnetic activity is expected to be very quiet for most of the week. An Ap index of only one was recorded on the last solar rotation. Conditions may increase up to unsettled levels next weekend. Ionospheric MUFs for the south are expected to increase up to about 28MHz by midweek and 25MHz for the north, but may decline next weekend due to the expected higher levels of geomagnetic activity. The darkness hour lows are expected to be about 10MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Uniform and G7 Uniform Papa series, and Novice calls in the 2 0 Alfa Kilo and 2 1 Delta Victor series.

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GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

3524. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 19:11:40 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_795467320@rtfm.mit.edu>
Source record: 250670
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet mailing list counterparts and complements. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October 1994 to add the discussion of non-Usenet mailing lists and streamline most of the history discussion, and to change the moderator information for rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became progressively higher. First one by one, and then as part of two reorganizations, what was once one group became many. In the process, developments elsewhere on the net were reflected in the groups as they were created, most notably the change to place all of the ham radio groups in one hierarchy.

The collection of newsgroups continues to grow as more people join the net, and as more topics of discussion gain volume, I expect to see more groups be created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the notable exception being rec.radio.swap. There are also a few mailing lists that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them, and not to the groups that aren't. The whole idea of having different

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

3525. April Meteor Scatter Data

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 19:18:24 UTC
From: YPAK35A@prodigy.com
Message-ID: <3kcna0$g04@usenetw1.news.prodigy.com>
Source record: 250671

4/1/95 zhr 10 paths ne/sw, nw/se run on 6 (good) and 2 (faor)

4/6/95 zhr 10 paths ne/sw,nw/se run 6 (good) and 2 (fair)

4/7/95 zhr 8 paths ne/sw, nw/se run 6 (fair) and 2 (fair)

4/19/95 zhr 10 paths Ne/sw, Nw/se run 6 (good) and 2 (fair)

4/22/95 zhr 10 paths N/S, Ne/sw, Nw/se run 6 (good) and 2 (fair
)

4/23/95 zhr 18 paths Ne/sw, Nw/se run 6 (good) and 2 (good)

Ok gang there should be some dx worked in April ! I am looking for skeds on 6 and 2 this month. E-mail your sked request with your land line number and GRID SQUARE. I do answear all sked request. E-mail any questions about ms to me. 73, Larry, WB5KYK EM51 JQ, Laurel, Ms.

3526. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 19:51:24 UTC
From: ron@fc.hp.com
Message-ID: <3kcp7s$7gb@tadpole.fc.hp.com>
Source record: 250674

Dana Rodakis (dgra@qmgate.ECi-esyst.COM) wrote:
: The reason most newcomers don't know anything is that you don't have
: to know anything to get a license. You just have to memorize the
: answers. IMHO, making the question pools available is a cheat. Back
: when I got my license in 1978, you had to go to the FCC field office
: and face the man with the white shirt and black tie proclaiming "So,
: you want to be a ham radio operator, I don't think so!" You had to
: LEARN it to pass the test. 73, Dana, AJ1R.

This is most assuredly not true.

When I passed my Advanced in 1972 (at age 14) I did it by memorizing
the answers to the test guides along with a little bit of knowlege.

I didn't know very much then.

Still don't sometimes.

Ron Miller
NW0U (formerly WB4UWH)

3527. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 20:16:19 UTC
From: stevew@netcom.com
Message-ID: <stevewD5Lpn7.HJ9@netcom.com>
Source record: 250548

Jordan Peugeot (dmunroe@vcd.hp.com) wrote:
: Could someone explain what the appeal is in contesting? I realize that
: people have differing ideas of what is fun, but, if contesting is what
: I think it is, spending an entire weekend making thousands of extremely
: brief contacts not only sounds boring, but also seems to be an incredible
: abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
: have real QSO's and possibly make new friends in the process?

Why do people run marathons? You answer that question and you'll be
on the road to understanding contesting(or any other long duration "sport")
that people take part in.

: Yet, I'm amazed at how popular contesting seems to be -- or at least that's
: the impression I get from the latest CQ. I'm even more amazed that amateurs
: in other countries have gotten hooked on this.

: No, this is not a troll -- I really am trying to understand what the hook
: is that gets people involved in this.

: -Dave

My own enjoyment comes from trying to see how efficient I can be during the
contest. It's the same kick I get operating at the bottom of a pileup
when I've been a DX station(same skill set..) It also happens to be
great practice for emergency services stuff. The best contesters make
the best net control stations(so there is a direct tie-in to the basis
and purpose in part 97!) If I operate CW, it goes along way to honing
my CW skills, i.e. getting my speed up.

So, all-in-all, there is a lot of practice available that is useful in
other aspects of amateur radio, and it happens to be fun.

Let's say you happen to be on the technical side of things. DX contests
might be appealing as a way to measure how well you latest technical
tweak works. Again, this fits right in with another aspect of the
basis and purpose, i.e. improving your technical ability.

Lastly, you mention that this might be a huge waste of spectrum..well,
as they say, beauty is in the eye of the beholder.

Steve KA6S

3528. Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 20:25:59 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <3kcr8n$ler@nyx10.cs.du.edu>
Source record: 250676

After reading this newsgroup for a while, I feel I should make a couple of comments. It seems as though there are an inordinate number of people out there who feel that the No-Code Tech is a Know-Nothing Ham. The recent thread concerning correcting another Ham's misunderstanding of propogation is a perfect example. I find it to be a shame that people must measure how far they've come by putting others down. That seems to be the attitude around here. On a local repeater I even heard somebody say, "Next thing you know there will be a way that my dog can get a ticket."

Its remarks like these that makes me wonder what is keeping this hobby alive. After some careful thought, I realized that is is in fact those that go through the trouble of educating others, rather than laughing at them, scoffing at them, and posting about them. This is the true essence of Amateur Radio. Those of you who put down the new hams with your "Back in my day" horror stories of testing seem to have lost sight of this. Sure, the No-Code Tech license is easier to get than licenses in the past. But is that the fault of the Tech's? Are they not worthy of a license because they didn't take the test 5, 10, or 20 years ago? Are they not worthy of the license because they haven't passed a Morse Code test, yet? Many Techs are brilliant people in their profession and enjoy broadening their horizons via Amateur Radio. Don't slam the door in their face.

The license has probably helped more than some are willing to admit. It has pumped a new life into the hobby, from my understanding. Many Tech's get the license to see if there is anything interesting on the Ham bands. Those who get hooked, advance from there. Those who don't, leave it at that.

Is a person holding a Technician license necessarily stupid because they can't recite the laws of propagation? Are they worthless because they can't go into great detail about certain circuit fundamentals? I would invite those of you who take this information for granted to get off of your soap box and spread the knowledge instead of complaining about the testing system. Also, remember that no matter how much you know, there will always be somebody out there that knows more...Guaranteed! Does that make you less of a person?

I have yet to see a testing book that goes into great detail about the underlying principles behind the answers on the exams. Ultimately, I think this would be the most effective way to study for an exam and even retain some of the information presented within. However, there is also *NO* substitute for on-the-air practice and talking with the Pro's who are willing to teach. This is the greatest strength behind the No-Code

Tech license.

In conclusion, a hearty congratulations goes out to all the recently licensed amateurs. A hearty thank you goes out to all the old timers who are willing to teach the new comers. Your efforts are what keep the service alive. And finally, I would like to ask all of those doing the complaining about the "Know-Nothing Techs" to please follow suit. Its a shame that one must inflate their ego by putting down others, and at the same time push the responsibility of education off to their neighbor. It is this elitist attitude that is most destructive.

KB8WFV

(Not bad for a No-Code Tech like myself, eh?)

BTW... I would invite those who are interested in teaching or learning to look for the opening of my BBS in about a month. It will be based in the Detroit Metro area (810) and carry A LOT of information on many topics. There will be sizable Ham message and file areas. I will post more information as the system nears completion.

Flames to /dev/null, please.

--
Greg Corteville | "If privacy is outlawed, only
gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
gcortevi@trident.lbs.msu.edu | - PGP Documentation
---[PGP Key available via finger]-----------------------------------

3529. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 21:06:07 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Mar17160607@rinhp750.gmr.com>
Source record: 250536

In article <tspeairs-1703950837190001@192.0.2.1> tspeairs@intnet.net (Tom Speairs) writes:
In article <3k7bdp$hm3@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) wrote:
> Bruce Miller (brucem@eskimo.com) wrote:
> : Anybody have any thing to report about the Radio Shack
> : 2m handhelds? Good, bad, indifferent, etc? I'm
> : contemplating a low-end (not much $$) purchase.

One BIG feature, IMHO, is the $40 extended warranty on the RS handies. You
have to have experienced the pain ($$$) and aggravation (shipping, etc.)
of sending a japanese radio to the left coast to appreciate the "just drop
it off at any RS, anytime" service.
Check it out!
73 de WF3E

One minor nit. Warranties cover defects in materials and workmanship.
The Tandy Service Plan covers Service. If it needs service, it's covered.
It's a great selling point if/when you go to sell the radio.

(Yes, I work for RS part-time)

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

3530. Out-of-band emergency

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 21:27:00 UTC
From: werner.stern@factory.com
Message-ID: <34259.2965.uupcb@factory.com>
Source record: 250549

KH>.@SUBJECT:Re: Out-of-band emergency calls
KH>.@N FROM :kim@nntp.cadence.com
KH>.@N MSGID :<D4uBJG.8po@Cadence.COM>
KH>N Newsgroups: rec.radio.amateur.misc
KH>Path:
KH>uupsi!psinntp!rebecca!newserve!ub!news.kei.com!newshost.marcam.com!
uun
KH>et!nntp.cadence.com!kim From: kim@nntp.cadence.com (Kim Helliwell)
KH>Subject: Re: Out-of-band emergency calls
KH>Message-ID: <D4uBJG.8po@Cadence.COM>
KH>Sender: news@Cadence.COM
KH>Date: Fri, 3 Mar 1995 01:16:27 GMT

KH>Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
KH>: In article <3ivo4i$jqf@odin.community.net> sbaldwin@community.net
KH>writes:

KH>: > I'm studying for my General License right now, and the book
KH>: > from Gordon West mentioned that, in an emergency, we may use
KH>: > ANY FREQUENCY to summon aid. However, it also said that POLICE
KH>: > CHANNELS are taboo.

Hi,

There has recently been a situation where a ham in California used a
poice channel with his modified 2 meter handheld to signal for help.

He has received support from the FCC on his use, however, the police
impounded his radio and he has been unable to get it back. The locals
read the rules their way and the FCC's rules don't seem to matter.

I would recommend you use the pone if at all possible or an autopatch
thru a ham repeater to signal for help.

The idea being: you are absolutely right, you can operate out of band,
but you have to be ready to defend against charges by non-hams in
doing so. If you have the bucks for a lawyer, by all means do so,
otherwise don't use the police band.

The main complication is that the rig was modified (perfectly legal
for a ham to do) to listen but you better be very sure of your
position, which is, no other means of communication was available.

With regard to FCC declarations of emergency: these are rare and
usually have to do with major emregencies. Even then only certain
stations will be authorized to yse these frequencies. Most hams will
not be allowed on them and you will get tagged if you do.

73's WB2JWB Werner

Internet Addr: werner.stern@factory.com

3531. Re: WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 21:50:33 UTC
From: pp000719@interramp.com
Message-ID: <3kd3vq$np8@usenet.interramp.com>
Source record: 250532
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

> In article <3jut70$le8@eldborg.rhi.hi.is>,
> sveinnsv@rhi.hi.is says...
> >
> >Im looking for dedicated amateur WWW homepages. If
> you or your club has one
> >please email me. I will post a summary later.
>
> One that I like (In the Montreal area) is:
>
> http://www.cam.org/~dino/ham.html
>
> ---
> Don Lafontaine (VE2UFO)
> Canadian National Railways Montreal Quebec,
> Canada
> Telecom Engineering Email -
> lafont02@godzilla.cn.ca
>

Check out the new WWW site of the American Digital Radio Society
(ADRS) at: http://www.iea.com/~adrs which has many, many
hyperlinks to other amateur radio web sites, organizations,
clubs, individuals and other ham radio resource on the Web!

3532. 1x2 & 2x1 Calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 21:53:59 UTC
From: bob@raddev.com
Message-ID: <3kd0dn$9im@caesar.ultra.net>
Source record: 250677

I posted an article last week offering listings of the
available 1x2 and 2x1 calls in any district.

Please:

If you send a floppy for all the listings, please format
it and VIRUS check it. I already got one with FORM VIRUS
and one with MONKEY VIRUS. Good thing I run Norton Anti
Virus. 3.5" or 5.25" 1.44M,720K, or 1.2m in the case of 5.25".

Dont send me any money. I've returned all the dollar bills
and IRCs. You'll get a Radio Devices catalog and that is
my "payment". Maybe you'll see something on it you like....

Send business size SASE and if you send a floppy, please
send a SASFM (self addressed stamped floppy mailer). Floppy
disks werent meant to travel in an envelope with .32c postage.

BTW, I didnt weed out the calls that arent in the continental
US like WP1* or KL1* etc.... I havent seen anything that says
you cant pick one of those. They arent in the US according to
DXCC, but according to the ITU I think they are?

--
==
==
Radio Devices email for complete cdrom or Ham catalog
32 Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
Marlboro, MA 01752 Linux,OS/2, MAC,Windows,Unix, CICA,SIMTEL
(508)480-0502 KD1GG Ramsey Kits, Antennas West, Power Station
================== Oak Hills Research QRP Kits,Anli Antennas
Master Card/VISA, Personal Checks, Money Orders gladly accepted
Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
==

3533. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 21:54:49 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.795477289@melpar>
Source record: 250541

ron@fc.hp.com (Ron Miller) writes:

>Dana Rodakis (dgra@qmgate.ECi-esyst.COM) wrote:
>: The reason most newcomers don't know anything is that you don't have
>: to know anything to get a license. You just have to memorize the
>: answers. IMHO, making the question pools available is a cheat. Back

If this premise is true, then no one who ever got a First, Second or
Third Class Radio Telephone Operator license from the 1950's through the
late '70s ever had to know anything, either. The FCC made available
sufficiently detailed information on the content of the exams that
entire Q&A handbooks were published and sold by the tens of thousands.
Additionally, because of the FCC requirement at the time that the "control
operator" of a directional AM broadcast station had to have a 1st Phone
even if the station was less than 10 KW, a number of "schools" were
established that, for a fee, would run an applicant through a three-day
"crash course" so he/she could get a 1st 'Phone and "change the pattern"
at a directional AM station. And who were these applicants? *Disc
Jockeys* who knew *nothing* about electronics and *didn't care* to
know anything, *BUT* directional stations could use them instead of
legitimate 1st Phone licensees and kill two birds with one stone: for
one paycheck a week, the station got both a jock *and* an "authorized
control point operator and pattern changer." The real "operator" was
usually a contract 1st Phone licensee who was available "on call" if
something *really* went wrong.

In similar fashion, there are a number of companies which currently
publish *complete question & answer guides* to FAA pilot written exams
(and for those who like to bash the amateur VEC program, please note that
the FAA no longer gives FAA written exams; they are done by private companies
specifically authorized to administer exams, the same as with the FCC
commercial exams {which FCC no longer administers}. Also, take note of
the fact that the FAA almost never administers pilot flight tests except
for Air Transport Rating; these tests are administered by *Designated
Examiners* (DEs) who are experienced flight instructors authorized by
the FAA to administer flight tests (and charge fees for doing so).
Sound familiar?)

Note also that there are "weekend" courses for those wishing to
pass the FAA Private, Instrument, or Commercial written exams. The
only saving grace with the FAA writtens is that, during the flight test,
the DE is free to cover any material already covered on the written,
although if you scored 90% or better on the written and answer the DE's
first few questions satisfactorily, you won't be asked much more if
any. On the other hand, if you barely passed (with a 70%, say) you can

expect a thorough grilling by the DE.

FCC Commercial exams have no parallel to the FAA flight test, but
if your facility (radio station or whatever) is ever inspected by an
RI you can expect him to "test" your competence as a licensee.

>: when I got my license in 1978, you had to go to the FCC field office
>: and face the man with the white shirt and black tie proclaiming "So,
>: you want to be a ham radio operator, I don't think so!" You had to
>: LEARN it to pass the test. 73, Dana, AJ1R.

This is complete, unadulterated hogwash. I have been in the FCC office
a number of times to take amateur and commercial exams, from as long
ago as 1958 to as recently as 1976. I have *never* been intimidated or
felt "threatened" by an examiner. They have been universally businesslike,
efficient, and generally humorless (but after all, you were there to *take
a test*, not joke around). They were also absolutely dispassionate as
to whether an applicant passed or failed. And having proctored many
enlisted rating exams in the Navy during my 14 years of service, I can
assure you that I adopted the same demeanor as a proctor.

>This is most assuredly not true.
>When I passed my Advanced in 1972 (at age 14) I did it by memorizing
>the answers to the test guides along with a little bit of knowlege.
>I didn't know very much then.
>Still don't sometimes.

For the record, I prepared for my Novice (1957) and General (1958)
by *memorizing the ARRL License Manual*. It may be little easier
to do nowadays with complete Q&A sets, but it was done then as well.
I didn't really *learn* electronics until I went in the Navy, and I have
to say that studying for my 1st Phone and Amateur Advanced was sure a
lot easier after I *knew* something, but I *STILL* used the License
Manual and Q&A guides as a large part of my study regimen. (Got my 1st
in '72 and my Advanced in '76).

73 DE K4MSG

3534. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:24:57 UTC
From: furuta@cs.tamu.edu
Message-ID: <3kd27p$onn@news.tamu.edu>
Source record: 250528

In article <3kcr8n$ler@nyx10.cs.du.edu>,
Greg Corteville <gcortevi@nyx10.cs.du.edu> wrote:
>After reading this newsgroup for a while, I feel I should make a couple
>of comments. It seems as though there are an inordinate number of
>people out there who feel that the No-Code Tech is a Know-Nothing Ham.

I think it is more the case that there are a few people out there who feel that way and also insist on letting the rest of us know about it! I like to believe that the majority are more even-minded than that. One factor that it's good to keep in mind is that since this topic of discussion is a never-ending one, after a while the only folks left talking are those with an ax to grind---the rest of the group has decided that there's no future in trying to change the minds of the disgruntled.

--Rick
KE3IV

3535. ARRL e-mail address ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:30:21 UTC
From: kenneth@cybernetics.net
Message-ID: <3kd2ht$5de@news0.cybernetics.net>
Source record: 250529

Does anyone know if the ARRL can be sent e-mail requesting a field day packet? If this is possible, could someone please post the address.

Thanks,

Kenneth

3536. NO SUBJ

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:32:57 UTC
From: roy.gregson@usfamily.wa.com
Message-ID: <9503171800423707@usfamily.wa.com>
Source record: 250564

```
SUBSCRIBE QRP-L@NETCOM.COM
A
```

3537. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:42:46 UTC
From: tmill493@bssbbs.com
Message-ID: <Z0P52c2w165w@bssbbs.com>
Source record: 250542

epladsen@nyx10.cs.du.edu (Eric Pladsen) writes:

> I have a few questions for anyone who is familiar with the procedure
> for getting call plates in California:
>
> 1. Does California slash the zero for those with zero-land calls?
>
> 2. How much extra do the plates cost? One-time fee, or every year?
>
> 3. What form needs to be filled out to apply for the plates?
>
> 4. How long does it take to get the plates?
>
> 5. What is your opinion on the risk factor for break-ins and/or
> vandalism that call plates add?
>
> Thanks,
> Eric
> --
> epladsen@nyx.cs.du.edu 73 de N0MWG

The cost is $21.00 extra for the plate. There is no recurring fee after that. You pay once, and that's its. Don't think they use a slash thru the zero, but could be wrong. As far as breakins, don't think the general public really knows what it is. It takes about 3 months to finally get the plates after ordering. Not bad really.

Tuck, KC6ZEC

3538. Computer Control of TS440, Worth the trouble?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:50:03 UTC
From: jimnice@aol.com
Message-ID: <3kd3mr$sgj@newsbf02.news.aol.com>
Source record: 250530

I would like to get in touch with anyone out there who is using computer control of a Kenwood TS-440S. My manual makes mention of a required IC-10 chip which I understand. But elsewhere a IF-232C is mentioned which I don't understand. Is the IF-232C necessary and what does it do? Is the whole process worth the bother and expense considering the apparant limitations of computer control in this rig? Any input would be appreciated.

Jim, AA7MY, Tucson
Jim >> "Facts are stubborn things...." John Adams, 1770

3539. NOVELL Netware 3.12 Certification

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:52:45 UTC
From: wwivhub!nxprs!bear@slic.cts.com
Message-ID: <mqq52c1w165w@nxprs.uucp>
Source record: 250557

Is anyone familiar with the process to become certified as a CNE on
Netware 3.12??

The Bear

Nassau Xpress BBS (619) 433-9777 FREE Internet E-mail Access
SYSOP: WWIVNET 1@6959 or dlw!nxprs!wwivhub@slic.cts.com
Oceanside, CA

3540. ARLP013 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:53:10 UTC
From: w1aw@arrl.org
Message-ID: <$arlp013.1995@ampr.org>
Source record: 250533
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP013
ARLP013 Propagation de KT7H

ZCZC AP81
QST de W1AW
Propagation Forecast Bulletin 13 ARLP013
From Tad Cook, KT7H
Seattle, WA March 17, 1995
To all radio amateurs

SB PROP ARL ARLP013
ARLP013 Propagation de KT7H

Solar activity was down last week, with solar flux an average 8 points lower than the previous period, and one day with a sunspot number of zero. The geomagnetic A index hit 28 on March 12 and 13, which indicates very disturbed conditions. The K index went as high as six during that period.

Solar flux is expected to rise to around 90 on March 20 or 21, the drop back to the low eighties, and back to 90 on April 3 or 4. Disturbed conditions could return on March 27 and 28 and again around April 9.

Sunspot Numbers for March 9 through 15 were 22, 0, 11, 26, 35, 37 and 29, with a mean of 22.9. 10.7 cm flux was 78.4, 79.1, 76.1, 76.2, 77.5, 79 and 81.1, with a mean of 78.2.

The path projection for this week is from Omaha, Nebraska and New York City to Cayman Island.

From Omaha, 80 meters looks good from 0000z to 1200z, and 40 meters nearly around the clock, with the best time on 40 from 0030z to 1100z. The weakest period on 40 meters should be from 1600z to 2000z. 30 meters also looks excellent around the clock, with a weak period around 1230z and the strongest signals from 0000z to 1200z. 20 meters looks good from 1230z to 1400z and from 1700z to 0230z. 17 meters should be open from 1400z to 0100z, and 15 meters from 1530z to 2330z. 12 meters has a strong probability of openings from 1630z to 2200z, and 10 meters may be open on some days from 1730z to 2200z.

From New York, check 80 meters from 2300z to 1200z and 40 meters from 2030z to 1430z. 30 meters should be best from 2330z to 1100z, with openings around the clock. 20 meters should be best from 1200z to 1430z and 2030z to 0130z. 17 meters looks good from 1400z to

2330z, and 15 meters from 1600z to 2100z. 12 meters may have an
opening from 1600z to 2200z, and 10 meters around 1830z to 1900z.
NNNN
/EX

3541. ARLB024 NTIA releases report

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:55:32 UTC
From: w1aw@arrl.org
Message-ID: <$arlb024.1995@ampr.org>
Source record: 250534
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB024
ARLB024 NTIA releases report

ZCZC AG90
QST de W1AW
ARRL Bulletin 24 ARLB024
From ARRL Headquarters
Newington CT March 17, 1995
To all radio amateurs

SB QST ARL ARLB024
ARLB024 NTIA releases report

The NTIA has released its Spectrum Reallocation Final Report as required by the 1993 Omnibus Budget Reconciliation Act (OBRA). The OBRA sought to make spectrum presently allocated to the federal government available for nongovernment use.

In its preliminary report, the NTIA had proposed to make 2390 to 2400 and 2402 to 2417 MHz immediately available with 2300 to 2310 MHz to be available in 1996. These bands are allocated to the amateur service on a secondary basis. The ARRL and other amateur interests objected to any reallocation that would diminish the usefulness of these bands to amateurs. The principal users of 2400 to 2450 MHz are industrial, scientific, and medical (ISM) devices such as microwave ovens, the amateur service, and nonlicensed devices operating under FCC Part 15 rules.

Based on the public comments, the NTIA has concluded that subdividing 2400 to 2450 MHz into three parts, as originally proposed, would not best meet the needs of the principal users of the band. The NTIA Final Report says, ''Reallocating the entire 2400-2450 MHz band would provide the FCC with the opportunity to develop a long-term regulatory framework and strategy that meets the needs of the amateur service and addresses the requirements of a robust and growing Part 15 industry.'' The action, according to the NTIA, ''creates a sense of stability regarding future non-Federal use and provides the opportunity to have a significant amount of spectrum for long-term development of non-licensed technologies.''

As reported earlier, in a parallel proceeding, ET Docket 94-32, the FCC decided to make 2390 to 2400 MHz available for Part 15 use in addition to the existing Part 15 band of 2400 to 2483.5 MHz. The FCC has identified no additional services to be introduced into the 2390 to 2450 MHz band, and none are recommended in the NTIA report.

The relative status of the amateur services and the nonlicensed Part 15 devices is the subject of a further FCC notice of proposed rule making in Docket 94-32.

The NTIA has accelerated the schedule for making 2300 to 2310 MHz available for additional non-Federal use, to August 1995, but with airborne and space-to-Earth links prohibited and commercial applications limited to less than 1 watt of power. Continuing amateur requirements for 2300 to 2310 MHz are detailed in the NTIA report. The FCC has as yet made no determination regarding possible new uses for the 2300 to 2310 MHz band.

The complete text of the NTIA Spectrum Reallocation Final Report is available by connecting through the Internet to http://gopher.ntia.doc.gov or to http://www.ntia.doc.gov. More information will be in May QST.
NNNN
/EX

3542. ARLB025 Amateurs get 219 MHz

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 22:57:06 UTC
From: w1aw@arrl.org
Message-ID: <$arlb025.1995@ampr.org>
Source record: 250535
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB025
ARLB025 Amateurs get 219 MHz

ZCZC AG91
QST de W1AW
ARRL Bulletin 25 ARLB025
From ARRL Headquarters
Newington CT March 17, 1995
To all radio amateurs

SB QST ARL ARLB025
ARLB025 Amateurs get 219 MHz

The FCC has released a Report and Order in ET Docket No. 93-40, allocating the 219 to 220 MHz band on a secondary basis to the Amateur Service for point-to-point fixed digital message forwarding systems. The allocation had been requested by the ARRL as partial compensation for the loss of the 220 to 222 MHz band.

When the new rules take effect, on a date that has not yet been announced, Technician and higher class amateur licensees will be permitted to use digital emissions of up to 100 kHz bandwidth and no more than 50 watts PEP output. The primary occupant of the band is the Automated Maritime Telecommunications Systems (AMTS). To protect the primary occupant, the ARRL has been designated as the national contact point for all amateur operations in the 219 to 220 MHz band and is responsible for maintaining a database of all amateur operations in the band. All amateur stations must notify the ARRL at least 30 days prior to initiation of operations in the 219 to 220 MHz band. Amateur stations within 50 miles of an AMTS coast station must obtain the written approval of the AMTS licensee prior to operating. Amateur stations within 398 miles of an AMTS coast station must notify the AMTS licensee in writing at least 30 days prior to initiation of operations. The ARRL will assist amateurs in fulfilling these requirements. Amateur stations operating in the 219 to 220 MHz band are not permitted to interfere with, nor are they protected from interference by, primary service operations in and adjacent to the band.

The FCC action climaxes almost six years of effort by the ARRL. For additional background see May 1993 QST, page 9. Full details will appear in May 1995 QST.
NNNN
/EX

3543. IPS Daily Report - 17 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 23:09:02 UTC
From: rwc@ips.oz.au
Message-ID: <3kd4qe$2vr@flare.syd.ips.oz.au>
Source record: 250537
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 17/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 17 MARCH AND FORECAST FOR 18 MARCH - 20 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 83/24

GOES satellite data for 16 Mar
Daily Proton Fluence >1 MeV: 7.1E+05
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 5.0E+09 (very high)
X-ray background: A7.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
18 Mar 19 Mar 20 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 18 Mar: 84/26

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 16 Mar
Learmonth 11 3232 2332
Fredericksburg 7 9
Planetary 10 12

Observed Kp for 16 Mar: 3333 2332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
18 Mar 8 Quiet to unsettled
19 Mar 6 Quiet
20 Mar 6 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

17 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
18 Mar normal normal fair
19 Mar normal normal normal
20 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
17 Mar 38 10 to 20% above predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
18 Mar 35 10 to 20% above predicted monthly values
19 Mar 35 10 to 20% above predicted monthly values
20 Mar 35 10 to 20% above predicted monthly values
COMMENT: Observed Townsville frequencies: daylight enhancements.
Observed Hobart frequencies: near predicted monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3544. Dif. between FT-530 and TH-79A?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 23:25:10 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3kd5om$rkh@floyd.santarosa.edu>
Source record: 250531

Hello all,

I have a friend who is considering purchasing a Kenwood TH-79A handheld dual band HT. I have a FT-530. I am wondering what the differences are between these two and which one you would recomend of these two. If you know anything about what features these have an comparisons between the two please e-mail me or post here. I will really appreciate any replies I can get. THANKS,

John Thompson
jthompso@nermal.santarosa.edu

3545. Re: Re: Best of Net - Home Page (ie. squash K1MAN)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-17 23:41:36 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5Lz5C.172@news.hawaii.edu>
Source record: 250566

Gerald Schmitt <ggs@aerie.lanl.gov> writes:
>
>... I'm a bit
>embarassed to admit that I am a ham.

To whom? Other hams? Or to non-hams? Certainly 80M is not something
the average non-ham will stop you on the street to discuss.

3546. Info nedded on standard c528 mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 00:35:09 UTC
From: dmclean@dfw.net
Message-ID: <3kd9rt$f4a@dfw.net>
Source record: 250538

I have I list of way yo extemp the rx/tx on the standard radio. The way
my list tells me is be typing a series on keys to get the radio extended.
Is this true or is it a joke!!! Please help

3547. Any Flint, MI area hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 00:39:49 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD5M1uE.4o8@netcom.com>
Source record: 250543

Is there anyone on here from Flint, MI or the surrounding Genessee County area?

It's getting near Field Day, and I can remember fondly running the 40 SSB operation with the W8ACW group, either 1968 or 1969.

Jim - KF6CR (formerly WA8RWL)

--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3548. TH79 - AM on bands other than air?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 00:40:00 UTC
From: dplumb@cix.compulink.co.uk
Message-ID: <memo.119421@cix.compulink.co.uk>
Source record: 250539

Does anyone know if the TH79 can be persuaded to receive AM on bands other than the 118-136 and 300-400MHz ones? The VHF band is forced to AM, the UHF is switchable via a menu option. Toggling the menu option while in other bands does nothing.

Any help gratefully received!

Dave Plumb
G7MIL @ GB7HSN.#32.GBR.EU

3549. Need QRG's Belgium, France , Luxembourg repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 00:45:05 UTC
From: patrick@thorax.xs4all.nl
Message-ID: <052dtcx5f@thorax.xs4all.nl>
Source record: 250562

Hello,

During my leave next summer, I will be touring in Belgium, Luxembourg and
France.

Could you show/mail me where I can find a recent list of repeaters in
those countries ?

Thanks in advance !

73 de Patrick, PE1NTU
--
Don't take this sig serious.

3550. C connectors?? (Was:

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 01:35:00 UTC
From: martin.briscoe@almac.co.uk
Message-ID: <8A5B09B.044A00B6D7.uuout@almac.co.uk>
Source record: 250561

```
Z(> Interestingly, according the the Andrew catalog, N and HN connectors have
Z(> the same *power* rating at 900 MHz, 0.6 kW, even though HN connectors have
Z(> twice the DC test voltage rating (4 vs 2 kV). Doesn't look like N
Z(> connectors will handle the legal limit on 23 cm--are there special versions
Z(> available?

From what I remember at work we use HN's on some 3dB couplers combining two
500w Band II amplifiers. So there is just under 1KW through them. N's tend to
be used up to about 500 watt and then they now use a 7/16" screw connector at
1 KW or 2KW (depending on how many 500w amplifiers combined) - but not sure of
the proper name of that connector, we just call them 7/16's.

| Martin Briscoe | Internet: martin.briscoe@almac.co.uk |
| Fort WILLIAM | Packet: GM8AOB@GB7AOB.#76.GBR.EU |
| Inverness-shire |
| PH33 6UG |

---
* RM 1.3 00964 * Martin Briscoe - Fort William - Inverness-shire - Scotland
```

3551. Are you?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 01:46:00 UTC
From: richard.hernandez@richcon.com
Message-ID: <9503180036268083@richcon.com>
Source record: 250491

Luis.
Have you ever lived in Costa Rica? Do you have relatives living there?
I picke up your message about the "cristal" you needed. Your name
sounded familiar. Sorry I can't help you with your radio.

Best Regards

Richard Hernandez. KC4QBQ
Mechanicsville, VA

3552. Re: Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 02:32:57 UTC
From: mdf@vigard.mef.org
Message-ID: <D5M72y.GBD@vigard.mef.org>
Source record: 250540

horrock@aol.com (Horrock) writes:
>Would pluse one-way Carriers, with no data/voice/etc on it be legal?

if i was to build a WX radar, my particular pulse pattern would be:

_·_· __·_ _·_· __·_ _·· · ···_ · ···__ ·_· __·_ _··_

and hey, if no one answers, well i guess thats too bad eh? :-)

>In this case no, I don't think so - there would be no communications going
>on.

if you do something silly like asking the bureaucrats first, ya, that'll
be the ruling.
--
Matthew Francey | "Nobody with a good computer needs to be justified."
mdf@vigard.mef.org | GPS(NAD27): N43o34.204' W079o34.572' +0093m

3553. HRO phone # needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 03:30:28 UTC
From: techman@ace.com
Message-ID: <2662.UUL1.3#25274@ace.com>
Source record: 250545

M{>{hubbert@minerva.cis.yale.edu}

M{>Please email or post the 800#
M{>thanks

PHONES #
WEST 8008546046
MOUNTAIN 8004449476
SOUTHEAST 8004447927
MID ATLANTIC 8004444799
NORTHEAST 8006444476
NEW ENGLAND 8004440047
THERE IS A LIST IN QST
73 BOB N1UAN

3554. TCP/IP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 03:30:32 UTC
From: techman@ace.com
Message-ID: <2663.UUL1.3#25274@ace.com>
Source record: 250546

Hi
Can anyone please tell me a little about TCP/IP how it works,i think it is suppose to allow you to send internet email to packet am i correct on this,also does anyone know any systems in and around Waltham,Mass that runs it.Any info on how to use and access these systems.Thanks in advance.
73 BOB BRUNDIGE N1UAN WALTHAM,MASS 02154
EMAIL {techman@ace.com}

3555. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 04:42:07 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031816927@alb.med.itc.com>
Source record: 250567

In Article <D5Gqx6.KAH@zeno.fit.edu>
wnewkirk@bb.iu.net (William Newkirk) writes:

> In article <3k4egf$i3s@news.ualr.edu>, Doug Mauldin <gdm@fermi.ualr.edu>
wrote:
> >to his Boy Scout troop meeting to show them off. The Scouts have
> >historically been involved in amateur radio, right? Well, guess again.
> >The scoutmasters confiscated his HT until after the meeting and told him
> >not to bring it back.
>
> do they still have the radio merit badge or is that all wrapped up in
> a "communications" badge these days?
>
There is still a "Radio" merit badge in addition to the "Communications"
badge. (I don't guarantee the accuracy of all this as my son just joined Boy
Scouts a week ago and I've only looked briefly at the requirement book
once). The Radio badge has 3 tracks... one for broadcasting, one for SWL
and one for ham radio, with a set of requirements for each - the boy
chooses which one he wants to do. The ham radio track requires learning CW
and making some HF contacts as well as collecting a few QSL cards. The
Communications badge, on the other hand, which I think may be an Eagle
required badge, deals with such things as public speaking, letter writing,
resume writing etc and has nothing to do with radio at all.

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3556. Geoclock

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 04:59:02 UTC
From: HOFFMANMK@CONRAD.APPSTATE.EDU
Message-ID: <3kdpam$drq@lester.appstate.edu>
Source record: 250547

Can someone direct me to a/the source for the computer program
Geoclock which shows a series of maps with the current time displayed
in various cities, both USA and in other parts of the world?

Is it commercial software, shareware or what? Where does one obtain it?

Thanks in advance.

Marv Hoffman, KD4EGV/AA
Boone, NC

Internet: HOFFMANMK@APPSTATE.EDU

Marvin K. Hoffman Phone: 704-262-3075
Appalachian State University Fax: 704-262-2947
Political Science/Criminal Justice
Boone, NC 28608
Internet: HOFFMANMK@CONRAD.APPSTATE.EDU

3557. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 05:30:39 UTC
From: droy@netcom.com
Message-ID: <droyD5MFB4.AMI@netcom.com>
Source record: 250552
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

: I bought a 2006 a while back on the "no interest
: no payment for 6 months" plan.
: On the monthly statement interest kept appearing.

: way. You got a few bucks you lost a good customer. Adios

I got the Frequency Counter with this plan and took the entire time to pay it off. NO problem.

I would call a store near you and get the district managers number, call them and if you get the run around ask for THIER supervisor. I have seldom had to go up much higher than two levels of management to get my bitch heard.

Don't let them pull anything over on you. We spend LOTS of tax dollars on consumer law. DEMAND an accounting to your satisfaction.

Dave

--
To know me is to really love me-

Dave Roy (1947-)

3558. contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 05:33:42 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <3kdrbm$f2i@geraldo.cc.utexas.edu>
Source record: 250550

chris@bris.ac.uk (Chris Railton) says:

>>I must say that more often than not if I tune around 14MHz at a
>>weekend there is nothing else but people shouting "contest", usually
>>with no regard for other operators such as SSTV on 14230. It makes
>>the band unusable for anything else too often. Why not have a contest
>>free zone on each band where other interests can be indulged?

The first sentence is incorrect - if you listen on e.g. 20m SSB
the number of weekends with major contests is small, you just
remember them, that's all.

There are contest-free zones. Apart from a very small number of
contests, if there is a 'phone contest on, the whole of the CW band
is contest-free, and if it's a CW contest, the whole 'phone band is
available. The WARC bands (12, 17 and 30m) are free of contests at
all times, including weekends.

Personally, I wish there were ragchew-free zones, I find ragchewing
going on at all times on all modes and on all bands; it's not my
thing, just as contesting apparently isn't yours - I deal with it,
and I'm sure you can too.

Derek "599" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

3559. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 05:37:32 UTC
From: jjhall@comp.uark.EDU
Message-ID: <Pine.SOL.3.91.950317233645.16890C-100000@comp>
Source record: 250551

unsubscribe

3560. UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 05:48:22 UTC
From: rickmcm@delphi.com
Message-ID: <9503180042591.The_Win-D.rickmcm@delphi.com>
Source record: 250576

In article <D5Jxyu.4J@wang.com>, dbushong@wang.com (Dave Bushong) writes:
>
> In this month's Wordradio, page 15, there is an article about a
> UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
> FT-470.
>
> Has anyone tried one of these on a higher-powered transmitter? I have
> a Kenwood 741, which puts out 50 watts, and I don't want to blow the
> sucker apart. Or, does anyone know if there is a higher-powered
> version of the filter?
>
> Here's the text of the article (typos are mine, sorry...)
>
> Worldradio, 520 Calvados Ave., Sacramento, CA 95815
> Vol. 24, No. 10, page 15
>
> ====================================
> UHF/VHF anti-virus filter
>
> Ann Shaver, AH2E
>
> Concern over the possibility of Hawaiian repeaters becoming infected
> with mainland viruses has prompted Richard LaChance, AH6IO, to develop
> an effective, inexpensive anti-virus filter for use with all HTs. I
> tested this innovative product for one week, trying it on a variety
> of 2 Meter and 440 equipment and was very impressed with its
> performance. For the first time in many months, I was confident I
> could enjoy area repeaters without fear of picking up a virus.
>
> [caption]
> The anti-virus filter works well on VHF and UHF equipment. - photo by NH2Z
>
> "The Aloha State is particularly prone to viruses," LaChance explained
> recently "First, we're the crossroads of the Pacific. Every month
> scores of hams from Europe, Asia and the rest of the United States
> visit here. For that matter, recent statistics show a significant
> proportion of our visitors now come from Oceania and Latin America as
> well. So the chances of someone importing a virus are relatively
> high. "Second," LaChance continued, "our warm, tropical climate is the
> ideal environment for the incubation of viruses. In my line of work, I
> see a lot of sick radios (LaChance is the technician m Hawaii's
> leading radio store) and I wanted to do something to prevent the
> spread of the problem. Honestly, I'd be overwhelmed if users of the
> City Hall or Diamond Head repeaters, for example, picked up some

> virus.
>
> "These days, you just can't be too careful."
>
> Although the anti-virus filter looks simple, much sophisticated
> engineering has gone into it. Just as important, it is easy to use.
> With the addition of only a simple adapter, it can be used on any VHF
> or UHF equipment. Imbedded in a small puka (a Hawaiian technical term
> generally translated as "hole") is an adjusting screw that permits the
> user to null out any detected virus.
>
> My only complaint is that the antivirus filter does alter the center
> of gravity of HTs, particularly the newer micro-minis on the market. I
> found my unit to be slightly unstable when the 5/8 wave-length
> telescoping antenna was fully extended. Admittedly, this is a minor
> complaint, given the value of this simple device. On the other hand,
> the filter is equally effective with all types of radios and antennas.
> Versatility counts a lot! Although I have not yet had a chance to test
> it, I am looking forward to using it with my hardhat-mounted 440
> 6-element cubical quad.
>
> "It is an awfully good idea," agreed Chuck Burch, AH6IN. "In my own
> experience with antennas, I've always found that monopoles offer
> adequate protection, but Richard has come up with something that the
> average ham, particularly the newer, less technically inclined ham,
> can use to good effect. Since the Center for Disease Control in
> Atlanta knows of no antibiotic that is effective against deadly
> repeater viruses, LaChance's filter will no doubt find a wide market.
>
> Check with your local frequency coordinator. If he/she thinks your
> area is prone to viruses or if you plan to operate mobile or portable,
> consider protecting your equipment with an anti-virus filter. If your
> local ham supply center does not stock this item, contact LaChance
> directly. He is listed in the Callbook.TM
>
> ============[end of quoted article]===================
>
> Dave
> --
> Dave Bushong Internet: dbushong@wang.com
> Wang Software Packet: kz1o@k1ugm.ma
>
Hahahahahahahahahahahahahahahahaha......

Have you been fooled by the APRIL FOOLS issue perhaps?

Rick, WB7UGZ

3561. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 05:58:29 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3kdsq5$5td@abyss.West.Sun.COM>
Source record: 250553

In article ler@nyx10.cs.du.edu, gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:
>After reading this newsgroup for a while, I feel I should make a couple
>of comments. It seems as though there are an inordinate number of
>people out there who feel that the No-Code Tech is a Know-Nothing Ham.

There's plenty of Know-Nothing General, Advanced and Extra class
amateurs.

---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

3562. FCC 800 Info Line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 06:38:54 UTC
From: davidm@news-server
Message-ID: <1995Mar18.063854.27731@adobe.com>
Source record: 250554

Can someone tell me the FCC's 800 number for early license info?
Thanks

.david.
--
David Mitchell
Adobe Systems Incorporated david.mitchell@adobe.com
Bainbridge Ometepe Sister Islands Association davidm@uugate.uni.ni
Amateur Radio AB7DM*YN5NPM davidm@ab7dm.ampr.org
For a great pound of coffee dial 1-800-400-CAFE

3563. Re: ARLB023 FCC call sign update

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 06:50:32 UTC
From: dteague@csc.com
Message-ID: <3kdvro$mgl@explorer.csc.com>
Source record: 250556

jeffrey@math.hawaii.edu wrote:
: In article <$arlb023.1995@ampr.org> w1aw@arrl.org writes:
: >SB QST @ ARL $ARLB023
: >ARLB023 FCC call sign update
: >
: >District Group A Group B Group C Group D
: > Extra Advanced Tech/Gen Novice
: >Hawaii ++ AH6NY ++ WH6CSX
: ^ ^ ^

: Due to the mandatory H in Pacific calls we're quite limited in the
: number available for each catagory. As you can see, here in the H6th
: District we're half way through the Advanced sequence, with two groups
: already depleted. Once the Advanced calls are gone only Novice calls
: will be left. We might be the first call district to be in this
: situation! One wonders what will happen if the Novice calls run out.
: ^
: Jeff NH6IL
: ^
----

i have a question about call assignments. i received my conditional
license (wb5thj) while stationed at guantanamo bay (gtmo), cuba in 1975. the
prefix assigned to gtmo was kg4. when they started the kxnxx series for
advanced, what did they do about florida, leave out the kg4's there? also
i notice on this list there's no separate listing for guantanamo.

side note: when i upgraded to advanced, i felt like i'd come full circle
since i started out with a kg... call from the club station at gtmo.

just wondering. tks for any info.

73
--
regards,
dteague@csc.com kg5vt /guy/

3564. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 07:52:06 UTC
From: rwilkins@ccnet.com
Message-ID: <3ke3f6$1aa@ccnet3.ccnet.com>
Source record: 250555

Paul H. Bock (phb@syseng1.melpar.esys.com) recently wrote
in <phb.795477289@melpar>:

: In similar fashion, there are a number of companies which currently
: publish *complete question & answer guides* to FAA pilot written exams
: (and for those who like to bash the amateur VEC program, please note that
^^^^
: the FAA no longer gives FAA written exams; they are done by private companies
: specifically authorized to administer exams, the same as with the FCC
: commercial exams {which FCC no longer administers}.

Quite a few Extras used the Dick Bash study guides, as I recall, all the
actual test questions and answers to the fcc cw exams were published.
When I see or hear these fellows bashing no code amateurs, I smile and
think back to the days when they bashed their way to a higher licence.
They are the real no clues...

Bob
--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3565. Frequency allocations by country?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 08:43:55 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3ke6gb$mq5@hummin.sol.net>
Source record: 250559

Does anyone know where a listing exists of worldwide Amateur Frequency Allocations? I am especially interested in 160 and 80M. I know that a W7 used to maintain a list several years ago but I am told this is no longer being done. I'm looking for something broken down by countries. Any help would be appreciated.

73,
Gary K9GS

--

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
|____|

3566. QSL label software?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 08:47:19 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3ke6mn$mq5@hummin.sol.net>
Source record: 250558

I have been searching for software that will print multiple QSO records on QSL labels, just like one sees on DX-pedition QSL's. Does anyone know what is used or am I forced to roll my own? The best alternative that I have seen would be to write a custom database in Microsoft Access and load CT res files into it. Any other ideas before I re-invent the wheel?

It would be ideal to be able to do the following:

1) Import logging files from CT or other logging programs.
2) Enter in a callsign and have the database searched for all instances of that callsign.
3) Tag some or all of the results and have QSL labels printed with a selectable number of QSO's per label.
4) Mark those QSO's as being verified.

Thanks for your ideas!

73,

--

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
|____|

3567. VOACAP software? Help?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 08:50:28 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3ke6sk$mq5@hummin.sol.net>
Source record: 250560

Has anyone had any luck getting VOACAP to run?? VOACAP is the
VOA propagation software mentioned in the most recent issue of The
NCJ. I followed all the instructions for installation in the READ.ME files
but just cannot seem to get the thing to execute. Yes, I did change the
PATH statement in my AUTOEXEC.BAT , per the instructions.

I will post suggestions here if I find out anything useful.

VOACAP is available via FTP from: ftp.voa.gov pub/software/voacap

73,
Gary K9GS

--

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
|____|

3568. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 11:15:33 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-1803950614460001@alexander.terranet.com>
Source record: 250563
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

> I would call a store near you and get the district managers number, call
> them and if you get the run around ask for THIER supervisor. I have
> seldom had to go up much higher than two levels of management to get my
> bitch heard.
>
> Don't let them pull anything over on you. We spend LOTS of tax
> dollars on consumer law. DEMAND an accounting to your satisfaction.

There's a lot to complain about when it comes to Rat Shack but I've never had a problem returning stuff or getting a complaint resolved. I'd call the store manager and then his boss--I'me sure you'll get satisfaction.

--
Michael Alexander

3569. Ham Radio Callbook via Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 13:24:44 UTC
From: smokey@marlin.ssnet.com
Message-ID: <3kemus$1qi@marlin.ssnet.com>
Source record: 250565

[No readable article body recovered]

3570. Re: Which Band For Qrp/pa

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 13:59:00 UTC
From: Sam.Barrett@f429.n326.z1.fidonet.org
Message-ID: <4da_9503182301@woodybbs.com>
Source record: 250509

DC>From: dbchris@eskimo.com (Don Christine)
DC>Subject: Re: Which Band for QRP/Pacific
DC>Organization: Eskimo North (206) For-Ever

DC>>I'll be travelling to Hawaii shortly & want to bring along a
DC>>QRP rig. I'm waffling between my 1W 30-40 rig (30m) and my
DC>>MFJ 9020 (20m) 5W. Which would give me more fun in working
DC>>Pacific stations & possibly mainland contacts? Anyone been
DC>>in a similar predicament? Thanks!
DC>You don't mention your antenna situation, but if you'll have
DC>enough room I'd go with the 1W 30-40 setup. The thrill of
DC>working stations on 1W is hard to beat, and 30 meters is
DC>really a good band to go QRP.

I agree with you, Don. Thirty meters is great for QRP. The crowd is
not a problem. I really like the QRP xcvr which was featured in the
November 1994 issue of QST. Both 30 meter and 40 meter versions are
available. I have built both and really enjoy them. The receiver is
extra good and much more than you would expect from such an inexpensive
unit.

Hope to hear you on the air.

73, de Sam, WA5RPP/1
Presque Isle, ME
WA5RPP @N1CHF.PQ.CAN.NOAM

---
* SLMR 2.1a * CQ CQ CQ de WA5RPP

--
|Fidonet: Sam Barrett 1:326/429
|Internet: Sam.Barrett@f429.n326.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3571. Which Arrl Dx Buro?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 13:59:00 UTC
From: Sam.Barrett@f429.n326.z1.fidonet.org
Message-ID: <4db_9503182301@woodybbs.com>
Source record: 250510

DC>I have moved to the Pacific Northwest, but still retain
DC>my callsign from the Midwest, NY9S. I presume that I
DC>still put envelopes on file with the 9th call district
DC>ARRL DX QSL bureau. Is this right?

You bet! I still use the W5 buro even though I am lost in Northern
Maine.

73, de Sam, WA5RPP/1
Presque Isle, ME
WA5RPP @N1CHF.PQ.CAN.NOAM

---
* SLMR 2.1a * CQ CQ CQ de WA5RPP/1

--
|Fidonet: Sam Barrett 1:326/429
|Internet: Sam.Barrett@f429.n326.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3572. How to start a Holocost that never happened

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 14:00:00 UTC
From: russ.wuertz@spacecoast-bbs.com
Message-ID: <8A5B21C.0090000001.uuout@spacecoast-bbs.com>
Source record: 250568

People are commenting on how un-controllable the start of WWII was
for both Germany and the United States.

Techneques used to provoke a war are the use of radio waves to
broadcast "sounds" and to follow people and events just like CNN does,
but they do not stop until a war starts.

Juvilile delinquents and Ayrens are blamed and a techneque that
broadcasting uses to follow "turf" wars and Blonde and Brunett problems
are played up.

Mass parinoia and people starting to get MADD and run around
with red ribbons is surely the start. Robbing peoples thoughts and
over survailance and sexual harrassment.

A Blonde biker gang and a Brunette biker gangs wars about
Robbing thoughts and telepathy is the start of World Wars. The blondes
are supposed to be following the brunettes and the brunettes killthem.

3573. ARRL E-MAIL

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 14:24:00 UTC
From: richard.hernandez@richcon.com
Message-ID: <9503181205298102@richcon.com>
Source record: 250493

A few days ago I inquired on this board about changing my address with FCC and Jeff Valley KE4AUT answered by telling me that I could E-Mail a request to ARRL via "form610@arrl.org". I did and the form arrived in my mailbox in a few days. I thought that someone reading this may want to have this information.
Thanks Jeff.

Richard KC4QBQ
Mechanicsville, VA
---
* OLX 2.1 TD * Press any key to continue or any other key to quit

3574. Re: Considering a Surge Protector? Lydia's Spam Continues....

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 14:57:52 UTC
From: lydiapolk@aol.com
Message-ID: <3kesdg$adb@newsbf02.news.aol.com>
Source record: 250569

To all,

Jeff Benkel <jbenkel@primenet.com> recently "saved" all of you
from "me" and my alleged "hidden" agenda to expose improperly
designed surge protectors. A further look into Jeff's tainted
response is in order.

Any good trial lawyer knows that if you don't have the facts on your
side then you simply ignore the facts and disparage your opponent
with half-truths and inuendo. This keeps your attack off-point and
keeps your opponent in a defensive posture from which he can't win.
Jeff argued no facts.

Before I destroy all of Jeff's "points," lets take a quick look at the
inuendo he used.

>spam

Sorry, Jeff, but all the newsgroups in which I posted my 2-line notice
about the availability of my article were appropriate newsgroups for
this posting. The topic was related as all these newsgroups are
inhabited by technical type people that would appreciate technical
details in my article.

Furthermore, the article simply exposes parallel mode devices such
as the MOV as the cause of surge problems, not as the solution to
them. If someone wants to pursue learning more about a series mode
protector, he writes me for further info. If he doesn't want to pursue it,
he deletes the article.

The article mentions no brands of improperly designed units. It does
mention that ferroresonant transformers work. They've been around
for decades. And it mentions no name brands of properly designed
series mode products.

>40 newsgroups

Jeff's implication here is that if there are 40 appropriate newsgroups
out of 8,600, that it's not OK to post a 2-line notice about the
availability
of my article to those 40. This is absurd on its face.

And by the way, Jeff, although this is irrelevant, the 2-line notice
wasn't
posted to a fraction of the 40 that you claimed. And the 2-line post
about the availability of the article was totaly appropriate for the
interests of those in the newsgroups in which I did post my 2-line notice.

>outfit called Zero Surge

Nice try Jeff. "Outfit" is one of the slickest forms of inuendo. It's subtle
but still disparaging. It's also interesting that you said this right after
claiming that your "company" was a world leader in surge suppresson devices.

Your company is a "company" while your competitor is an "outfit."
Good try Jeff. Classic inuendo.

>Don't be taken by this spam.

What you've done here, Jeff, is mix two different things. Although my
2-line notice about the availability of my article is not a spam, even if
it were, arguendo, then you'd still be confusing the effectiveness of a
product with the number of newsgroups it was posted in. There is no
relationship between the two, Jeff. You obviously know this. Nice try,
though.

>Now that my bias is out in the open, I feel the need to inform the 'net
>about the spam above.

Oh, I see, Jeff. Once you admit that you are a competitor then it's OK to
disparage your competition with inuendo but with no facts. You did it again,
Jeff. You refer to "the spam" again. Mixing again, Jeff. Spam and product
effectiveness are two completely different issues.

The real problem your comments, Jeff, is that my 2-line notice was not
a spam and that MOVs do cause common mode spikes.

>line to neutral protection scheme

Nice try at inuendo Jeff. First of all, "line to neutral protection" is so
conveniently vague that there are no specifics to respond to. And secondly
it's not a "scheme." "Scheme" is one of those slick words that lawyers like
to use to disparage (by inuendo) anything they don't like and can't attack on
the facts.

Jeff, now for your attack on the few alleged "facts" you purport to raise:

>What you need to know is that this scheme does not meet ANSI or IEEE
>specs,

Zero Surge has a UL 1449 rating: 330 volts peak let-through. This is the best
rating for UL 1449. UL uses ANSI and IEEE specifications to test products.

Jeff, you did an excellent job of identifying your company, its product line,
some of its various models and its marketplace. This is a real fact. I

wasn't
advertising in a newsgroup. You were. Fact.

Jeff, when you say that the inventor, "was literally laughed out of the conference," what was the name of that conference? When was it? Were you there?

For your information, Jeff, the inventor of serids mode technology, J. Rudy
Harford, has over 38 issued patents in the U.S. and 300 patents worldwide. Harford is a sought after speaker who recently read two papers at the National Power Quality '94 Conference in Dallas last September. His most recently published article appeared in the September 1994 issue of EMC Test
& Design magazine.

In addition, Harford is a member of the Underwriters Laboratories Industry Advisory Group for UL1449, a position reserved for acknowledged experts in the field.

Harford was named "Inventor of the Year" for the Series Mode invention in 1991 by the New Jersey Inventors Congress and Hall of Fame.

Jeff, are you telling me that the inventor, this one J. Rudy Harford was "literally laughed out of the conference?" I don't think so Jeff.

Sorry Jeff, but the author of the PC Magazine article apparently has no understanding of where common mode spikes originate. (He should read my article.) His emphasis on the old myth of common-mode protection isn't uncommon. Once people read my article they realize that on a dedicated branch circuit, common mode spikes are "caused" by parallel mode "protection" devices such as the MOV.

So in summary, a spammer is anyone that Jeff doesn't like, specifically a competitor. Jeff, I think if you'll check around, you'll find that you're way
off-base on the definition of spam.

And even if something were spammed (not the case here), it still has nothing
whatsoever to do with the product's quality or effectiveness.

Jeff, you'll also note that I said absolutely nothing disparaging about your
company. That was never the point except with you. In my article I did expose
the facts behind parallel mode surge suppression. This article has been read
by thousands of people, many of whom are engineers. It's been published in several local PC journals (I'm looking at the St. Louis one) and many ham radio newsleters. I have gotten hundreds of compliments from engineers about
this article. It's rare that a week doesn't go by without someone asking

permission to reprint it in a newsletter.

Jeff, you may not be aware of this, but many technical articles are written
by engineers of manufacturers. Is this considered advertising? Absolutely not. Does it generate sales for their companies? Absolutely yes. It's been this way for centuries. And you're the first to ever call this "spamming."

One last point about series mode protection, Jeff. The largest manufacturer
of surge protectors in the world, American Power Conversion, stated in writing, "The best type of surge suppressor uses a 'series' or isolating design." Jeff, I'm looking at it right now so don't tell me they didn't print it.

I've gotten less than 5 people whining about my article. And all their questions were answered by me by private email since they contacted me by private email. Sorry Jeff, you're out-voted, and by people that know the facts.

Perhaps in the future you will respond by private email before sticking your
foot in your mouth. If you had, I would have discussed the facts with you by
private email too. Then your hidden agenda, unscrupulous tactics, and blatant advertising for your own products on a newsgroup wouldn't have been exposed for all to see.

The only reason the name Zero Surge is mentioned in this letter is because you brought it up and you openly disparaged it within this newsgroup.

Jeff, the president of your company, Mr. Rocky Kansal, has been notified by
fax about your unsubstantiated and disparaging statements. Good luck.

Lydia Polk
A Georgia Housewife

3575. Re: 1x2 & 2x1 Calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 15:34:12 UTC
From: tigger@prairienet.org
Message-ID: <3keuhk$7p3@vixen.cso.uiuc.edu>
Source record: 250570

In a previous article, bob@raddev.com (Bob Levine) says:

>I posted an article last week offering listings of the
>available 1x2 and 2x1 calls in any district.

As a sidenote, I took Bob up on his offer, and had a turnaround time of
less than a week.

Thanks, Bob!

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/294 cfmd
Updated: 13 March 1995 Latest New One: ZL9GD
I PROUDLY support congressional funding for Public Broadcasting!

3576. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 15:35:31 UTC
From: drted@ix.netcom.com
Message-ID: <3keuk3$rs8@ixnews2.ix.netcom.com>
Source record: 250571

In <D5LG6D.628@info.bris.ac.uk> chris@bris.ac.uk (Chris Railton) writes:

>
>Jeffrey Wittich (jwittich@b4pph107.bnr.ca) wrote:
>> In article <D5IDAo.Hp8@vcd.hp.com>, dmunroe@vcd.hp.com (Jordan
Peugeot) writes:
>> |> Could someone explain what the appeal is in contesting? I realize
that
>> |> people have differing ideas of what is fun, but, if contesting is
what
>> |> I think it is, spending an entire weekend making thousands of
extremely
>> |> brief contacts not only sounds boring, but also seems to be an
incredible
>> |> abuse of the spectrum. Wouldn't it be more enjoyable to use the
time to
>> |> have real QSO's and possibly make new friends in the process?
>> |>
>> |> -Dave
>
>
>
>I must say that more often than not if I tune around 14MHz at a weekend
there
>is nothing else but people shouting "contest", usually with no regard
for
>other operators such as SSTV on 14230. It makes the band unusable for
anything
>else too often. Why not have a contest free zone on each band where
other
>interests can be indulged?
>
>Chris
>73
>
>
>

I am not even a ham, yet. And I should know better than to lodge my nose in a vise over an issue like this. Still, one of the central reasons for gov'ts to allow amateur operators is to insure a knowledgable force of radio operators in case of war or other national emergency. Ham contesting goes a long way in training operators to most effeciently build, maintain and operate a good station under frantic conditions. I personaly feel that this is a good thing. Others may

place it differently on their "Patriotism to Paranoia Nomograph."
--
Bye... Ted..
Deep in the Heart of the Armpits of Houston, Texas...

3577. 2M thru-glass antenna recommendations/results?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 15:43:18 UTC
From: bruces@mpd.tandem.com
Message-ID: <1995Mar18.154318.17700@integrity.uucp>
Source record: 250478

I've been using a mag-mount Hustler antenna for some time, but find it inconvenient to remove it every time I want to pull in the garage. Also, (standard gripe #2!), it's starting to mark up the paint on the top of the car (Taurus wagon). I'm looking at using one of the thru-glass 2M antennas, running ~ 25W.

Can anyone give me some recomendations/results about some of the 2M thru-glass antennas. I realize they're not as efficient as some of the better 5/8w antennas, but we've got pretty good coverage for the repeaters down here in Austin.

Any info would be appreciated. Please respond to any of the addresses below. If I get sufficient response, I'll post a summary.

THanks

--
| Bruce Sawtelle AX.25 : W3NJ @ W5SYT.TX.USA.NA |
| Tandem Computers, Inc. Internet : bruces @ mpd.tandem.com |
| 14231 Tandem Blvd. USENET : halley!bruces |
| Austin, Tx 78728 TCP/IP : 44.76.1.42 (w3nj.ampr.org) |

3578. For Sale: Kenwood TH28A HT's

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 16:05:01 UTC
From: FULLER@UWSTOUT.EDU
Message-ID: <01HOA00E4T8Y0098P7@UWSTOUT.EDU>
Source record: 250572

For Sale: 2 each - Kenwood TH-28A, Micro Handhelds, TX 144MHZ, RX 144/440 MHZ plus Aircraft Band. Alphanumeric memory, Alphanumeric message paging, 40 multi-function memory channels, Tone alert, Cloning capable, plus many other features. Extra battery included with each HT. New, in the box!
$250.00 each. Contact: Jon @ 715-235-4884.

3579. TVI Anecdote

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 16:08:59 UTC
From: NEEDHAME@ZIAVMS.ENMU.EDU
Message-ID: <950318090859.6457@ZIAVMS.ENMU.EDU>
Source record: 250573

I thought you guys might get a kick out of this -- I lived in
Louisiana about fifteen years ago, when I first earned my ticket.

Well, I put up a dipole in the backyard, but I didn't runa ny coax
to it. (The coax was on order.)
Anyway, one of the TV stations went way down in power due to a light-
ning strike, and I immediately got three calls telling me that I was causing
TVI! Still with no coax to the antenna...

73
KD5XB
Earl Needham
NeedhamE@ZIAVMS.ENMU.EDU

Mow at Cannon AFB, NM

3580. learning cw (text in clea

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 16:09:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <6e.13571.332@cencore.com>
Source record: 250492

References: <199503160725.XAA27979@UCSD.EDU>

TS> I just failed my 12wpm (german)cw (HF upgrade)exam. I have no
TS> problems copying random characters (grouped by 5) but with text in
TS> clear I loose the line much faster, maybe by trying to make sense
TS> out of the text just written or by guessing the next characters of
TS> the current word.

Theo,
Your experience is typical and it follows your initial CW learning
when you probably were counting dots and dashes in order to
learn the letter or number.

A good way to learn to copy language is to begin to recognize
the sound of short common words as an entity. In English,
examples are THE, BUT, AND, FOR, WITH, to name a few. I would
guess that in German such words as UND MIT ODER HIER DAS VOR DIE
ABER SEIN ICH KANN would be similar examples. You will find that
as you recognize these as words instead of their letters, the
longer words are then easier to copy behind because you have
formed the habit of copying behind with the short connecting words.

--k2bt

* RM 1.3 02583 * Sein oder Nichtsein, das ist hier die Frage:

3581. Re: ### Looking for: "Ham related" clipart (on the net?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 16:12:38 UTC
From: afn01079@freenet3.freenet.ufl.edu
Message-ID: <3kf0pm$b2n@freenet3.freenet.ufl.edu>
Source record: 250574

In article <3jj763$qv1@nova.np.ac.sg>, s2202629@np.ac.sg (Teh Aik Wen) wrote:
>Say, does anyone know where I can find a ftp site which has some (plenty??)
>of clipart that is Amateur Radio 'related'?

CI$ has plenty

73...John, ke4rrg
--

3582. Re: Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 16:12:43 UTC
From: afn01079@freenet3.freenet.ufl.edu
Message-ID: <3kf0pr$183i@freenet3.freenet.ufl.edu>
Source record: 250575
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

>Most of what you have heard is correct. One minute of solid copy is an
>automatic pass. So at 5 WPM, 25 correct characters in a row is a pass.
>The other way to pass is to answer 7 or more of a 10 question test. Some

My experience is slightly different. For my 5wpm there was no option for questions. Had to get 25 straight correct. Took my 13wpm twice. First time was fill in the blank, 2nd time was multiple choice...& was luck enough to get 10 of 10.

It was great to pass, and for me not easy. That is i worked/practiced pretty hard at it. For those with a more natural ear for cw, god bless em. Now where's that advanced study pool...:)

73...John, ke4rrg
--

3583. Radio Shack 2m HTs Conf: (22) recradioam

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 16:39:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950318100053290@digcir.cts.com>
Source record: 250483

BM>Anybody have any thing to report about the Radio Shack
>2m handhelds? Good, bad, indifferent, etc? I'm
>contemplating a low-end (not much $$) purchase.
Bruce, I have a htx404 and my dad has a 202 we have had them for over
one year... we have no complaints, the only complaint I have heard is
that there is a very tight reciever (no out of band reception) this
does'nt bother me but apparently does bother others! my understanding is
this condition is not modifible either. this gives the radio very good
intermod rejection which is why they designed it like this. one last
comment,icom ht batterys work on these radios and so does the icom
speakermike
73's
EJ!

* OLX 2.1 TD * All wiyht. Rho sritched mg kegtops awound?

3584. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 17:43:05 UTC
From: obrienaj@news.epix.net
Message-ID: <3kf639$gi3@grape.epix.net>
Source record: 250577

Robert Reed (HWDX09A@prodigy.com) wrote:
: The following was printed in the March 1, 1995 issue of the W5YI Report
: and is a very interesting responce to K1MAN on the ongoing interference
: complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.

I wonder if the letter from Greenspan was legitimate? It seemed very to
be a poorly written document, not at all professional.

I do not find the "attitude refreshing" either. The culprit may be an
annoying person but Greenspan can not seriously expect us to believe that
one can lose a license simply for being annoying (writing stupid
letters!).

One cannot lose the license for not being a "good citizen", the FCC will
take the license for breaking laws!

-- Andrew J. O'Brien (obrienaj@epix.net)
KB2EOQ.

3585. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 18:47:26 UTC
From: R0264@info.onet.edu
Message-ID: <17365C1F1S86.R0264@info.onet.edu>
Source record: 250480

In article <3k8hld$2e7@rouge.usl.edu>
pws8157@ucs.usl.edu (Soileau Patrick W) writes:

>
>In article <D5Gx8I.Ev9@iglou.com>, Greg Law <gregl@iglou.com> wrote:
>
>>..... I've also learned quite a bit by reading -- LOTS of
>>reading. But, I do have an advantage. I don't study the answers to the
>>questions. I want to know WHY the answer is correct and the only way to
>>do that is to study the underlying principles. ....
>
>I couldn't agree with you more, Greg. Last summer I studied to take the
>General Radiotelephone Operator commercial license exam. W5YI had two books
>out on the subject, one was just a question pool. The other book had the
>question pool, with explanations following the correct answer. I think that
>I learned a lot more that way than if I had merely memorized q&a's....
>
>73 de ka5nmn
>pat
Seconded, and seconded again! When I ran across a question on Thevinen's
theorem in stdying for one of the exams, I could not stand to just memorize
the answer. In fact, I was not satisfied that I really understood it,.
until I proved it for myself. It took a while, but the proof turned out
to be rather simple. My study materials did not include a proof.
-- Phil Emerson, AA8JO.

3586. help

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 19:09:00 UTC
From: c.buenger@proline.gun.DE
Message-ID: <5i4ybWEi2rB@pro-041.proline.gun.de>
Source record: 250479

```
help
quit

InterNet: C.BUENGER@PROLINE.GUN.DE
```

3587. Re: How to start a Holocost that never happened

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 19:35:03 UTC
From: w9sz@prairienet.org
Message-ID: <3kfcl7$6t4@vixen.cso.uiuc.edu>
Source record: 250481

In a previous article, russ.wuertz@spacecoast-bbs.com (RUSS WUERTZ) says:

>
> People are commenting on how un-controllable the start of WWII was
>for both Germany and the United States.
>
> Techneques used to provoke a war are the use of radio waves to
>broadcast "sounds" and to follow people and events just like CNN does,
>but they do not stop until a war starts.
>
>
> Juvilile delinquents and Ayrens are blamed and a techneque that
>broadcasting uses to follow "turf" wars and Blonde and Brunett problems
>are played up.
>
> Mass parinoia and people starting to get MADD and run around
>with red ribbons is surely the start. Robbing peoples thoughts and
>over survailance and sexual harrassment.
>
> A Blonde biker gang and a Brunette biker gangs wars about
>Robbing thoughts and telepathy is the start of World Wars. The blondes
>are supposed to be following the brunettes and the brunettes killthem.
>

I don't get it! What's this all about? What am I missing?!?!

Zack W9SZ

3588. Advice to TS 940 owners

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 19:44:51 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <14875.795555804@safety.ics.uci.edu>
Source record: 250482
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Just finished my Fan project here on my 940. IF your fan is getting loud and is old, I might recommend a replacement motor (pretty easy installation) or at least a good single drop of teflon lubricant to the shaft. If it is old, I recommend replacement ($27 from Pacific Coast Parts) since mine just "stopped" without warning and since there is a thermal switch, I didn't know whether it was off because the power supply was not yet hot or if the fan was broken. Well, the motor just wasn't spinning up. Result: two shot pass transistors on the power supply and some down time and concern about my radio. The transistors are not expensive (well, if you have Kenwood do it they are more than double the going price, but $12 apiece for two of them is not a killer), but the heat generated can do other damage.

The other thing I have done to prevent future problems is to put a resistor in the thermister line to keep the fan running on low speed at all times. That way the power supply stays within a narrower temperature range for more of the time, AND I will KNOW if the fan circuit has a problem, since I won't hear the fan at all. This little mod was courtesy Tom, K2CZ, and involves a 2.2 K 1/2 watt resistor across the leads of plug 13 on the AVR board. (ONLY do this if you have some solid electronic knowledge and basic understanding of the radio, PLEASE! Don't hurt your radio or yourself!)

Clark
.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

3589. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 20:00:15 UTC
From: abraun@alb.med.itc.com
Message-ID: <95031872015@alb.med.itc.com>
Source record: 250512

In Article <D5IDAo.Hp8@vcd.hp.com>
dmunroe@vcd.hp.com (Jordan Peugeot) writes:

> Could someone explain what the appeal is in contesting? I realize that
(stuff deleted)
>
> Yet, I'm amazed at how popular contesting seems to be -- or at least that's
> the impression I get from the latest CQ. I'm even more amazed that amateurs
> in other countries have gotten hooked on this.
>
Dave - contesting is an addiction like many others...it grows on you slowly the more you do it. I got started in contesting since I'm a DXer and found that one could work many countries very quickly in a contest. I stumbled across the CQ Worldwide phone contest one year shortly after I'd upgraded from novice to advanced, not knowing what it was, and was amazed at how much DX there was to be had. Yea, it seemed stupid to spend time trying to work people and say nothing more than "59-04 thanks" before moving on to the next one. But the idea that I could work about 20 new countries in just a few hours was real appealing to me since I was already working on DXCC at the time.

I moved on to domestic contests (e.g. the sweepstakes), partly as a tool to complete Worked All States and partly to increase my code speed so I could pass my extra (and get access to all the juicy DX that hangs out in the extra-only band segments!) As time went on, the competitive aspect of it started to grow on me, not to mention the fact that contesting taught me pile-up breaking skills that transferred well to chasing DX, which is still my first love in ham radio.

So for me it started off being a tool to accomplish some specific goals and grew into something more - kind of like a lot of people who spend endless hours hanging out on the Internet, I think! Different people I'm sure could tell you different stories, but that's how it was for me. Hopefully this answers your question. 73 - Alan NS0B

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3590. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 20:16:10 UTC
From: Barrie Britton <bbritton@prolit.llu.edu>
Message-ID: <Pine.BSI.3.91.950318120805.4243B-100000@prolit.llu.edu>
Source record: 250484

On Fri, 17 Mar 1995, Sandy Lynch wrote:

>
> Well..... just another further point here. My car was stolen ....
> not because of the plates to be sure ... BUT .... the CA DMV told me
> that my callsign plates would not be re-issued for 5 years as a result...
> obviously because the police wouldn't be able to tell immediately if
> my new car is stolen ... the license plates stolen... etc.
>

Does this mean that it takes the DMV bureaucrats five years to remove a stolen car listing from the computer? If so, I want some of my California tax money back--it's clear that I haven't been getting all the government that I pay for!

73 de Barrie, k0wwg/6

3591. "VK" Stations HELP Please!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 20:25:15 UTC
From: BRUCE268@news.delphi.com
Message-ID: <3kffjb$7u@news2.delphi.com>
Source record: 250485

I will be running an amateur radio demo for 6th grade students of geography and science at Georgetown Middle School in Georgetown, Ky. on Monday March 20 from around 8AM to 3PM EST. The students are in the middle of their unit on Australia and would very much like to hear someone from there "live" via shortwave, which they have learned is still used alot in the "outback". So, if there are any OP's who could help me out it would be much appreciated, especally by the students. I will be operating mainly in the lower part of the general class SSB subband of 20 meters and my call is WA4JAV. If you know you can attempt to contact us, and time permits, please reply via e-mail so I know what callsign to listen for. Thanks in advance for any help, and with the poor band conditions I'll need all the help I can get. HI.
73, Bruce.

3592. Help newbie - shaun.txt [1/1]

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 20:32:49 UTC
From: darrylo@iaccess.za
Message-ID: <3kfg1h$sq4@cstatd.cstat.co.za>
Source record: 250486

Hi All

I want to jump onto the HAM bandwagon.
I read the faq and I think I want to get into packet radio.
What I mainly want to do is chat with, or send data, to a specific person
in my own area (I think this can be done). Later on I can broaden my
horizens.

Can someone please help me (possibly elmer?).
I need specific help as to what to do and how to do it. Please mail
all your contributions to the following address and not in this
conference as I am using a friends account to post this.

shaun.boshoff@friendly.alt.za

Thanks in advance
Shaun

3593. Re:Info nedded on standard c528 mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 21:17:21 UTC
From: matthewa@icebox.iceonline.com
Message-ID: <D5nn74.B91@iceonline.com>
Source record: 250489

>I have I list of way yo extemp the rx/tx on the standard radio. The way
>my list tells me is be typing a series on keys to get the radio extended.
>Is this true or is it a joke!!! Please help
>

It's for real. Most Standard hand-helds use key pad mods.

Wideband RX: Reset, VHF, F+0, F+D, PTT, UHF, F+L, F+0, F+B, F+L, F+3, PTT
Wideband TX: VHF, F+6, PTT, F+8, F+8, F+7, F+7, F+C, rotate down 1,

--
Matthew Asham, VE7CQJ -= Team OS/2 =-
Internet: matthewa@iceonline.com
URL: http://www.iceonline.com/home/matthewa/WWW/matthewa.html
"Windoze95 - Microsoft's *NEW* 32bit virus, that requires DOS"

3594. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 21:46:30 UTC
From: acsrds@myhost.subdomain.domain
Message-ID: <3kfkbm$ir7@mark.ucdavis.edu>
Source record: 250487

Barrie Britton (bbritton@prolit.llu.edu) wrote:

: Does this mean that it takes the DMV bureaucrats five years to remove a
: stolen car listing from the computer? If so, I want some of my California
: tax money back--it's clear that I haven't been getting all the government
: that I pay for!

Would you rather not get your stolen car back because they pulled it out
of the system too fast?

3595. Anyone tried MSCAN?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 21:47:41 UTC
From: eengel@eskimo.com
Message-ID: <D5noJ4.JCI@eskimo.com>
Source record: 250488
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Has anyone tried a SSTV program called MSCAN20P and know where to find it on the INet? Thanks.

73 de Ed Engel N7UQZ
eengel@eskimo.com

3596. N9US Special Event QSL's

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 22:25:49 UTC
From: donbonds@aol.com
Message-ID: <3kfmld$g9a@newsbf02.news.aol.com>
Source record: 250490

N9US Special Event Station
Naval Air Station Glenview
"Last Flight Out"
February 25-26,1995

Thanks to all of you who made contact with the N9US Special Event Station at the end of February. We made close to 1,400 contacts, using CW, SSB, FM simplex, 2M packet, RTTY, SSTV, and FSTV. All bands from 160 meters to 440Mhz were covered. Fifty operators from Lake County RACES/ARES and the North Shore Radio Club helped out it pulling this off.

The sad part of the whole event was to see the last three Navy Orion P-3 planes take off, never again to touch down at NAS Glenview. Many of you indicated you were former Navy, having been at NAS Glenview in the past.

Our thanks to Capt. James Schultz, USNR, Commanding Officer, NAS Glenview. Without his help and efforts, the special event would not have taken place. By the way Capt. Schultz is WH6AFV and you may have worked him.

If you have not done so yet, please send us your QSL card and SASE (9x12) for your special event certificate. They are printed and await for you.

Send your QSL and a self addressed, stamped envelope 9 x 12 to:

Lake County RACES/ARES Group
1303 North Milwaukee Ave
Libertyville, IL 60048

We would appreciate receiving them as soon as possible. As of today (3/38/95), we have only received QSLs for about 450 certificates. So there is a lot more out there to come.

Again thanks to all you out there. Because with out the hams making the contacts with us working the event, it would not happen.

73's Don N9IHW ** N9US Special Event Chairman

3597. RAC NEWS BULLETIN 03-95 - INTERNET EDITION

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 22:31:26 UTC
From: Steve Cutway VE3GRS <CUTWAYS@QUCDN.QUEENSU.CA>
Message-ID: <199503182239.PAA26382@news.primenet.com>
Source record: 250522
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB RAC @ CANADA < VA3RAC $RAC_9503.18
RAC NEWS BULLETIN 03-95 INTERNET EDITION - 18 MARCH 1995
Issued at RAC Administrative Office
614 nNorris Court, Unit 6
Kingston, ON K7P 2R9
Editor: Cam Inglis VE3UXN <CAMERON.INGLIS@GTM-INC.COM>
Internet Transmission: Steve Cutway VE3GRS <CUTWAYS@QUCDN.QUEENSU.CA>

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RAC AWARDS MANAGER APPOINTED

Dave Goodwin VE2ZP/VE9CB
RAC HF Contest Manager

Russ Wilson VE6VK, of Calgary, has been appointed RAC Awards Manager. An active awards hunter and Dxer, Russ is well-known worldwide for his IOTA (Islands on the Air) activities and for the past several years has resurrected and administered the Calgary Stampede Award, which attracts applications from around the world. Russ succeeds former Awards Manager, the late Bill Butterill VE3MNW, of Kingston.

"Honouring our achievers is a vital process of recognizing and rewarding our fellow amateurs for their contributions and accomplishments, both at home and abroad," said RAC President Farrell Hopwood VE7RD, in announcing the appointment.

The RAC awards program comes under the direction of RAC 1st VP, Tim Ellam VE6SH.

NEW SPONSORS FOR TROPHIES IN RAC CONTESTS
Dave Goodwin VE2ZP/VE9CB
RAC HF Contest Manager

Four Canadian businesses have stepped forward to sponsor plaques in RAC's two annual contests, the Canada Day Contest and the Canada Winter Contest. Atlantic Ham Radio of Downsview, ON will sponsor the plaque for the top-scoring Single Operator entry. Durham Radio Sales and Service of Oshawa, ON will sponsor the plaque for the top-scoring Single Operator Low Power entry. H.C.MacFarlane Electronics of Battersea, ON will sponsor the plaque for the top-scoring Single Band entrant. NORHAM Radio of Toronto, ON will sponsor the plaque for the top multi-op entrant. These sponsorships are for both of RAC's annual contests from 1995 through 1997.

They join Alan Goodacre VE3HX/VE2AEJ, who sponsors a trophy for the top foreign entrant in each RAC Contest. Thanks to all for their confidence in RAC and their support of our contests.

UPCOMING IN APRIL TCA
Rob Ludlow, VE3YE
Editor, The Canadian Amateur

The April issue of The Canadian Amateur features articles on a Dxpedition to St. Paul Island North by the West Island Club of Montreal last summer, a feature on the Renfrew County ARC operation at the International Ploughing Match last fall and complete Canadian 1994 Field Day results.

This month there are also EMC updates, RAC Election results, an enhanced and more detailed HF propagation forecast page, Larry Joe resumes his informative monthly column on Packet Radio, and there are two full pages listing coming events, fleamarkets and hamfests in your area over the next six months.

All this, plus the usual extensive selection of letters, Silent Keys, regular columns, contest and DX reports, Club Corner news, YL News, QUA, ARES, Public Service, Section News, This Month in History, bench and homebrewing tips, shortwave listening, and the Swap Shop - all in the April issue of The Canadian Amateur, coming to your mailbox soon.

LONDON EMERGENCY RESPONSE RESOURCE DISPLAY IN APRIL
Dave Colvin VE3ZDC
District Emergency Coordinator, London and Surrounding Counties

The Amateur Radio Emergency Service for London & Surrounding Counties invites you to "Partners in Response '95", a display of Emergency Response Resources from the London Region. Last year's successful event attracted over 20 agencies with more than 30 vehicles on display.

This year's display is planned for Friday and Saturday, April 7 and 8, at the London Transit Headquarters, Highbury Avenue and Brydges Street.

Friday evening is participant preview night. Saturday's open house runs from 9 a.m. to 6 p.m.

Talkin will be on the VE3OME repeater 145.450, with backup on the VE3MGI repeater, 145.390.

Confirmed participants include: London Police Force, Ontario Provincial Police, London and Chatham Fire Departments, Ministry of Health - Ambulance Communications, St. John Ambulance, Canadian Red Cross, Industry Canada - Communications, Sarnia/Lambton Amateur Communications Bus, Emergency Measures Ontario, Environment Canada, London Air Patrol Inc., Civil Air Rescue Emergency Service - Niagara, Civil Air Search and Rescue Association, Canadian Coast Guard, Canadian Marine Rescue Auxiliary, 424 Search & Rescue Squadron/RCC Trenton, National Search & Rescue Secretariat, Emergency Management Mutual Aid Council, CAER - Community Awareness Emergency Response, Bell Canada, Dow Chemical, University of Western Ontario, Victoria Hospital, CN Rail, and Union Gas. Many others are expected.

Special Interest groups confirmed include: London Transit Historical Society, Amateur Television, Computer Based Packet Ham Radio and World-Wide HF Station.

RED DEER 25TH ANNIVERSARY HAMFEST AND PICNIC

After 24 very successful and enjoyable Red Deer Picnics, organizers hope you will attend this special 25th anniversary at the Burbank Park Campground Northeast of Red Deer, June 15 - 18. Registration will begin on Thursday evening June 15.

This beautiful riverside campground is set in mature trees and features a modern rustic log multipurpose hall. The campground is located just a few minutes north of the city of Red Deer on Highway #2A to the junction of Highway #597. Follow the signs East to campsite. Call in on 147.150 repeater or simplex 146.520.

Here is what to expect:

- Lots of activities, fun, food, and raffles!
- Special events station
- Lots of goodies at flea-market on Saturday
- Hospitality hour starts 7:00 p.m. Friday
- Free radio service and tune up clinic
- Ladies fashion show
- Dealer displays and sales
- Kids games and activities
- Golf tournament Saturday June 17 at Spruce Ridge Golf and Country Club beginning at 7:30 a.m. For golf registration, contact Brian VE6JPW, (403) 346-6305 (after 6:00p.m.), in Red Deer, or leave a packet message with Bob VE6BLD, at VE6BLD@VE6RDR.AB.CAN.NA.

Picnic Prices as follows:

-$ 25.00 per family unit camping fee for the weekend
- private stall, additional $20.00 for the weekend
- $6.00 Saturday evening barbecue with dance to follow
- $3.00 Children under 12 yrs, Saturday evening barbecue
- $10.00 per weekend pass with no camping

- $6.00 per day pass with no camping

For further information, contact: Jim VE6QA, (403) 346-9261 Red Deer, or Bob VE6BLD (403) 782-3438 Lacombe, packet VE6BLD @ VE6RDR.AB.CAN.NA.

UpcomiNG EVENTS WE'VE HEARD ABOUT

March 25. The Upper Canada Amateur Radio Friends are hosting a hamfest at Nativity Hall, 301 McConnell Ave., Cornwall, Ont., beginning at 8 a.m. General admission is $3. For more information, contact Marc Tessier VE3TES, (613) 936-0096. Reach Marc on packet at VE3TES @ VE3MTA.

March 25. The Ontario DX Association fleamarket begins at 9 a.m. at the Trinity Presbyterian Church Hall, 2737 Bayview Avenue, Willowdale. The church is located on the east side of Bayview one light south of Hwy 401. For more information, contact John Grimley VE3RTI.

March 27. Auction Night sponsored by the Scarborough ARC, at Sir William Osler High School, 1050 Huntingwood Drive (just west of Midland). The activities begin at 8 p.m.

April 1. CRA Laval Laurentides at Polyvalente Ste-Therese High School, 401 Du Domaine Blvd., Ste-Therese, PQ.

April 8. Durham Region AR Fleamarket. Metro East Convention Centre, Brock Road, Pickering, Ont. Brock Road is located between Hwy 401 and Hwy 2. Exit Hwy 401 at interchange 399.

April 8. Brownsburg ARC hamfest at Club Sportif Bertrand, 416 Route 148, St. Phillippe, Quebec. For more information, contact Roy VE2GAO (514) 479-6508, or Fred VE2FED, (514) 562-4745.

April 28, 29, 30. Dayton Hamvention '95. At the Ara Arena, Dayton, Ohio.

HOW AMATEURS ARE TREATED IN CANADA
Early days of wireless. Here's a contribution by 'A Canadian Amateur' to the pages of Modern Electrics, January, 1913. Thanks to VE4AG for this item which was recently found on packet.

The American Government has at last passed a law governing amateur installations. Previous issues of this magazine contain the particulars which need not be repeated here. In short, they are few, simple, fair to all, and very lenient as compared with those across the line.

The Canadian Government regards the amateur in a very different manner. His restrictions are numerous, and he is not recognized unless he has paid his license fee, which is, at the present time, one dollar. In obtaining the license, he submits himself to many petty rules and regulations, several of which are nothing less than the proverbial "red tape". After the license comes a "declaration of secrecy", which must be filled out. The notary's charge for this is usually a dollar.

Now let us consider the amateurs' treatment prior to 1912, when licenses were not granted. Any amateur, wishing the protection of the law, had to apply to the Superintendent of the Government Wireless for permission. In answer to his application came a lengthy form requiring a detailed account of his station, to whom he had intentions of speaking, the object of the installation, and numerous other questions along the same line. Upon return of the blanks, permission to install and operate the station was granted. It restricted the wavelength to fifty meters and the power absorbed by the primary of the transmitter to 1/4 kw. On hearing the signal STP from a commercial or ship station, he was required to suspend operations until advice came to cancel the signal. Referring to this signal, I may say that from 1909 to 1912 there was not one operator on the trans-Atlantic liners which docked at Montreal who was aware that such a signal existed, nor was the operator at the Marconi station any wiser.

We shall now take up the terms of a Canadian Amateur License.

(1) He is not to establish, install or operate any wireless station except that which comes under his license;

(2) The apparatus must be used solely for experimental purposes;

(3) The power absorbed by the primary of the coil or transformer must not exceed 1/2 kw;

(4) His wave-length must not exceed fifty meters;

(5) His apparatus must not interfere with the operation of any station in Canada or ship station in Canadian or neighbouring waters;

(6) The Minister of the Naval Service may, at any time, cancel his license; this cancellation comes into force one calendar month after notification;

(7) He must stop all transmitting if he perceives by his instruments that ship stations are operating, and not start again until the signalling has ceased;

(8) If an amateur station is found to interfere with the operation of commercial stations, the license may be at any time cancelled. (At the present time there is receiving apparatus in Canadian Marconi stations, by means of which it is absolutely impossible to tell the difference between a 200 and a 600 meter wave. I refer particularly to the 5 kw. Marconi station at Montreal. This being the case, it is very easy for an amateur to "jam" a station of a similar type and thus lose his license if complained of by the operator at the station.)

(9) Then there is a clause relating to the secrecy of intercepted messages;

(10) Stations, at reasonable times, shall be open for government inspection;

(11) The licensed apparatus must not interfere with the operation of telegraph lines;

(12) Upon the Minister's approval, the license may be assigned or sublet;

(13) If necessary, as might be in the case of war, the Minister may take possession of the licensed apparatus in the name of the King, and use it as may seem fit. Authorized persons may enter the station and remove or operate the apparatus;

(14) As a concluding clause, the breach, non-observance or non-performance of any of the rules and regulations may result in the permanent loss of the license.

VE5 CALLSIGN STATISTICS INDICATE GROWTH

The Saskatchewan Amateur Radio League QSO bulletin reports steady growth in provincial Amateur radio numbers for 1994. The province has a population of 1,006,800 and of that 1246 are hams. OM's outnumber YL's 992 to 119. There are 55 repeaters which is up two over the previous year. There are 23 clubs. In terms of sheer numbers, Saskatoon, Regina, Moose Jaw and Prince Albert have the greatest number of hams, about one-half of the provincial total. Smaller communities like Estevan, Humboldt, Melfort, Nipawin, North Battleford, Swift Current, Unity, Weyburn and Yorkton are all active in Amateur radio.

IARU REGION 2 DIRECTORS MEETING HELD IN FEBRUARY

Directors from Bermuda, Cayman Islands, Haiti, Jamaica, Mexico, Panama, Trinidad, US, Venezuela and Canada met in Miami in early February. The meeting was chaired by Canada's Tom Atkins VE3CDM, Region 2 VP. Farrell Hopwood VE7RD, RAC's President and IARU representative, also attended.

Matters relating to the overall administration of IARU were reported as proceeding satisfactorily. It was also reported that the Region 2 International Amateur Radio Permit is moving along at a good pace and that a vote is expected at the General Assembly of the OAG in Haiti this May which is expected to result in success for Region 2.

Farrell Hopwood reported to the group on the explosive growth of licensed Amateurs in Canada and on the growing strength and stability of RAC.

IARU President Dick Baldwin W1RU, reported on the Region 3 conference in Singapore. The IARU Secretariat's Administrative Council met while in Singapore and firmed up the goal of obtaining a full 3 Mhz of band for 40 metres on a world-wide allocation. According to Mr. Hopwood this will require a lot of lobbying with ITU member societies to make this happen.

Tom Atkins gave a comprehensive report on preparations for Niagara 95 meeting of the IARU. The committee for this conference is headed by George Spencer VE3AGS. Mr. Hopwood extended a warm invitation to all Region 2 member societies to come to Niagara Falls and enjoy the fellowship and preparations of the host society.

IARU Secretary Larry Price W4RA, said that with ITU WRC meetings now occurring every two years rather than every 10 to 15 years as had been the past experience, a very heavy burden is being placed on IARU volunteer resources and it is costing more to fund. He warned that IARU will have to examine the provision of full time employees to meet these new demands, if it

ever hopes to keep on top of events which have a bearing on Amateur radio frequencies and privileges. He said, "IARU is dealing with professionals in government and industry around the world, and there is a need to compete effectively in the management of international radiocommunication affairs if Amateur radio is to survive."

RAC ANNUAL GENERAL MEETING APRIL 23

The RAC Annual General Meeting will be held in Ottawa on April 23, 1995 at 1:30 p.m. at the Talisman Hotel on Carling Avenue, just off the Queensway. All RAC members are invited to attend and meet with the Board of Directors and Executive.

ITS TIME TO GET A NEW HOBBY, WHEN ...
From the August '94 IBM ARC of Boca Raton, Florida

You're talking on the phone with a ham buddy, and you end the conversation with, "KD1HZ clear." - Michael Deigan KD1HZ

You end a face-to-face conversation with "dit." - Paul Flaherty N9FZX

You spend two hours trying to crack a pile-up on 20 meters to work a KJ2 station who is portable in Manhattan.

Your spouse points out that all of your children were born during sunspot minimums. - Paul Valko WB8ZJL

You're enjoying a Saturday breakfast when, to interrupt conversation and ask for the salt, you say, "call please." - Dave Bushong KZ1O

The minute a caller on the phone identifies himself, you say, "You're 5 and 9 in Virginia." - Ben Cline AC4XO

You say things like "QSO' and "73" in casual, face-to-face conversations. - Mike White N4PDY

At the checkout counter you endorse your cheque with your callsign. - James Proctor KE3HO

Your spouse starts talking to you while you're on the phone, and you tell the person on the other end you're getting intermod. - Dave Bushong KZ1O

You tell people over the phone, "I'm at my work QTH." - Fred Davis VA3FD

You name your boat "Sea Cue." - W3OTC

ALARM SYSTEM FOR REPEATER SHACK

The Algoma ARC bulletin reports that their club has approved the installation of an alarm system at their repeater site. The system consists of a smoke and burglar alarm with a 24-hour monitoring to a central dispatch office. With the system, the club expects to see a small reduction in their insurance rates.

The system was made possible thanks to the generosity of a club member who happens to be in the alarm business.

TRIVIA

What country has the greatest number of hams? According to IARU figures, Japan has the most with 1,300,000 licensed operators. The US is second with an estimated 632,000 operators. Canada has more than 41,000, and world-wide there are an estimated 2,600,000 hams.

REPEATER TALES

The best way to keep a repeater on the air is not to talk about it too much! They seem to develop a personality and like their privacy. So says Ted VE3TED and Wayne VE3NK, writing in the Burlington ARC Printed Circuit.

They also encourage their club members to use the tone frequency on their 2m repeater for improved range. Their 440 machine will soon be tone activated as well to help eliminate interference. A modified cooling system for their power amplifier uses a thermally controlled switch to activate the fan.

THE UPCOMING G7 SUMMIT

During the month of June, the Halifax and Dartmouth ARC will operate special event stations CG7H and CG7D to commemorate the G7 Conference in Halifax. The stations will operate around the clock during the conference June 15, 16 and 17. The stations will be on the air on a daily basis throughout the month of June.

All HF bands, CW and SSB will be covered. A special QSL and Certificate will be issued. QSL to VE1FO, P.O. Box 663, Halifax, NS, B3J 2T3. Include postage, IRC or equivalent.

73 de VA3RAC Steve VE3GRS at the keyboard <CUTWAYS@QUCDN.QUEENSU.CA>

3598. Satellites Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 22:49:30 UTC
From: jneslade@charlie.usd.edu
Message-ID: <D5nrEK.9CD@sunfish.usd.edu>
Source record: 250497

Where can I get programs or information on where amateur radio satellites
are located in orbit. Or any orbit information. Appreciate any help. May
contact at WB0VBW (john). address is ok in call book or at email
73's

3599. IPS Daily Report - 18 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 23:17:47 UTC
From: rwc@ips.oz.au
Message-ID: <3kfpmr$lsb@flare.syd.ips.oz.au>
Source record: 250495
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 18/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 18 MARCH AND FORECAST FOR 19 MARCH - 21 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 92/37

GOES satellite data for 17 Mar
Daily Proton Fluence >1 MeV: 7.5E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 2.0E+09 (very high)
X-ray background: A6.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
19 Mar 20 Mar 21 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 19 Mar: 95/41

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 17 Mar
Learmonth 6 3222 1121
Fredericksburg 5 8
Planetary 5 10

Observed Kp for 17 Mar: 2332 3332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
19 Mar 5 Quiet
20 Mar 5 Quiet
21 Mar 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH

18 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
19 Mar normal normal normal
20 Mar normal normal normal
21 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
18 Mar 27 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
19 Mar 25 Near predicted monthly values
20 Mar 25 Near predicted monthly values
21 Mar 25 Near predicted monthly values
COMMENT: Observed Townsville frequencies: daylight enhancements.
Observed Hobart frequencies: near predicted monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3600. DOES BERMUDA HAVE 2 METERS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 23:37:00 UTC
From: waller@utkvx.utk.edu
Message-ID: <18MAR199518375991@utkvx.utk.edu>
Source record: 250494

I would like to know 1)if Bermuda has 2 Meter
activity; and 2)if so, is there reciprocal
licensing so no paperwork/notificaton is
needed?

Thanks and 73,
W4TZB

3601. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 23:41:18 UTC
From: HWDX09A@prodigy.com
Message-ID: <3kfr2u$siq@usenetw1.news.prodigy.com>
Source record: 250496

>I wonder if the letter from Greenspan was legitimate? It seemed very
to
>be a poorly written document, not at all professional.
>
>
>I do not find the "attitude refreshing" either. The culprit may be an
>annoying person but Greenspan can not seriously expect us to believe
that
>one can lose a license simply for being annoying (writing stupid
>letters!).
>
>One cannot lose the license for not being a "good citizen", the FCC will

>take the license for breaking laws!
>
>
> -- Andrew J. O'Brien (obrienaj@epix.net)
>

What you are missing is the fact that the letter is in responce
to an alligation that K1MAN has used the US Postal Service to
threaten people and may have falsely represented himself as
under the authority of a federal employee.

Apparently the letters sent to the Federal Attorney's in Maine
also shows some strange behavior.

K1MAN obviously must have some personality trait different
from many of us if he need to broadcast the material that he
does and in the manner he does.

I have always thought that he wishes he could be elected an ARRL
Director and have some important role in amateur radio as he
seems to be looking to make himself and IARN as important as the
ARRL is.

Unfortunately his heavily opinionated broadcasts with barely a
minimal factual informational basis clog up the airways.

73, Bob, WB2DIN

3602. Re: TVI Anecdote

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-18 23:59:04 UTC
From: markem@primenet.com
Message-ID: <markem.62.0017339F@primenet.com>
Source record: 250519

In article <950318090859.6457@ZIAVMS.ENMU.EDU> NEEDHAME@ZIAVMS.ENMU.EDU writes:
> ...
> Well, I put up a dipole in the backyard, but I didn't runa ny coax
>to it. (The coax was on order.)
> Anyway, one of the TV stations went way down in power due to a light-
>ning strike, and I immediately got three calls telling me that I was causing
>TVI! Still with no coax to the antenna...

When I was in high school in Pittsburgh I put up a dipole and within hours the
little old lady next door accused me of breaking her washing machine with my
radio.

I'm not making this up, folks...

73.... Mark AA7TA

3603. HELP!!!!! SCANNER ADVICE NEEDED!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 00:34:15 UTC
From: Hani_Zaki@brown.edu
Message-ID: <Hani_Zaki.67.007396A1@brown.edu>
Source record: 250175

Everybody here seems more qualified than I am, so I would appreciate any advice that can be passed along...

I am shopping around for a hand-held, continous band scanner. I've heard good things about the new AOR AR-8000 and the Yupiteru MVT7100.

Does anyone here have any recommendations? Which is better? Reliability of the AOR, etc? Also, what are good prices for this equipment (I just don't want to be taken). Any stores recommended??

Please respond via e-mail. Any info that is passed along will be greatly appreciated!!! Thanks!!

3604. Re: Re: Best of Net - Home Page (ie. squash K1MAN)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 00:37:43 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.160.0015962F@mindspring.com>
Source record: 250500

In article <D5Lz5C.172@news.hawaii.edu> jeffrey@math.hawaii.edu (NH6IL) writes:
>From: jeffrey@math.hawaii.edu (NH6IL)
>Subject: Re: Re: Best of Net - Home Page (ie. squash K1MAN)
>Date: Fri, 17 Mar 1995 23:41:36 GMT

>Gerald Schmitt <ggs@aerie.lanl.gov> writes:
>>
>>... I'm a bit
>>embarassed to admit that I am a ham.

>To whom? Other hams? Or to non-hams? Certainly 80M is not something
>the average non-ham will stop you on the street to discuss.

I am a bit embarrassed to admit you are a ham to if you allow amateur
radio to go the way of 11 meters.

3605. Re: WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 01:00:51 UTC
From: bob@raddev.com
Message-ID: <3kfvo3$el0@caesar.ultra.net>
Source record: 250499

In article <3kd3vq$np8@usenet.interramp.com>, pp000719@interramp.com
says...
>
>
>
>> In article <3jut70$le8@eldborg.rhi.hi.is>,
>> sveinnsv@rhi.hi.is says...
>> >
>> >Im looking for dedicated amateur WWW homepages. If
>> you or your club has one
>> >please email me. I will post a summary later.
>>
>> One that I like (In the Montreal area) is:
>>
>> http://www.cam.org/~dino/ham.html
>>
>> ---
>> Don Lafontaine (VE2UFO)
>> Canadian National Railways Montreal Quebec,
>> Canada
>> Telecom Engineering Email -
>> lafont02@godzilla.cn.ca
>>
>
Radio Devices has one with pointers to other interesting
radio related pages.

http://www.raddev.com/biz/raddev/

some product pictures, price list, order form in the works too.

--
==========
==========
Radio Devices email for complete cdrom or Ham catalog
32 Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
Marlboro, MA 01752 Linux,OS/2, MAC,Windows,Unix, CICA,SIMTEL
(508)480-0502 KD1GG Ramsey Kits, Antennas West, Power Station
========== Oak Hills Research QRP Kits,Anli Antennas
Master Card/VISA, Personal Checks, Money Orders gladly accepted
Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
==========

3606. Re: FCC 800 Info Line?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 01:19:24 UTC
From: kc7fqd@primenet.com
Message-ID: <3kg0sl$651@news.primenet.com>
Source record: 250520

davidm@news-server (David Mitchell) wrote:

>Can someone tell me the FCC's 800 number for early license info?
>Thanks

1-800-FCC-1117

--
|Dennis Rice kc7fqd@primenet.net |
|KC7FQD Packet: |
|Northern Arizona University KC7FQD@N7CEE.AZ.USA.NA |
|Flagstaff, AZ NAU Amatuer Radio Club |
|Check out my homepage at: http://www.primenet.com/~kc7fqd/|
--

3607. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 01:24:39 UTC
From: gaetan@magi.COM
Message-ID: <199503190124.UAA08326@magi.com>
Source record: 250498

```
subscribe info-ham Gaetan Marquis
```

3608. Re: NO CODE TECHS GETTING THE SHAFT ON LOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 02:06:32 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5o0Iw.DLL@news.hawaii.edu>
Source record: 250526

myers@Cypress.West.Sun.Com writes:

>jeffrey@math.hawaii.edu writes:

>>gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>>Passing a 5 WPM beeping test wouldn't have taught him
>>>a bit more about propagation than the exam he took.

>>Your bias against HF is showing again. Passing the 5wpm test
>>would have enabled him to get on the low bands and learn first
>>hand about propagation.

>C'mon, Jeff, your bias against anything Gary says and your
>bias in favor of CW are both evident in this statement.

You're correct, Dana. I'm biased against everything Gary says, including
his refering to HF hams as `postcard collectors' and contest `gamers',
and calling CW ops `brain-damaged'. He makes no apologies for his
biased opinions. Neither do I.

Jeff NH6IL

3609. Ham radio banned at San Diego Zoo ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 02:29:43 UTC
From: william@cortex.ama.ttuhsc.edu
Message-ID: <Pine.SUN.3.91.950318201533.22902A-100000@cortex>
Source record: 250501

Hello all,

I've just returned from a brief trip to San Diego. While there, my son (KC5JIE) and I toured the San Diego Wild Animal Park. We always travel with our 2m/70cm HT's in order to allow my son the ability to roam around on his own, yet still rendezvous for meals & going home.

This is particularly handy when going to a 'theme park' like the S D Wild Animal Park. This place is 1800 acres !

When we had just paid for our tickets, the sales clerk said we couldn't bring in our radios. When asked why, he stated that all radios were forbidden from the park, since THEY used radios at the park and didn't want any interference.

Not wanting to argue with someone who didn't know an HT from a CB, I asked if he would let us in as long as we didn't break any Federal laws. He saw no problem with that !

If this truly is the policy of the San Diego Zoo & Wild Animal Park, it seems to fly in the face of good public policy. During the same trip we enjoyed the use of the Disneyland 146.94 repeater ! Obviously D-land has orders of magnitude more radios than the zoo, yet they support a ham repeater !

I have no beef with the wishes of a property owner if they have a legitimate reason for not having any transmissions. Like... we are doing some blasting on that hill over there and don't want to set off the caps...or ... it will interfere with the animal locator, the bird show or whatever.

BUT .... they ought to have this at the front of the park in bold letters BEFORE you've bought your non - refundable tickets. BTW, they don't have the standard legaleze on the back of the ticket....just a blank computer generated piece of paper.

AND ..... if transmitting is so critical, then why does every Tom, Dick and Harry in a green jungle shirt seem to be carrying his/her own HT ?

Anybody from San Diego have any experience with this problem ? Is it an issue at the Balboa Park branch of the Zoo also ?

73's
Reddy Biggs

==
| | |
| William C. Biggs , M.D. | william@cortex.ama.ttuhsc.edu |

1900 South Coulter Drive	
Amarillo, Texas 79106	FCC Call: KC5JIF
==========

3610. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 03:15:14 UTC
From: marcbg@metronet.com
Message-ID: <marcbg-1803952115140001@net228.metronet.com>
Source record: 250502

In article <wday-1703950058410001@fw7.dfw.net>, wday@dfw.net (Wayne Day) wrote:
: Fred's a good ol' boy, but, ya know.. sometimes he comes up with the
: oddest of ideas. This is one of 'em that I hope gets put out to pasture
: real quick.

Ya' know, whenever Maia does something, I can't help thinking that there's
a profit motive behind it. Yet here, after reading the rulemaking (have
you READ it?) I am almost willing to believe he is doing this for the good
of amateur radio. He makes some very salient points, and I suggest that
if you haven't read the rulemaking, that you do so before you critisize
it.

--
Marc B. Grant
marcbg@metronet.com
Amateur Radio N5MEI

3611. Re: Ham radio banned at San Diego Zoo ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 04:13:18 UTC
From: vuckovic@interaccess
Message-ID: <3kgb0u$di4@nntp.interaccess.com>
Source record: 250383

Reddy Biggs (william@cortex.ama.ttuhsc.edu) wrote:
: Hello all,

: I've just returned from a brief trip to San Diego. While there, my son
: (KC5JIE) and I toured the San Diego Wild Animal Park. We always travel
: with our 2m/70cm HT's in order to allow my son the ability to roam around
: on his own, yet still rendezvous for meals & going home.

: This is particularly handy when going to a 'theme park' like the S D Wild
: Animal Park. This place is 1800 acres !

: When we had just paid for our tickets, the sales clerk said we couldn't
: bring in our radios. When asked why, he stated that all radios were
: forbidden from the park, since THEY used radios at the park and didn't
: want any interference.

: Not wanting to argue with someone who didn't know an HT from a CB, I
: asked if he would let us in as long as we didn't break any Federal laws.
: He saw no problem with that !

: If this truly is the policy of the San Diego Zoo & Wild Animal Park, it
: seems to fly in the face of good public policy. During the same trip we
: enjoyed the use of the Disneyland 146.94 repeater ! Obviously D-land has
: orders of magnitude more radios than the zoo, yet they support a ham
: repeater !

: I have no beef with the wishes of a property owner if they have a
: legitimate reason for not having any transmissions. Like... we are doing
: some blasting on that hill over there and don't want to set off the
: caps...or ... it will interfere with the animal locator, the bird show or
: whatever.

: BUT .... they ought to have this at the front of the park in bold
: letters BEFORE you've bought your non - refundable tickets. BTW, they
: don't have the standard legaleze on the back of the ticket....just a
: blank computer generated piece of paper.

: AND ..... if transmitting is so critical, then why does every Tom, Dick
: and Harry in a green jungle shirt seem to be carrying his/her own HT ?

: Anybody from San Diego have any experience with this problem ? Is it an
: issue at the Balboa Park branch of the Zoo also ?

: 73's
: Reddy Biggs

: ==
: | | |

: | William C. Biggs , M.D. | william@cortex.ama.ttuhsc.edu |
: | 1900 South Coulter Drive | |
: | Amarillo, Texas 79106 | FCC Call: KC5JIF |
: | | |
: ==========

Last summer I experienced the same problems on our REACT frequency at Six Flags Great America in Gurnee (Chicago)... My girlfriend and I were attempting to manage eight kids of varying ages and interests in a HUGE park... And they would not let us in with radios, after we bought the non-refundable tickets... And so, not being the one to be pushed aside easily, I requested to speak to the director of security and the director of guest relations... Low and behold, after some explaining about what I did, what frequencies we were using, and how they would not interefere with their communications, they let us in, provided that we used our earphones (to not bother other 'guests') I know... You have a federal license to do what you are doing, but hey! This is private property, owned by a gazillion dollar corporation, and all rules are null and void here! Good luck next time, and don't be so easily intimidated!

George...

--

Owner, Weniger Lighting Systems | George Vuckovic |
Director, Emergency Response Medical Services | vuckovic@interaccess.com |
EMS, Security, Communications |__My_Opinions_Are_My_Own__|
Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation
---

3612. Re: NOVELL Netware 3.12 Certification

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 04:24:11 UTC
From: dbacom@ix.netcom.com
Message-ID: <3kgblb$crg@ixnews2.ix.netcom.com>
Source record: 250503

In <mqq52c1w165w@nxprs.uucp> wwivhub!nxprs!bear@slic.cts.com (Killebrew) writes:

>
>Is anyone familiar with the process to become certified as a CNE on
>Netware 3.12??
>
>The Bear

To become a Certified NetWare Engineer, you must take and pass a series of exams. The course material can be taken by attending several classes or by getting book material and studying it. Most CNEs take & pass seven exams, but the number of exams depends upon which elective courses you take, along with the core requirements.

The BEST way to get information about the requirements is to call Novell's FAXBack line. I believe the number is 1-800-NETWARE (but I could be wrong).

The tests are administered by Drake Testing, and cost $85 each - pass or not. Drake has many testing sites throughout the country - call 1-800-REDEXAM.

Once you have your CNA, CNE, ECNE or CNI, you are subject to future test in order to keep your certification.

Dave Bacom
WA6TPJ
dbacom@ix.netcom.com

3613. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 04:55:18 UTC
From: rdonnell@mail.eskimo.com
Message-ID: <D5o8C7.54u@eskimo.com>
Source record: 250504

In article <5oy6mg6.orkin@delphi.com>, orkin@delphi.com says...
>
>Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

If there's any activity in your area in the 420-440 MHz band locally, set your TV for cable channel operation (not UHF) and try channels 57, 58, 59, and 60. These are on or close to the picture carrier frequencies most commonly used for ATV, i.e.

421.25 MHz = channel 57
426.25 or 427.25 MHz = channel 58
434.00 MHz = channel 59
439.25 MHz = channel 60

Also I'd suggest using a VCR for this - frequently their receivers are more sensitive than those in the TV set.

73, Bob
--

--
| Bob Donnell, KD7NM bob@kd7nm.ampr.org rdonnell@eskimo.com
|
| Western Washington Amateur IP Address Coordinator (206) 775-3651
|

--

3614. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 05:17:53 UTC
From: rdonnell@mail.eskimo.com
Message-ID: <D5o9Dt.6In@eskimo.com>
Source record: 250505

In article <3kdhl9$h81@ccnet3.ccnet.com>, rwilkins@ccnet.com says...
>One day, good amateur practice will require ATV to use more efficient
>digital modes. Just think how many digital ATV signals could occupy a
>six MHz wide window. It has been fifteen years since I have heard an AM
>two meter repeater. Twenty years ago we stopped using wide band
>deviation on FM.
>
>Bob
>
>

Additionally - when will we make the move to spectrally efficient repeaters, i.e. < 5 KHz total bandwidth. The technology exists now - look at the 220-222 MHz repeaters available.

I work as a lowly RF tech at the company making that equipment, and we offer 5 kHz interchannel spacing, trunking, digital squelch using a signal inserted into the middle of the channel (without losing that bit of audio spectrum for inteligibility) and radios that learn frequency correction information from the repeaters. They also use a pilot tone both for demodulation (synchronous detector) and to track at high speed the signal level changes present in the mobile environment. DSP is used for most of this work, except the AGC loop. The result is an amplitude compandored SSB radio without flutter or RX frequency error down to 12 dB sinad, and frequent reports of repeaters with less than or equal to the 50 watt PEP ERP limit and non-optimum antenna locations that cover like FM repeaters at 100+ watts of ERP and top-of-the-tower antenna installations.

And - No - these radios don't sound any different from the FM equivalents. With an approximately 3.5 KHz audio bandwidth, they actually sound better than some FM rigs.

So when will Socal and Norcal (RF hotbeds that they are) lead the way into the next generation of repeaters? Assuming that they don't just jump right over this stop and move on to spread spectrum...

73, Bob
--
Bob Donnell, KD7NM bob@kd7nm.ampr.org rdonnell@eskimo.com
Western Washington Amateur IP Address Coordinator (206) 775-3651

3615. RE: Ham plates in California

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 06:06:12 UTC
From: Bill Langton <blangton@sierra.net>
Message-ID: <3kghkk$lmp@jobes.sierra.net>
Source record: 250506

This post is in response to an E-Mail I received with a question regarding the ability to have two sets of ham plates with the same call. As I was responding by E-Mail, I had one of those quarterly Windows GPF's that trashed the mail. Thus, I dont' know who the message was from....but to answer the question:

You can only have one set of plates for any given vehicle in California. You can apply for a similar vanity plate for a second vehicle: ie - a friend is K6EIK and has call plates on one of his vehicles and has K6EIK 1 as a vanity plate on another of his vehicles. Of course, the vanity plates cost more and include a yearly fee in addition to the fee for the initial plates. I hope this answers your question...whoever you were!!

Take care all....

--

Bill Langton KN6ER (blangton@sierra.net)
Lake Tahoe, California
Home Page - http://turnpike.net/metro/blangton/index.html

3616. Re: Rat Shack Ripoff (Greg Smith)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 06:17:00 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <xA74GFc.edellers@delphi.com>
Source record: 250507

Gerald Schmitt <ggs@aerie.lanl.gov> writes:

>I perfectly capable of paying cash for a purchase of this size but;
>they made an offer, I accepted the offer, they should perform.

I'd agree with another poster who called it a mistake. Talk to the store manager; if he's no help, contact the district office.

3617. Re: Satellites Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 06:31:35 UTC
From: kc7fqd@primenet.com
Message-ID: <3kgj62$p6h@news.primenet.com>
Source record: 250521

jneslade@charlie.usd.edu wrote:

>Where can I get programs or information on where amateur radio satellites
>are located in orbit. Or any orbit information. Appreciate any help. May
>contact at WB0VBW (john). address is ok in call book or at email
>73's

Go to my home page and follow the ultimate ham radio page (first one)
one that page go to satellite/sarex info. It will show tracking
software. You can also get info from that page about when a certain
satellite will pass over a major city near you.

I use the tracking program call traksat and use keplar elements from
rec.radio.amatuer.space.

--
|Dennis Rice kc7fqd@primenet.net |
|KC7FQD Packet: |
|Northern Arizona University KC7FQD@N7CEE.AZ.USA.NA |
|Flagstaff, AZ NAU Amatuer Radio Club |
|Check out my homepage at: http://www.primenet.com/~kc7fqd/|
--

3618. Re: Ham plates in California

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 07:48:39 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5oGD3.3DE@news.hawaii.edu>
Source record: 250392

Bill Langton <blangton@sierra.net> writes:

>You can only have one set of plates for any given vehicle in
>California. You can apply for a similar vanity plate for a
>second vehicle: ie - a friend is K6EIK and has call plates on one
>of his vehicles and has K6EIK 1 as a vanity plate on another of
>his vehicles. Of course, the vanity plates cost more and
>include a yearly fee in addition to the fee for the initial
>plates. I hope this answers your question...whoever you were!!

Why not try to apply for a second ham (not vanity) plate written,
for example, K6EIK/6? That is certainly a lawful amateur callsign,
and is very appropriate since you're operating `portable' while in
your car. <Uh oh, here come the flames: "Mobile is not portable!">

The CA DMV might need a bit of convincing, though.

Jeff NH6IL (who used to have WA6QIJ plates on a green VW bug)

3619. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 08:06:14 UTC
From: Barrie Britton <bbritton@prolit.llu.edu>
Message-ID: <Pine.BSI.3.91.950318235817.4674B-100000@prolit.llu.edu>
Source record: 250508

On 18 Mar 1995, Robert Schulz wrote:

> Barrie Britton (bbritton@prolit.llu.edu) wrote:
>
> : Does this mean that it takes the DMV bureaucrats five years to remove a
> : stolen car listing from the computer? If so, I want some of my California
> : tax money back--it's clear that I haven't been getting all the government
> : that I pay for!
>
> Would you rather not get your stolen car back because they pulled it out
> of the system too fast?
>

(I'm not trying to start a wa here. My E-Mail reply to Robert
Schulz bounced, so I'm replying in the newsgroup.)

I would expect DMV to keep a stolen car listing in their computer for as
long as the car remains stolen, and then remove it promptly when (if!) the
car is recovered. Five years sounds to me like typical "lazy bureaucrat's
regulatory overkill syndrome."

73 de Barrie, k0wwg/6

3620. Re: Origin of `lid'

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 08:11:52 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5oHFs.3Mz@news.hawaii.edu>
Source record: 250393
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3k48m6$61d@parsifal.nando.net> mmalpass@nando.net writes:

>Speaking of 'lids,' anyone know the origin of this label? Acronym maybe??

A very credible origin comes from the landline telegraph days. It was
difficult to differentiate between a dit and a dah on the sounder
(only loud clicks were emitted - one when the arm closed, and another
when the arm opened). So new ops placed a sardine can (i.e., lid) over
the sounder so a ring would be emitted, thus making it easier to
interpret the shorter interval click-pairs from the longer. The OT
ops would refer to these young pups as `lids'.

<No joke!>

Jeff NH6IL (who keeps a sardine can over his rcvr's speaker...)

3621. Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 09:50:07 UTC
From: jonathan.swan@welcom.gen.nz
Message-ID: <9503200420094870@welcom.gen.nz>
Source record: 250513

There was a fascinating article in an English mag. early 90s about just

3622. Re: Looking for: San Bernardino Microwave Society

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 11:47:43 UTC
From: rwilkins@ccnet.com
Message-ID: <3kh5kv$8cg@ccnet3.ccnet.com>
Source record: 250511

Roger Keating - KD6EFQ (keating@nosc.mil) recently wrote
in <1995Mar17.024824.13432@nosc.mil>:

: I would like information on how to contact the membership of the
: San Bernardio Microwave Society, in SoCA.

The March 1995 edition of QST page 46 The SBMS Turns 40

The author is

David E. Laag WA6OWD
President SBMS
247 Rebel Road
Ridgecrest, CA 93555

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3623. Arkansas hamfest and stat

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 15:00:00 UTC
From: Bill.Shryock@f7.n3821.z1.fidonet.org
Message-ID: <4e9_9503210608@woodybbs.com>
Source record: 250384

@ORIGIN :1:3821/7@Fidonet.org N
@SUBJECT:Arkansas Hamfest and State ARRL Convention N
Announcing:

Little Rock Hamfest and Arkansas State ARRL Convention
at
The Little Rock Expo Center
formerly The Outlet Mall, same location as last year
March 31 - April 1, 1995
Friday, March 31, 4:00pm - 9:00 pm
Saturday, April 1, 8:00am - 5:00pm

Exit 126 on Interstate 30, Southwest of Little Rock

Admission: $7.00 per person

Theme: INTEGRATED COMMUNICATIONS IN EMERGENCIES

There is approximately 135,000 square feet of indoor space, with excellent lighting, heat and air conditioning, wide hallways, over 1000 parking spaces, handicapped access through all entrances, and much more.

There will be many dealers, flea market, tail-gates, exhibitors and forums. Special items of interest will be working stations on packet, amateur television and satellite. There will be a technical table, youth activities, home builders contest, fox hunts, C. W. Contest and Wouff-Hong. Participants will include The National Weather Service, Office of Emergency Services, ARES-RACES and MARS.

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501 246-6736 FAX
Home BBS KB5IFV-1 Arkadelphia, AR

--
|Fidonet: Bill Shryock 1:3821/7
|Internet: Bill.Shryock@f7.n3821.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3624. RE: ARRL e-mail address ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 15:31:00 UTC
From: jeff.sumberg@sailbbs.woodybbs.com
Message-ID: <8A5C277.012F000298.uuout@sailbbs.woodybbs.com>
Source record: 250515

KG>Does anyone know if the ARRL can be sent e-mail requesting a field day
KG>packet? If this is possible, could someone please post the address.

Try contest@arrl.org and ask them. I've gotten info on contests, etc,
thru that address. Also submitted contest results there too.

73, Jeff
N2VYU

feff
---
* DeLuxe2/386 1.25 #32s * Internet: jeff.sumberg@sailbbs.woodybbs.com

3625. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 15:38:00 UTC
From: jeff.sumberg@sailbbs.woodybbs.com
Message-ID: <8A5C27E.012F000299.uuout@sailbbs.woodybbs.com>
Source record: 250514

Bruce Miller (brucem@eskimo.com) wrote:
: Anybody have any thing to report about the Radio Shack
: 2m handhelds? Good, bad, indifferent, etc? I'm
: contemplating a low-end (not much $$) purchase.

I have one, and it works quite well. It's also the only HT I've seen that doesn't break up when I pass other nearby repeaters. It's a bit larger and clumsier that the newer models, but I have no real complaints about it. It works well. It's a bit tough to program though, and when used in the car as I do, you'd have to pull over to activate some things as tone-sq, etc. Oh yes, it doesn't have wide band tuning, just the ham band - which is why it's so resistant to intermod - it has a very tight bandpass. You'll also get about 6 to 7 watts when powered by 13.8 volts.

But for the price, you can't beat it. I'd recommend one.

73, Jeff
N2VYU

feff
---
* DeLuxe2/386 1.25 #32s * Internet: jeff.sumberg@sailbbs.woodybbs.com

3626. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 16:48:45 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3khn9d$ofl@coranto.ucs.mun.ca>
Source record: 250516

Robert Reed (HWDX09A@prodigy.com) wrote:
: The following was printed in the March 1, 1995 issue of the W5YI Report
: and is a very interesting responce to K1MAN on the ongoing interference
: complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.

<stuff deleted>

: I will revoke their license. Since the first person who complainded to
^^^^^^^^^^
I certainly hope that a lawyer or counsel with any responsibility has a
better command of the English language than this :)

: signed --- John P. Greenspan, Counsel

: CC --- Gail Fisk Malone, Esq

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

==========

3627. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 17:45:29 UTC
From: pineapp@netcom.com
Message-ID: <pineappD5p7zu.7tz@netcom.com>
Source record: 250518

Dale Piedfort (dale.piedfort@pcappbbs.com) wrote:
: I no longer have the article but here is the phone number of the
: person who can direct you to the best source for information on
: installation, headsets, brackets and antennas. I believe the
: article was the one featuring Motorcycling Amateur Radio Club
: (MARC) The founder and president is Ray Davis KD6FHN here is his
: phone number 1-714-551-1036. Tell Ray that Dale KB7UB told you
: to call him.. Ray will be more than happy to help you.

Check in on the HF net. They meet on Tuesday. 0000 UTC 20 meters
14.340 USB and 0100 UTC 40 meters 7.290 LSB +/- QRM. Look
up before looking down if we have to change because of QRM.

--
.--+--------------------------.
INTERNET: pineapp@netcom.com (DC436)	Daniel Curry
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	WB6STW
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA	DoD # 1450
'--+--------------------------'

3628. Re: Super Morse 4.15?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 17:48:19 UTC
From: pineapp@netcom.com
Message-ID: <pineappD5p84J.83B@netcom.com>
Source record: 250517

sbaldwin@community.net wrote:
: I'm looking for Super Morse 4.15 for the IBM PC. If anyone has this,
: or knows where I can get it, please Email reply to this posting
: (as my newsgroup reception is poor to say the least). I'd really appreciate
: getting this asap. Thanks, and 73

: de Scott N6UUH

Check over on oak.oakland.edu or the ham group on compu$erve.

--
.---+-------------------------.
INTERNET: pineapp@netcom.com (DC436)	Daniel Curry
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	WB6STW
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA	DoD # 1450
'---+-------------------------'

3629. Northern Telecom Datascope

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 18:09:50 UTC
From: quasar@cts.com
Message-ID: <quasar.31.2F6C736D@cts.com>
Source record: 250379

Does anyone know where or who repairs a Northern Telecom D101 datascope? I picked this gem up at a swapmeet and it needs a little TLC. The sweep is out of whack and I have not been able to correct the problem.

Thank you in advance!

3630. ScanNet News

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 18:38:47 UTC
From: YPSE19A@prodigy.com
Message-ID: <3khtnn$16g2@usenetw1.news.prodigy.com>
Source record: 250523

Please E-mail me all scanner related stories. Your best experiences with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area, Worst Fires, Accidents, your favorite frequency , I will recognize your writings in a Newsletter called SCANNET NEWS. Anyone sending me stories can have a copy of the Newsletter.

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Post Your favorite Net (Frequency, Location, Day's & times the net is on)
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BBS/Packet Programs), Radio Hardware,ect.
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Scannet News
C/O
Nicholas Messina
80 Livingston Ave
White Plains, NY 10605
-
-
NICK in NY YPSE19A@prodigy.com

3631. Re: UHF/VHF anti-virus filter, April Fool's time again

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 18:57:54 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD5pBCI.9or@netcom.com>
Source record: 250524

Looks like it's April Fool's time again.

3632. Re: Satellites Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 19:28:31 UTC
From: kwl@cyberspace.com
Message-ID: <3ki0kv$kbh@wage.cyberspace.com>
Source record: 250525

Just yesterday I got an excelent tracking program from ftp.wrq.com They have a whole gaggle of satellite tracking programs there. Check it out!

73 Ken KA9RVK/0

3633. 2-mtr fm in the UK

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 19:38:46 UTC
From: jdy18@aol.com
Message-ID: <3ki186$t6v@newsbf02.news.aol.com>
Source record: 250527

I am interested in operating 2-mtr fm in the UK, specifically in London. I understand that UK repeaters must be accessed using a 1750 Hz tone. I have also read that these repeaters may use CTCSS tones in parallel with the 1750 Hz tone. Does anyone know if there are any repeaters in London using the CTCSS tones? If so, freqs and tones would be helpful

thanks es 73 de Jay, KD2L

3634. Re: ARLB023 FCC call sign update

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 19:45:21 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3ki1kh$pdk@mother.usf.edu>
Source record: 250381

jeffrey@math.hawaii.edu wrote:

: will be left. We might be the first call district to be in this
: situation! One wonders what will happen if the Novice calls run out.
: ^

I've read somewhere that the FCC will open up the KH7 (WH, NH, AH) for
Hawaii as well as KL6 for Alaska, and KP3 for Puerto Rico to provide more
callsigns. Puerto Rico is not far from running out of Advanced calls
either and all they will have left is novice calls also.

--
* == *
> Paul Knupke, Jr. University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu Fidonet 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* == *
"We're only immortal for a limited time ..." -- Neil Peart

3635. UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 19:55:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <9503191250133242@nohobbs.org>
Source record: 250380

To: dbushong@wang.com (Dave Bushong)

D>{In this month's Wordradio, page 15, there is an article about a
>{UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
>{FT-470.

I saw the darn thing to, and I've never hear of virus being transfer
via radio communications. These guys must have to much time on
there hands.

brian.parker@nohobbs.org

• QMPro 1.51 • Chipmunks roasting on an open fire ....

3636. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 20:05:17 UTC
From: wday@dfw.net
Message-ID: <wday-1903951405170001@fw5.dfw.net>
Source record: 250378

In part, I wrote this about Fred Maia W5YI's petition to ban 'broadcasts'
from the HF amateur readio spectrum:

> : Fred's a good ol' boy, but, ya know.. sometimes he comes up with the
> : oddest of ideas. This is one of 'em that I hope gets put out to pasture
> : real quick.

to which marcbg@metronet.com (Marc B. Grant) N5NEI assumed something about me:

> Ya' know, whenever Maia does something, I can't help thinking that there's
> a profit motive behind it. Yet here, after reading the rulemaking (have
> you READ it?) I am almost willing to believe he is doing this for the good
> of amateur radio. He makes some very salient points, and I suggest that
> if you haven't read the rulemaking, that you do so before you critisize
> it.
>
> --
> Marc B. Grant
> marcbg@metronet.com
> Amateur Radio N5MEI

Well, Marc, I HAVE read the petition (I captured it the day it was filed
with the feds) and have printed a couple of copies of it to be distributed
at Hardin's (the only ham store in Fort Worth) and to a few folks I know
who might be interested in it. As a matter of fact, I'm sitting right
here looking at a printed copy of the peition. So, I gracefully accept
your "oops".

I agree that Fred has some salient points. I just happen to differ with
his conclusion of what is appropriate as a solution to the situation.

If broadcasts are useful at all, why relegate them to 30MHz and above?

If they're not useful, why allow them at all?

Not everyone lives in an area where VHF/UHF is the lifeblood of local activity.

Not everyone wants to participate on VHF, even if they do live in a
VHF/UHF-active area.

So, for all of those reasons, I repeat that I hope Fred's suggestion to
the FCC is rejected out-of-hand. Either ban one-way transmissions
completely, or leave 'em the heck alone and let the transmitters of those
bulletins find a way to work within the 'user-community' to solve the
problems. Allow hams to remain as 'self-policing' as possible.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

3637. For sale: ham stuff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 21:02:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.36479.4727.0N1D6883@canrem.com>
Source record: 250382

Ok; I'm going to try this again, this time giving less extraneous details.
If you want to know anything further about the following gear I have for
sale, contact me at:
Internet: chris.smart@canrem.com (prefered)
Fidonet: netmail to 1:229/15
Rime: private/routed mail to ->crs

1. Homebrew Power supply, 15-20 amps, 12-15 volts DC (can adjust
voltage); very solid construction, runs very cool most of the time,
better then any commertial jobs I've used. $75.00 Canadian or best
offer.

2. Ten-tek Argosy II, very small 50-watt HF rig; 80, 40, 30, 20, 15, and
10 meters ssb and cw. In great shape; comes with Ten-tek power supply,
beat up but great d-104 microphone, voice readout for speaking frequency
on display.
This is the Argosy with the digital display. Great for mobiles, a backup
rig, a simple station up at the cottage, etc. Asking $450.00 Canadian,
I'll lower the above homebrew power supply to $50 Canadian if I can sell
it with the Ten-tek stuff.

3. Sangean ATS-803A general coverage receiver. 150KHZ-30MHZ and 88-108
FM broadcast, (fm stereo with headphones). 10 memories, sideband or AM,
direct frequency entry, runs on wall adapter or d-cells. This is the same
as the Radioshack DX-440. I'd like $190.00 Canadian, or best offer.
Note: I'm selling the power supply because I need the money; I'll
probably regret it some day. I'm selling the Ten-tek stuff because I
*REALLY want an FT-530, and I'm selling the receiver simply because I love
my little Sony receiver and don't need another swl receiver around.

ATTENTION FRANK E. LOUNSBURY (forgive me if I spelled your name
slightly wrong): I responded to your offer to buy the Ten-tek stuff and
15 amp supply via Internet email, and then didn't get anything back.
Please email me again when you read this if you're still interested.

Chris.

... Sects! Sects! Sects! Is that all Monks think about?
___ Blue Wave/QWK v2.12

3638. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 21:13:02 UTC
From: Ham.Dist.Net@f17.n275.z1.fidonet.org
Message-ID: <4ea_9503212158@woodybbs.com>
Source record: 250406

```
The following files were processed Sunday 03-19-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMDEMO HAM: Amateur Radio Software Demo Programs
---------------------------------------------------------------------------
HAMSAVER.ZIP 197,791 Ham Radio Screen Saver for Windows
HAM_LOG3.ZIP 292,097 Ham Log v3 logging demo by VK2VN
---------------------------------------------------------------------------
489,888 bytes in 2 file(s)

HAMEQUIP HAM: Radio and equipment modification distribution
---------------------------------------------------------------------------
PFWHEL.ZIP 57,881 ProCat for Windows v1.1 help file
PROWIN16.ZIP 1,405,168 ProCat for Windows v1.1 CAT program
---------------------------------------------------------------------------
1,463,049 bytes in 2 file(s)

HAMLOG HAM: Amateur radio logging programs
---------------------------------------------------------------------------
CALLVER2.ZIP 171,330 Calls v2.0 logging program
SWLIT119.ZIP 583,442 Ultimate SWLogging Program V1.19
---------------------------------------------------------------------------
754,772 bytes in 2 file(s)

HAMNEWS HAM: Ham Bulletins and Newsletters
---------------------------------------------------------------------------
ANART849.ZIP 8,997 ANART Bulletin #849 03/12/95
ARLB023.ZIP 3,633 03/08/95 - FCC Call sign update
ARLB024.ZIP 4,360 03/17/95 - NTIA releases report
ARLB025.ZIP 3,894 03/17/95 - Amateurs get 219 Mhz
ARLD012.ZIP 4,930 03/16/95 - DX News
ARLP013.ZIP 3,907 ARRL Propagation Bulletin 03/17/95
HAMBBS.ZIP 10,158 W3INK's Ham BBS List 03/12/95
IRTS0313.ZIP 5,517 IRTS Bulletin 03/13/95
NEWS0310.ZIP 10,055 NewsLine #917 03/10/95
OPDX198.ZIP 6,772 Oh/Pa DX Bulletin 03/13/95
PFQ0312.ZIP 17,356 VK2PFQ President's address / WICEN News
QSLRTE.ZIP 591,047 DX Qsl routes/shareware database by KB6AXK
RSGB0319.ZIP 10,392 RSGB Bulletin 03/19/95
VK2-0312.ZIP 4,030 VK2 WICEN News 03/12/95
---------------------------------------------------------------------------
685,048 bytes in 14 file(s)

HAMPACK HAM: Packet Communication programs
---------------------------------------------------------------------------
TFKISS20.ZIP 147,541 TFKISS v2.0 by OE1HHC/OE3GMW
```

```
--------------------------------------------------------------------------------
147,541 bytes in 1 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT070.ZIP 5,509 AmSat Bulletin #070 03/11/95
DOVEDV12.ZIP 170,338 Dove Telemetry Decoder v1.2 for Windows
OBS076.ZIP 8,520 Amsat Orbital Elements #076 03/17/95
SPC0313.ZIP 5,834 Space News 03/13/95
--------------------------------------------------------------------------------
190,201 bytes in 4 file(s)

HAMSCAN HAM: Scanner frequencies and freq. databases
--------------------------------------------------------------------------------
DURH0395.ZIP 62,001 Durham Region Ontario, Canada Frequency Listing
--------------------------------------------------------------------------------
62,001 bytes in 1 file(s)

HAMUTIL HAM: Radio operating aids
--------------------------------------------------------------------------------
SDI700.ZIP 206,309 Super Duper IOTA logging program
--------------------------------------------------------------------------------
206,309 bytes in 1 file(s)

Total of 3,998,809 in 27 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
# Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
--
|Fidonet: Ham Dist Net 1:275/17
|Internet: Ham.Dist.Net@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.
```

3639. need lowband M70 manual

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 21:59:01 UTC
From: ve4vv@draco.bison.mb.ca
Message-ID: <3ki9f5$ovh@draco.bison.mb.ca>
Source record: 250389

Hi. Doeas anyone have a spare service manual for a low band (30-50 MHz)
Motorola Mocom 70?

Motorola wants >$$$ for one here; will gladly pre-pay mailing costs if
somebody's got one.

Thanks & 73..

Derrick VE4VV/AA0PQ

ve4vv@draco.bison.mb.ca
dbelbas@city.winnipeg.mb.ca

3640. Upgrade Classes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 22:04:07 UTC
From: Joseph Herman <herman@yu1.yu.edu>
Message-ID: <Pine.A32.3.91.950319165846.17291A-100000@yu1.yu.edu>
Source record: 250386

I'm posting this on behalf of a friend, who is currently a general class operator. He ahs no problems with the code, and is interested in upgrading. His problem is that he is not technically inclined, and would like to know if any classes exist (live or otherwise) that would teach him the theory that he needs to know for the exams. BTW, this is is New York City, and he is interested in upgrading to Extra. Any help would be appreciated.

- Joseph Herman KB2SFT |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu |Action is useless unless preceeded by thought -
- a196@lehigh.edu | -
- slammy@chop.isca.uiowa.edu |EMT, postpunk, ham radio, fencing, 'blades -
---

3641. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 23:00:51 UTC
From: markem@primenet.com
Message-ID: <markem.66.004AA753@primenet.com>
Source record: 250385

In article <3kfr2u$siq@usenetw1.news.prodigy.com> HWDX09A@prodigy.com (Robert Reed) writes:
> ... lots deleted ...
>Unfortunately his heavily opinionated broadcasts with barely a
>minimal factual informational basis clog up the airways.

Wait a minute...who mentioned Rush Limbaugh??

73... Mark AA7TA

3642. IPS Daily Report - 19 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 23:12:41 UTC
From: rwc@ips.oz.au
Message-ID: <3kidp9$9si@flare.syd.ips.oz.au>
Source record: 250409
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 19/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 19 MARCH AND FORECAST FOR 20 MARCH - 22 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 18 Mar
Daily Proton Fluence >1 MeV: 7.8E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.2E+09 (very high)
X-ray background: A7.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
20 Mar 21 Mar 22 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 20 Mar: 85/27

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 18 Mar
Learmonth 4 2111 1121
Fredericksburg 5 4
Planetary 5 6

Observed Kp for 18 Mar: 2222 1222
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
20 Mar 5 Quiet
21 Mar 10 Quiet to unsettled
22 Mar 5 Quiet
COMMENT: A slight increase in the level of activity is possible on 21
Mar due to a long-duration flare late on 18 Mar.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
19 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
20 Mar normal normal normal
21 Mar normal normal fair
22 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
19 Mar 37 10-30% enhanced during local day and otherwise near
predicted monthly values.
Townsville: daylight enhancements.
Hobart: near predicted monthly values.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
20 Mar 30 Daylight enhancements of 10-20% and otherwise near
predicted monthly values.
21 Mar 30 As for 20 Mar.
22 Mar 30 As for 20 Mar.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3643. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 23:24:19 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD5pnoJ.G05@netcom.com>
Source record: 250387

WB8WYU (wb8wyu@aol.com) wrote:

[snip]

: ... price wars on actual radio equipment are so nasty that most
: dealers are only making about 5 percent on most rigs. Also, keep in mind
: that a Radio Shack dealer is gouging you for so many other items that they
: can afford to absord the cost of the occassional returned radio.

Your points are well taken. These days, RS is in the consumer electronics business primarily. I'm sure that some of your remember when a RS catalog was mainly electronic components, with some ham, CB and "business-band" radios. Now, RS is making their money on computers and satellite receivers for TV. I can't comment on their quality or prices, but I rarely buy anything from RS because of their insistence on asking for personal info. at the time of sale. That's my number one gripe with the chain.

: ... Also, there seems to be little loyalty in that business, the
: typical ham will call 25 1-800 numbers getting prices on a $3000 radio and
: if someone else is 5 bucks cheaper, they get the business regardless of
: what other nice things you've done for them. So I say pick yourself a
: dealer that you like and show them a little loyalty and they will take
: care of you.

Here's an excellent case that shows why we no longer have as many, if any, local ham/electronic supply stores. Granted, even in the late '60s, the one that I used to patronize made their big money off the broadcast and TV stations in the area, but this also meant one-stop shopping when we needed a tube or capacitor. They sold ham gear as well.

When I bought my computer a few years ago, one reason that I chose an out-of-state mailorder company, was to dodge the 7.75% sales tax that a local firm would charge. While this won't work when buying gear from HRO, it may if I order from AES or OKC.

The big mailorder firms are good, but this is killing the local merchants. In this area, there are no ham stores; we have to drive to LA or Orange County, which is no fun in the heavy traffic. There's no substitute for going into a store and actually turning the dials any trying the equipment out.

I was in Sacramento a few weeks ago, and stopped in at The Radio Place, a local ham/communications supply store. Then and there, I decided that I would support such a store, if there were one in my area, even with the sales tax and higher prices.

Jim - KF6CR

--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it

3644. need help with "power station"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 23:47:53 UTC
From: Mark Acierno <macierno@delphi.com>
Message-ID: <Bc+Yevh.macierno@delphi.com>
Source record: 250388

Hello, I have one of thoes battery "power stations" advertised in the back of various ham readio mags. (you know the $50 job) any way I moved a few months ago and lost the recharger--- does anyone know the spec. on the recharger???
(i'de bet its 12v- but I just want to be sure!)

thanx for any help you can provide

mark
n2uem

macierno@delphi.com OR acierno@mc.edu

3645. PACKET HELP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-19 23:55:25 UTC
From: techman@ace.com
Message-ID: <2689.UUL1.3#25274@ace.com>
Source record: 250390

Hi,
Maybe someone out there can help.I have a HTX 202 and a Kantronics KPC-3
TNC and i am not to good on wiring so if someone can tell me the parts
that i need to get maybe by part #s and then how to do it,it would be of
great help.So the whole system would be HTX 202 HT
KANTRONICS KPC-3
(RADIO SHACKS) TANDY 1000SL
Thanks in advance.
73 BOB BRUNDIGE N1UAN WALTHAM,MASS.02154
EMAIL {techman@ace.com}

3646. e-mail adresses: Kenwood? Yaesu?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 00:08:03 UTC
From: U29255@uicvm.uic.edu
Message-ID: <95078.180803U29255@uicvm.uic.edu>
Source record: 250394

If you know if they can be reached via e-mail, please forward their address(es)
to me... Thanks!

3647. Re: How to start a Holocost that never happened

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 00:49:45 UTC
From: leigh@rain.org
Message-ID: <3kijf9$ath@news.rain.org>
Source record: 250391

> I don't get it! What's this all about? What am I missing?!?!

> Zack W9SZ

Zack, I belive there are two possible explanations for that strange posting:

1. It was supposed to be placed to another newsgroup.

OR:

2. Paranoid Schizophrenia

Sadly, I feel it was probably the latter. 73. --Leigh/KM6JE.

3648. Re: Satellites Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 01:16:42 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.21764.795665864.drayegon@drayegon.america.com>
Source record: 250395

Just yesterday I got an excelent tracking program from ftp.wrq.com

Thanks ken good one 73 Ray AD4RR
>

3649. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 02:19:57 UTC
From: szariana@rocky.ucdavis.edu
Message-ID: <3kiood$f28@mark.ucdavis.edu>
Source record: 250396

Barrie Britton (bbritton@prolit.llu.edu) wrote:

: (I'm not trying to start a wa here. My E-Mail reply to Robert
: Schulz bounced, so I'm replying in the newsgroup.)

My apologies, but I get VERY tired of gratuitous snipes at the
government. My apologies also for the bounce, it should work now.

: I would expect DMV to keep a stolen car listing in their computer for as
: long as the car remains stolen, and then remove it promptly when (if!) the
: car is recovered. Five years sounds to me like typical "lazy bureaucrat's
: regulatory overkill syndrome."

Actually, it is much more likely the "everything in the computer expires
after 5 years if there is no change to the records." You'd be surprised
how many people get nailed by the local police when they run a license
plate thru the DMV system and discover that registration hasn't been paid
for three years.

: 73 de Barrie, k0wwg/6

Robert Schulz KC6UDS

3650. Re: DOES BERMUDA HAVE 2 METERS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 02:37:44 UTC
From: tja@netcom.com
Message-ID: <tjaD5pwMw.JLy@netcom.com>
Source record: 250397

J. W. WALLER, ECE (waller@utkvx.utk.edu) wrote:
-> I would like to know 1)if Bermuda has 2 Meter
-> activity; and 2)if so, is there reciprocal
-> licensing so no paperwork/notificaton is
-> needed?

-> Thanks and 73,
-> W4TZB

1. Yes it has 2 meters there are 3 or 4 repeaters that cover the island very nicely.

2. You have to notify them in advance and get a permit to operate in the country. If you are going to be there for a while, for a nominal fee, they will assign you a Bermuda call sign on a 6 month basis.

This was true as of the last time I was there a couple years ago.

If you are an ARRL member you can speak to them and they will point you in the correct direction when traveling outside the U.S.

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

3651. HF Beam Recommendations

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 02:38:19 UTC
From: Cliff_Milner@mlstand.com
Message-ID: <000F898B.fc@mlstand.com>
Source record: 250398

Want to replace my 35 year old Hornet tribander. Am looking for pros and cons of various beams; Mosely, Hy-Gain, CushCraft and others. Was esp. interested in the Mosely that covers 20/15 /10 and Warc bands. Opinions?
Thanks from Cliff, K2SKO Rochester, NY
Mac's Last Stand,13 gigs, (12) 28.8 lines 716-346-5555

3652. Does VP9 have Reciprocal Licensing?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 03:02:00 UTC
From: waller@utkvx.utk.edu
Message-ID: <19MAR199522025292@utkvx.utk.edu>
Source record: 250399

Does Bermuda (VP9) have reciprocal licensing? If
so, is there two meter activity there?

Thanks and 73
W4TZB

3653. need address of AA0UO

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 03:27:12 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3kismg$4r8@godot.cc.duq.edu>
Source record: 250400

can somebody help me find the address of AA0UO ?
I just made cw contact and want to QSL but he is
not in any of the internet callbook servers.
QTH is Minot, ND.

please email replies directly to me.
thanks

73 de jerry
AA3KN

3654. HELP THIS HAM PLEASE! READ!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 03:36:08 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <3kit78$6ej@news1.halcyon.com>
Source record: 250413

Newsgroups: rec.radio.amateur.antenna
Distribution: usa
Subject: HELP THIS HAM PLEASE!!! Read!

A fellow ham needs your help!

Lyle Flemming KB7RBV served in the army during WWII. His tour of the South Pacific included Island hopping. He was there when McArthur "returned" to the phillipnes. He saw combat, and was wounded 3 times!
Upon his discharge, he was told that his medals would be mailed to him. These include 3 Purple hearts, bronze star, a several others. That was FIFTY years ago! And to this day he has not gotten them. He has written several letters, even to the president, no response!

LETS GET THIS MAN HIS MEDALS! Afterall, he fought , and gave his best for this country, and all of us!

All you have to do is take a couple of moments, and write a note addressed to "Commander and Chief". Email these letters to me, and I will mail them on to the correct people. Or, just send it direct to the "Secretary of the Army" Please let ME know when you do this.

Its a shame that he has been waiting SO LONG for these. One would think that this kind of thing would not happen. But it does.

Get this man the respect he earned with his dedication, honor, and blood!

THANKS!!! to ALL of you who choose to help!!

mail to:

ki7zd@halcyon.com

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

3655. Re: Callsign license plates in CA? [some answers]

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 03:43:53 UTC
From: jfh@crl.com
Message-ID: <3kitlp$2ja@crl.crl.com>
Source record: 250401

keating@nosc.mil (Roger Keating) wrote:

>3. Form? Don't know, but DMV has them, and so does the Calif. AAA which
>is
> allowed to perform most DMV transactions as an agent of the DMV for
>its
> members. Much more convenient, btw.

When I got mine a few years ago, CSAA told me that I had to go to the DMV.

--

Jack Hamilton jfh@crl.com KD6TTL '92 K75RTA co-moderator, sci.med.aids

3656. [INFO NEEDED] AX.25, TCP/IP, what, where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 04:00:23 UTC
From: scotte@ccs.neu.edu
Message-ID: <3kiukn$4e8@camelot.ccs.neu.edu>
Source record: 250414
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

I'm going to a section meeting in the Boston, Mass, USA area soon, having just been appointed Internetworking ASM for Eastern Massachusetts.

I'd like to present what digital modes and networking people have put together around the USA and world.

Please educate me. I'd like to see if we New Englanders can't get our act together and set up something solid which can hopefully expand further.

Thanks for any leads anyone can offer.

What's going on in California? Arizona? Texas? Australia?

73,

--
Scott Ehrlich, Internetworking ASM, Eastern Mass. E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

3657. W5YI on Ham Radio & More Show 3/26/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 04:15:07 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.373.0015412C@indirect.com>
Source record: 250402

Do you want to know the full scoop on Fred Maia's new petition to
the FCC? Are you curious about the new vanity callsign program? How
does Electronic Filing work? Want Fred's opinion on these or other topics;
then tune into the Ham Radio & More show this Sunday, 3/26/95. The
show airs live at 6:00pm EST on the Talk America Network in 32 cities
and via satellite on spacenet 3, transponder 9, 6.8 audio. For more info,
call 602-241-1510. The listener call-in number is 1-800-298-8255.
73, Len, KB7LPW
home page courtesy of BARC at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

3658. Re: QSL ROUTE on IK4LZH Server: report

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 04:27:53 UTC
From: zilch0@primenet.com
Message-ID: <3kj089$eeb@news.primenet.com>
Source record: 250403

I will repeat the WWW address IK4LZH gave at the top of this thread:

http://promet12.cineca.it/htlzh/qsl.html

Enjoy, AB6SL

/----------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3659. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 04:33:34 UTC
From: slay@netcom.com
Message-ID: <slayD5q1zy.IGI@netcom.com>
Source record: 250404

```
: >
: > : Does this mean that it takes the DMV bureaucrats five years to remove a
: > : stolen car listing from the computer? If so, I want some of my California
: > : tax money back--it's clear that I haven't been getting all the government
: > : that I pay for!
: >
: > Would you rather not get your stolen car back because they pulled it out
: > of the system too fast?
: >
: I would expect DMV to keep a stolen car listing in their computer for as
: long as the car remains stolen, and then remove it promptly when (if!) the
: car is recovered. Five years sounds to me like typical "lazy bureaucrat's
: regulatory overkill syndrome."

Actually ...... the original story is even worse. When my car was
stolen it was put into the "computer" by the Police/DMV. The car was
stolen in Santa Clara (nr San Jose) ...... a few months later, I was
notified by the Long Beach Police that my car had been "recovered" and
then "released to the owner"....!!!!!!!!!!!!!!!!!! Turns out that
there was a second Honda Prelude with IDENTICAL VIH - vehicle I.D. numbers
listed in the DMV computer system. I still can't believe it ..... but
they sent a detective out and apparently somewhere along the line there
were two cars .... same make/model/year registered with the same VIH
..... don't know if one or the other was entered incorrectly .... but
still.............

Ain't that sumthin'?!

73 de Sandy WA6BXH/7J1ABV
slay#netcom.com
```

3660. Re: Geoclock

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 04:54:57 UTC
From: zilch0@primenet.com
Message-ID: <3kj1r1$fh8@news.primenet.com>
Source record: 250405

Hi:

The GeoClock BBS is at 1-703-241-7980, from which you can download the latest shareware version. Registration permits subsequent purchase (not available in shareware) add-on for Hams. This add-on, which you may not have seen comes with a custom azmuthal map centered on your QTH! When this map is displayed (versus all the other maps that are available), the
program permits entry of callsign prefixes, then displays bearings and distances for short path and long path to that prefix, as well as the name of the country and some other stuff. The short and long paths are plotted on the round azmuthal map as a straight line that is the diameter
of the map running through your location at the center and an "x" that marks the location of the DX station. Once a DX station gives you the exact QTH, you can zoom to that location, calculate the precise distance and/or bearing, etc. It's way cool. I hesitate to
quote the prices of registration, they may have changed.

One neat thing about registering is that he gives you a program on the distribution floppy that he mails, called REGISTER.EXE. This little executable activates any subsequently downloaded shareware versions you get to make them fully functional! In essence, once you have this key program, you are registered for all future releases!

If the BBS does not appeal, try the author's address:

Joseph R. Ahlgren
2218 N. Tuckahoe St.
Arlington, VA 22205

Enjoy it, AB6SL
/----------------------\
Michael K. Davis
zilch0@primenet.com
MIME Attachments OK
\----------------------/

3661. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 05:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <031995210017Rnf0.79b6@ham.island.net>
Source record: 250419
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Jerry Kreifels (kreifels@intel.com) wrote:

: I'd also be interested in hearing comments from anyone who has done this.
: In particular, I'm looking for headset helps, particularly how to
: make one headset work either PTT or VOX, radio mounting tips, and
: suggestions for antennas to work without a ground plane. (I'd
: prefer NOT to home-brew the antenna, so suggestions for commercial
: antennas are preferred.) I do want 2m/70cm ability as well.

: 73 and thanks in advance.

I used to do this on my GS-1000E. I mounted a thin 8 ohm speaker inside the lining on my Bell Star helmet, and a microphone element inside the chin bar. I then led the wires to a microphone cord and terminated them with a 1/4 inch phone plug. This was plugged into a 1/4 phone jack mounted on the Hannigan fairing just ahead of my right leg so that it was easy to disconnect when dismounting - or to yank out in an emergency.

I have experimented with VOX switching, but found that wind noise, especially at higher speeds, and traffic noise levels in general were high enough to make setting the VOX awkward. I eventually went to PTT, and mounted a switch on the left bar so that I could hit it with my thumb without moving my hand very much.

I also operated both mobiles run off the bike's electrical system and handhelds on their own batteries. Suppressing electrical noise on the bike was difficult when using a mobile because my bike was old enough (1979) to have virtually no noise suppression built in, and having to run the antenna cable a few inches from the coils probably didn't help.

I had better luck with a handheld, as I didn't have to deal with the electrical noise generated on the bike's electrical system, just the noise from the plug wires.

This also simplified the antenna system, since for the mobile radio, I had mounted a 5/8 Larsen on the aluminum luggage rack mounted on the rear of the machine. This worked fairly well, with sufficient ground plane to function, but made it awkward for a passenger to swing her leg past the antenna.

Eventually, I settled on using a handheld inside a tank bag as my preferred method. I used a short cable to a bnc connector mounted on a small piece of aluminum plate so that the rubber duck could sit on the outside of the tank bag with my radio warm and dry inside it. I left the PTT switch on the handlebar, but plugged the cable from the switch into an inline two pole connector in the tank bag.

All of this had the obvious disadvantage that you had to stop the bike to change frequencies, but that's probably better anyway.

E-mail if you have specific questions.

GL, Bob, VE7HS

--
rsmits@ham.island.net (Robert Smits)

Strange to say what delight we married people have to see these poor fools decoyed into our condition. - Samuel Pepys

3662. Amateur Radio Newsline #918 16 Mar 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 06:00:53 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <LeHRlGG8yPB1079yn@dorsai.org>
Source record: 250407
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.918
Amateur Radio Newsline #918 17 Mar 1995

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Text Version information:
America Online - tstader@aol.com (Terry Stader, Sysop) or D.CARY@genie.geis.com
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Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks: FidoNet - Joe Brown, 1:2625/111
RIME - RO mail to Steve Coletti, ->35
Others - Steve Coletti (within the conference)
(Fido Netmail to 1:278/230)

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NEWSLINE RADIO - CBBS EDITION #918 - POSTED 03/17/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
==========
Los Angeles..... (213) 462-0008
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Seattle..... (206) 281-8455
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The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

Check with your local amateur radio club to see if NEWSLINE can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an SASE at P.O. Box 463, Pasadena, CA 91102.

Thank You
NEWSLINE

(**

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(**

[918]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following advisory is not necessarily for trans- *
(* mission over amateur radio. This is just a reminder that *
(* the address for the Newsline Support Fund is Newsline, in *
(* care of Andy Jarema - N6TCQ, Post Office Box 660937, *
(* Arcadia California 91066. Again, and as always, we thank *
(* you. This ends the closed circuit with Newsline report *
(* number 918 for release on Friday, March 17, 1995. *
(* *
(* *

The following is a QST

The Dayton awards are announced. Find out the winners on
Newsline report number 918 coming your way, right now!

(*****
DAYTON AMATEUR RADIO ASSOC AWARDS

It's Emmy and Oscar time again in ham radio. The Dayton
Amateur Radio Association has announced the names of this years
Hamvention awards winners. May we have the envelope please:

In the category of 1995 Radio Amateur of the Year, the winner
is a young woman from Indiana. A woman who has spent much of her
adult life in Connecticut helping to introduce youngsters to the
magic of ham radio. Her name is Rosalie White; her call sign is
WA1STO; and she heads up the Educational Activities Department at
ARRL Headquarters in Newington.

"I think the award will make me work just that much harder to
meet the goals that the department has for educational purposes in
Amateur Radio. Rosalie White, WA1STO.

By all standards Rosalie White, WA1STO is a fine representative
of the very best that America's heartland has produced. Born and
raised in the farming community of Westport, Indiana Rosalie is
the youngest of three daughters of Roland and Betty White. No,
not Betty White the actress. Rosalie's mother Betty had an
eminent career as a school teacher and educator. Her dad Roland
was a graduate of Purdue University and followed a lifelong career
in agriculture.

Rosalie graduated from Westport High School in 1967 and attended Hanover College for the next three years. She then transferred to Indiana University where she received her Bachelors Degree in Elementary Education in 1971. She taught third-grade for two years in Indianapolis before moving permanently to Connecticut in July 1973. There she received a Masters Degree in Special Education from Central Connecticut State University in 1977.

It was while still in college that Rosalie's' interest in Amateur Radio was born. She earned her Novice license in 1970 and was issued the call sign WN9FJT. Within a year she had garnered her General class ticket, and by 1976 held the Advanced. That's also when the FCC gave her the WA1STO call by which she is known to this day.

Her career of service to Amateur Radio began in the fall of 1973. That's when she took her first ham radio related job at the American Radio Relay League. She served in Newington in various positions until 1979 when she left to explore other career opportunities. Rosalie returned to headquarters in 1987. It was then that her very special abilities as a born communicator brought her star to the eyes of all radio amateurs.

When the ARRL need someone to head up its Educational Activities Department they tapped Rosalie to become the Manager. In that position, she has coordinated the many educational ventures that have brought the word of Amateur Radio into classrooms and directly to students the world over.

To enumerate all of Rosalies' accomplishments would take up an entire newscast but here are a couple of examples. She has hosted a myriad of special workshops around the country for Radio Amateur recruiters and instructors. She has become the leader in teaching the teachers who educate our nations young about the marvelous educational tool of a live Amateur Radio station in a classroom. She has taught these instructors how to motivate their students by using Amateur Radio as a tool to better understand all of mankind and the world that they are growing up to assume the roles of leaders in. Rosalie says that it is a great honor to be named Radio Amateur of the Year and gives much of the credit for her winning to those who work with her:

"It certainly is a surprise to be telephoned and told something like that. It kind of makes a lot of the work worth while and I have to say that it wouldn't have happened if it weren't for the great staff that I have." WA1STO

Rosalies' career really came into sharp focus when her sphere of influence expanded from terrestrial earth into space. She became the ARRL representative of the SAREX Working Group. The Shuttle Amateur Radio Experiment puts amateur radio into space shuttles. In that capacity, she has played a major role in creating great excitement among students. Her enthusiasm and skill have also made it exciting times for amateur radio and for

the space program.
I can speak personally to that as Chairman of the SAREX Working Group. When she learned of her choice as Dayton's Radio Amateur of the Year, the reaction was pure Rosalie:

"The first thing that popped into my head was all the work we have done with SAREX and allowing thousands of kids to get a taste of the excitement of science and technology. I assume that was probably a major part of why the award was given." WA1STO

Rosalie is in charge of SAREX educational programs. She works very closely with Frank Bauer, KA3HDO, AMSAT's Vice President for Manned Space Flight. They screen applications, choose and work with schools to insure properly coordinated contacts, and they work with the astronauts to maintain a high rate of effective communication. Along with Lou McFadin, W5DID, the principal investigator, they have formed an unbeatable team."
Rosalie Whites ongoing day to day dedication to the young people has helped make the words "Amateur Radio" very respected among members of the nations and worlds educational communities, and also has made ham radio stations a welcome addition to many classrooms the world over. That's why she is Dayton's 1995 Radio Amateur of the Year.
Named by DARA to receive its 1995 Specific Achievement Award is Ed Briner, WA3TVG. Ed is with MARCO the Medical Amateur Radio Council and, among other responsibilities he serves as the groups newsletter editor.
Selected as recipient of this years Technical Achievement award is Philip Farrell, K7PF. If the name Philip Farrell sounds familiar it's because he is the ham who developed the so-called transmitter finger printing technology that has been used successfully in ridding the airwaves of harmful sources of interference.
We will have a complete profile on WA3TVG and K7PF on next weeks newscast. Meantime, our congratulations to all three of this years Dayton award winners from the staff here at Newsline.

The winners will receive their awards the evening of April 29th at the Hamventions' grand banquet. Newsline will be there to report on Hamvention '95 and the banquet activities.

(*****
HAM COMPUTER HACKER INDICTED

Computer super hacker Kevin David Mitnick, N6NHG has been indicted on 23 counts of computer access fraud. On Thursday, March 9th, federal authorities in Raleigh, North Carolina charged the California ham with one count of illegally possessing device making equipment, one count of possessing unauthorized access devices and 21 counts of using a counterfeit access device. Authorities say that by using his knowledge of computers and cellular telephone switching, Mitnick may have stolen as many as

20,000 credit card numbers from one computer network alone. He is also believed to have also accessed numerous other secret, on-line systems.
The March 9th indictment covers only Mitnick's alleged activities during his 10 day stay in Raleigh. Whether N6NHG will be tried in Raleigh still has not been announced. In addition to the North Carolina criminal allegations, Mitnick also faces a state warrant in California for parole violation and possible other charges Colorado and several other states.
As previously reported, Mitnick was captured with the help of a San Diego computer security expert. The ham turned hacker faces a maximum of 20 years in prison if he is convicted on each of the 23 charges in this first federal indictment.

(*****
WILSON UPDATE

ARRL President George S. Wilson, W4OYI, remains in serious condition in a suburban Virginia hospital where he was taken following a stroke he suffered on February 11th. Newsline has been following the recovery progress being made by President Wilson.
President Wilson is still in serious condition, but he is showing some improvement. We spoke we ARRL Executive Vice President David Sumner, K1ZZ who files us in.

"George has improved, particularly over the last week after a period where everyone was quite concerned about the way things were going. Over the last several days he has been awake and has been talking. He still clearly has a long road ahead of him for rehabilitation. But the family and his friends who have been in to see him are tremendously encouraged. We're anticipating something in the next two weeks he is likely to be transferred to a facility closer to his home in western Kentucky." David Sumner, K1ZZ

Get well wishes for George Wilson W4OYI should be sent in care of ARRL Headquarters, 225 Main Street, Newington Connecticut, 06111.

(*****
2400 MHZ VICTORY

Some good news for hams who have following the possibility of our service loosing part of an important UHF band. On Wednesday March 15th, the National Telecommunications and Information Agency the NTIA released its final recommendations on spectrum reallocation and the agency said that the majority of ham radio operations should remain unchanged. Again, ARRL Executive Vice President Dave Sumner, K1ZZ.

"In that report they are identifying 2400 to 2402 and 2417 to 2450 Mhz as bands that ought to be identified in order to maintain stability for amateur and part 15 use in that entire frequency range of 2400 to 2450. Those amateurs who are following this proceeding know that we were facing the possible loss of access to spectrum in this range.
Now as a result of this preceding it appears the NTIA is recommending to the FCC not only that amateurs not loss that access, but the entire 50 Mhz range be treated as one contiguous band and that our continued access to that band should be provided for the long term." David Sumner, K1ZZ

Dave adds that ham radio is still not out of the woods on this one. There is still a continuing threat to the band from 2300 to 2310 MHz. This says Sumner, will not be resolved until there is some further FCC rule making on the issues at hand.

(*****
A0-10 BACK

AMSAT-OSCAR 10 is back on the air. At least it is for the moment according to AMSAT North America president Bill Tynan, W3XO who says that AO-10 was heard at his QTH for the first time in several months. Bill says that he was tuning around looking for the Shuttle and happened to stray to 145.810 and heard a full quieting carrier with considerable QSB. Switching to sideband, Bill noted that it was a continuous carrier with no modulation that reminded him of AO-10. Tuning up the band, Bill heard a sideband QSO with quite strong signals. Checking Instantrack, he found that AO-10 was indeed in view. It was over the southern Pacific in the late stage of the orbit, but still in daylight. So Bill set up for the AO-10 uplink band where he received strong return signals. AT 05:15 UTC, he had a nice QSO with VE7AHX and another at 05:22 with KC6EIJ.

(*****
AMSAT EDITOR

John Hansen, WA0PTV says that he is retiring as the volunteer editor of AMSAT Journal. Hansen says that work pressures are forcing him to step down but indicates a willingness to continue the write the "Heard on the Downlink" column.
Because of Hansen's imminent departure, AMSAT is looking for someone with experience in the publication field to take on the job of rounding up articles, screening and editing them, while meeting a set deadline.
Anyone desiring to volunteer to fill this vital role in our organization, please contact Bill Tynan via the Internet to w3xo@amsat.org.

(*****
YOUNG HAM OF THE YEAR AWARD

A reminder that nominating period for 1995 "Young Ham of the Year Award" is now open. This award program, now entering its ninth consecutive year, is presented annually to a United States licensed Radio Amateur who is 18 years of age or younger and who has provided outstanding service to the nation, his community or the betterment of the state of the art in communications through the Amateur Radio service.
Any continental United States FCC licensed ham radio operator aged 18 and younger who have used Amateur Radio to significantly contribute to the benefit of the service, to the state of the communications art, to their community or the nation are eligible to be nominated. Thanks to corporate support from Yaesu USA, the 1995 Young Ham of the Year will receive an expense paid trip to the Huntsville Hamfest where he or she will be presented the award. The winner will also receive a V.I.P. tour of the Marshall Spaceflight Center and Spacecamp courtesy of CQ Magazine.
All nominations must be submitted before June 30th, 1995 on an official application available for a self addressed stamped envelope to the 1995 Young Ham of the Year Award, c/o Newsline, 28197 Robin Avenue, Saugus, California 91350. These nominating applications are also available electronically. You can download them from the ham radio files section on either GEnie or America Online.

(*****
DX

In DX, W4FOA reports overhearing a conversation with A22MN, and another station that Dave would be on 160 meters from Botswana. He typically transmits on 1827 KHz and listens up 5 KHz.
Also, word that XU7VK in Phnom Penh has renewed his licence which is valid until February 1996. He has also received a special callsign XU95HA. He can use on events such contests, and any special Cambodian or Hungarian celebrations. QSL via HA0HW for both calls.

(*****
FLOATING ICE ISLAND

The Associated Press reports that a giant chunk of ice has broken off of Antarctica and is heading north into the Pacific. British scientists say it's 48 miles long, 23 miles wide and more than 650 feet thick.
The researchers say that pieces of the frozen continent are breaking off because of rising temperatures in the region. But don't expect to see the giant iceberg floating up to the North American coast. It is expected thaw quickly once it reaches warmer water.
It will be interesting to see if anyone mounts a DXpedition to the floating island to put it on the air before this rare one, literally, melts away.

(*****

And for this week, that's all from the Amateur Radio Newsline.
You can write to us at Post Office Box 660937, Arcadia, California
91066.

(* * * Newsline Copyright 1995 all rights are reserved. * * *

Thanks for your support.
--

3663. California 900 meg bandplan?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 06:03:35 UTC
From: carndt@netcom.com
Message-ID: <carndtD5q65z.KIH@netcom.com>
Source record: 250408

Could someone point me to a copy of the California 900 meg bandplan? It is different than the ARRL plan shown in the repeater directory.

Thanks,

Chris KD6DSI

3664. Looking for Local Emergency Comms Groups

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 06:13:09 UTC
From: Edward Addy <nacec@millcomm.com>
Message-ID: <3kj6dl$924@news.millcomm.com>
Source record: 250422

Hello All:

We have just opened up a new WWW Homepage. This homepage system contains forms for collecting information on Local Emergency Communications Organizations like ARES & RACES.

We at The North American Center For Emergency Communications are building a database of all such organizations.

There is no charge for registering your organization into the database, and it could help to get those relief organizations that may be working in your area following a disaster in touch with your organization quicker to request your help with communications.

The WWW address to our homepage area is:

http://www.winternet.com/~nacec/index.com

All the best to you and yours!

73

Edward Addy / KE0EG
NACEC Center Minneapolis

3665. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 06:19:02 UTC
From: Ham.Dist.Net@f17.n275.z1.fidonet.org
Message-ID: <4f3_9503222340@woodybbs.com>
Source record: 250441

```
The following files were processed Monday 03-20-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
------------------------------------------------------------------------------
RTDX0317.ZIP 4,830 RTTY DX Bulletin 03/17/95
------------------------------------------------------------------------------
4,830 bytes in 1 file(s)

HAMSAT HAM: Satellite tracking and finding programs
------------------------------------------------------------------------------
ARLK011.ZIP 4,898 ARRL Keplerian Bulletin 03/18/95
------------------------------------------------------------------------------
4,898 bytes in 1 file(s)

Total of 9,728 in 2 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : in progress
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
# Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
--
|Fidonet: Ham Dist Net 1:275/17
|Internet: Ham.Dist.Net@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.
```

3666. Re: Looking for Local Emergency Comms Groups

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 06:21:23 UTC
From: Edward Addy <nacec@millcomm.com>
Message-ID: <3kj6t3$924@news.millcomm.com>
Source record: 250423

Edward Addy <nacec@millcomm.com> wrote:
>
> The WWW address to our homepage area is:
>
> http://www.winternet.com/~nacec/index.com
>

SORRY, I MADE A TYPE-O IN THE ADDRESS!!!!

>index.com< Should be changed to >index.html<

Thanks again!

73
Edward Addy
NACEC Minneapolis
nacec@millcomm.com

3667. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 06:26:07 UTC
From: hubbert@minerva.cis.yale.edu
Message-ID: <3kj75v$ams@news.ycc.yale.edu>
Source record: 250410

I've been reading these humerous anti-no code posts for quite a while and I'll add my .02 . I started using 2m HT's while mountaineering with my friends for communication and for the event we needed a rescue. We always talked in simplex, in fact I've never used a repeater (but I've listened to a few of them). I got my ameteur license for the fact that it was easy to attain. If I had to learn code I'm sure I would not have gotten it. Remember: you need not have a license in order to purchase a radio, which I find interesting. Ham radio does not really appeal to me as a "hobby". I personally think that of the so called communicating that goes on, 99% of it is people who like to hear themselves talk, very little substance. I do think you do great work in emergencies. I also think that there would be *alot* more operating without licenses going on if the testing was dependent on learning code, which I don't see myself ever using.

I didn't really mean to bash Ham radio or it's users, I'm sure you're all nice folks.

73's (whatever that means ;-))
Rich
ke6hfy (see I wasn't kidding)

3668. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 07:14:00 UTC
From: armond@delphi.com
Message-ID: <Z4662Xg.armond@delphi.com>
Source record: 250412

Michael Blankenship <zblank@tyrell.net> writes:

>> If you look at the performance of FM it is clear that the signal will
>> be fine out to the horizon. 10 watts of VHF FM will go a very long
>> ways line of sight.

Uhhhhhh, what make propagation different for FM than AM?????????

3669. Subject: Satellites Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 07:19:00 UTC
From: pve@dg13.cec.BE
Message-ID: <2F6D2D2C@smtp>
Source record: 250411

You can get additional info from AMSAT, the amateur satellite corporation.
E-mail to info@amsat.org

Best,

Peter, KC1QF
kc1qf@amsat.org

3670. CW Tempo vs. Speed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 07:51:20 UTC
From: Steve Darden <100352.445@CompuServe.COM>
Message-ID: <3kjc5o$7en$1@mhadg.production.compuserve.com>
Source record: 250415

The Swedish MorseTrainer software we're using appears quite
well-designed. To discourage beginners from dot-dash counting
MorseTrainer lessons begin at tempo 30 (total char/min), character
speed 80 (of each character). My question: to simulate "real
world" morse sent at 13wpm, what should the tempo and speed settings
be? When both are set to 65 (13wpm x 5cpw = 65cpm), I have great
difficulty identifying the space between characters. I can copy
with the character speed set to 70, temp to 65. But I'm not sure
this is correct.

Thanks (direct email is easier for us),
Steve
I'm not sure this is correct.

Also, we are seeking text files which simulate the General Class
morse test - a "typical QSO". Since we haven't yet received our new
HF radio, we can't eavesdrop to hear live morse. Anyone emailing us
some samples for practice would be a real hero.

Thanks (direct email is easier for us),

Steve
Also, we are seeking text files which simulate the General Class
morse test - a "typical QSO". Since we haven't yet received our new
HF radio, we can't eavesdrop to hear live morse. Anyone emailing us

--
Steve Darden
Russell, Bay of Islands
New Zealand

3671. Ham radio banned at San D Conf: (22) recradioam

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 07:57:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950320040019423@digcir.cts.com>
Source record: 250416

```
================================================================================
BBS: DIGITAL CIRCUS
Date: 03-18-95 (18:29) Number: 371
From: REDDY BIGGS Refer#: NONE
To: ALL Recvd: NO
Subj: Ham radio banned at San D Conf: (22) recradioam
--------------------------------------------------------------------------------
RB>Path: crash!news.sprintlink.net!cs.utexas.edu!not-for-mail
>From: william@cortex.ama.ttuhsc.edu (Reddy Biggs)
>Newsgroups: rec.radio.amateur.misc
>Subject: Ham radio banned at San Diego Zoo ?
>Date: 18 Mar 1995 20:29:43 -0600
>Organization: UTexas Mail-to-News Gateway
>Lines: 54
>Sender: nobody@cs.utexas.edu
>Message-ID: <Pine.SUN.3.91.950318201533.22902A-100000@cortex>
>NNTP-Posting-Host: news.cs.utexas.edu

RB>Hello all,

RB>I've just returned from a brief trip to San Diego. While there, my son
>(KC5JIE) and I toured the San Diego Wild Animal Park. We always travel
>with our 2m/70cm HT's in order to allow my son the ability to roam around
>on his own, yet still rendezvous for meals & going home.

RB>This is particularly handy when going to a 'theme park' like the S D Wild
>Animal Park. This place is 1800 acres !

RB>When we had just paid for our tickets, the sales clerk said we couldn't
>bring in our radios. When asked why, he stated that all radios were
>forbidden from the park, since THEY used radios at the park and didn't
>want any interference.

RB>Not wanting to argue with someone who didn't know an HT from a CB, I
>asked if he would let us in as long as we didn't break any Federal laws.
>He saw no problem with that !

RB>If this truly is the policy of the San Diego Zoo & Wild Animal Park, it
>seems to fly in the face of good public policy. During the same trip we
>enjoyed the use of the Disneyland 146.94 repeater ! Obviously D-land has
>orders of magnitude more radios than the zoo, yet they support a ham
>repeater !

RB>I have no beef with the wishes of a property owner if they have a
>legitimate reason for not having any transmissions. Like... we are doing
>some blasting on that hill over there and don't want to set off the
```

>caps...or ... it will interfere with the animal locator, the bird show or
>whatever.

RB>BUT .... they ought to have this at the front of the park in bold
>letters BEFORE you've bought your non - refundable tickets. BTW, they
>don't have the standard legaleze on the back of the ticket....just a
>blank computer generated piece of paper.

RB>AND ..... if transmitting is so critical, then why does every Tom, Dick
>and Harry in a green jungle shirt seem to be carrying his/her own HT ?

RB>Anybody from San Diego have any experience with this problem ? Is it an
>issue at the Balboa Park branch of the Zoo also ?

RB>73's
>Reddy Biggs

RB>===
>| | |
>| William C. Biggs , M.D. | william@cortex.ama.ttuhsc.edu |
>| 1900 South Coulter Drive | |
>| Amarillo, Texas 79106 | FCC Call: KC5JIF |
>| | |
>===

* OLX 2.1 TD * If this were an actual tagline, it would be funny.

3672. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 07:57:58 UTC
From: garyk9gs@solaria.mil.wi.us
Message-ID: <3kjci7$gck@hummin.sol.net>
Source record: 250420

Chris Railton (chris@bris.ac.uk) wrote:

: I must say that more often than not if I tune around 14MHz at a weekend there
: is nothing else but people shouting "contest", usually with no regard for
: other operators such as SSTV on 14230. It makes the band unusable for anything
: else too often. Why not have a contest free zone on each band where other
: interests can be indulged?

Well Chris, I was waiting for somebody to bring up the SSTV issue. As an avid contester that operates several contests each year on 20M, i have never met a more inconsiderate bunch of hams than the SSTV types on 20M. These IDIOTS (and yes I mean IDIOTS!) think they have to have the frequencies 5 Khz +/- of 14230 to themselves. I have frequently been on 14227 or so FOR SEVERAL HOURS when one of these guys opens up right on frequency. They don't even have the courtesy to ask you to move first. To me this is DELIBERATE interference. The other thing that frequently happens is that 14230 +/- may be clear. I always ask if the frequency is in use. Usually I never get a reply. After working a few stations, there it is, SSTV right on my frequency. And since I cannot decode their SSTV, I have no way of knowing who they are. Now I know they cannot possibly conduct a SSTV contact on the frequency we are on (and they know this too), why do the fire up right on top of me??

Lastly, I KNOW they can hear me very well. I usually operate 20M with 5/5/5 yagis with the top antennas over 150'. If these SSTV guys are 30dB over S9 by me, I must be AT THE VERY LEAST as strong.

Why can't the SSTV guys operate on one of the WARC bands where there is much less interference, even on non-contest weekends?? It seems to me that 14230 would always be a pretty poor choice of frequency at any time, given the SSTV mode's need for minimal interference.

I don't mean to climb all over you personally Chris. I just felt I needed to let the others in the group know what really goes on.

73,
Gary
K9GS

--

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
|____|

3673. Ham radio banned at San D

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 08:04:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950320040019424@digcir.cts.com>
Source record: 250417

RB>Hello all,

RB>When we had just paid for our tickets, the sales clerk said we couldn't
>bring in our radios. When asked why, he stated that all radios were
>forbidden from the park, since THEY used radios at the park and didn't
>want any interference.

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>He saw no problem with that !

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>orders of magnitude more radios than the zoo, yet they support a ham
>repeater !

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>some blasting on that hill over there and don't want to set off the
>caps...or ... it will interfere with the animal locator, the bird show or
>whatever.

RB>BUT .... they ought to have this at the front of the park in bold
>letters BEFORE you've bought your non - refundable tickets. BTW, they
>don't have the standard legaleze on the back of the ticket....just a
>blank computer generated piece of paper.

RB>AND ..... if transmitting is so critical, then why does every Tom, Dick
>and Harry in a green jungle shirt seem to be carrying his/her own HT ?

RB>Anybody from San Diego have any experience with this problem ? Is it an
>issue at the Balboa Park branch of the Zoo also ?

RB>73's
>Reddy Biggs

Reddy, I have lived in san diego for 30 years and been to the zoo & wap
many,many times w/ht in hand and have never even had a hint of what you
went through!! I apoligize for all San Deigo Hams,for the way you were
mistreated and although I don't work for the zoo or the wap, I can say
with a fair amount of certinty<SP> that you had the misfortune of the
isolitaded<SP> case! (there are boneheads working everywhere these
days!) 73's de N6oid
EJ!

* OLX 2.1 TD * Hello, I am part number ||#||||#||#||#||

3674. Re: Considering a Surge P Conf: (22) recradioam

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 08:11:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950320040019425@digcir.cts.com>
Source record: 250418

```
================================================================================
BBS: DIGITAL CIRCUS
Date: 03-18-95 (06:57) Number: 374
From: LYDIA POLK Refer#: NONE
To: ALL Recvd: NO
Subj: Re: Considering a Surge P Conf: (22) recradioam
--------------------------------------------------------------------------------
Good job Lydia!
It's about time someone put those boneheads who hide behind there
keyboards in there place! VERY good job!
Let me know more about your artical,(can you pose it rto me?
Thanks, you made my day!
EJ! N6oid

* OLX 2.1 TD * It's only a hobby ... only a hobby ... only a
```

3675. Re: HELP THIS HAM PLEASE! READ!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 08:51:12 UTC
From: brucem@eskimo.com
Message-ID: <D5qDxD.E6q@eskimo.com>
Source record: 250424

How about supplying the addresses to these places so we can write?

3676. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 08:57:49 UTC
From: smtp@zeus.USG.PRovo.NOvell.COM
Message-ID: <9503200857.AA26226@ns.Novell.COM>
Source record: 250421

```
From smtp Sun Mar 19 00:33 MST 1995 remote from zeus
Received: from mail.ucsd.edu (ucsd.edu) by ns.Novell.COM (4.1/SMI-4.1)
id AA23193; Sun, 19 Mar 95 00:30:19 MST
Received: by mail.ucsd.edu; id VAA08854
sendmail 8.6.10/UCSD-2.2-sun
Sat, 18 Mar 1995 21:09:14 -0800 for info-hams-list
Received: by mail.ucsd.edu; id VAA08820
sendmail 8.6.10/UCSD-2.2-sun
Sat, 18 Mar 1995 21:09:12 -0800 for info-hams-ddist
Errors-To: info-hams-relay@ucsd.edu
Errors-To: info-hams-relay@ucsd.edu
Content-Length: 23355
Content-Type: text
Sender: info-hams-relay@ucsd.edu
Precedence: List
Message-Id: <199503190509.VAA08820@mail.ucsd.edu>
Date: Sat, 18 Mar 95 21:09:09 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@ucsd.edu
Reply-To: Info-Hams@ucsd.edu
Precedence: List
Subject: Info-Hams Digest V95 #219
To: Info-Hams@ucsd.edu

Info-Hams Digest Sat, 18 Mar 95 Volume 95 : Issue 219

Today's Topics:
(none)
1x2 & 2x1 Calls
Advice to TS 940 owners
Anyone tried MSCAN?
Contesting - why?
Elitist attitude against No-Codes
How to start a Holocost that never happened
Lead Acid Battery Charge
Public awareness and image of ham radio
QST magazine address?
RE-NO CODE TECHS GETTING TH
TCP/IP
UHF/VHF anti-virus filter
Who do i contact for t
Who do I contact for TVI in Racine WI
WWW amateur homepages
```

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 Mar 95 01:24:39 GMT
From: gaetan@magi.COM (Gaetan Marquis)
Subject: (none)

subscribe info-ham Gaetan Marquis

Date: 17 Mar 1995 21:53:59 GMT
From: bob@raddev.com (Bob Levine)
Subject: 1x2 & 2x1 Calls

I posted an article last week offering listings of the
available 1x2 and 2x1 calls in any district.

Please:

If you send a floppy for all the listings, please format
it and VIRUS check it. I already got one with FORM VIRUS
and one with MONKEY VIRUS. Good thing I run Norton Anti
Virus. 3.5" or 5.25" 1.44M,720K, or 1.2m in the case of 5.25".

Dont send me any money. I've returned all the dollar bills
and IRCs. You'll get a Radio Devices catalog and that is
my "payment". Maybe you'll see something on it you like....

Send business size SASE and if you send a floppy, please
send a SASFM (self addressed stamped floppy mailer). Floppy
disks werent meant to travel in an envelope with .32c postage.

BTW, I didnt weed out the calls that arent in the continental
US like WP1* or KL1* etc.... I havent seen anything that says
you cant pick one of those. They arent in the US according to
DXCC, but according to the ITU I think they are?

--
==
==
Radio Devices email for complete cdrom or Ham catalog
32 Queens View Road QRZ $14.95, Buckmaster $42.95 + postage
Marlboro, MA 01752 Linux,OS/2, MAC,Windows,Unix, CICA,SIMTEL
(508)480-0502 KD1GG Ramsey Kits, Antennas West, Power Station
================== Oak Hills Research QRP Kits,Anli Antennas

Master Card/VISA, Personal Checks, Money Orders gladly accepted
Radio Dev on World Wide Web http://www.raddev.com/biz/raddev/
==========

Date: 18 Mar 95 19:44:51 GMT
From: turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG)
Subject: Advice to TS 940 owners

Just finished my Fan project here on my 940. IF your fan is getting loud and is old, I might recommend a replacement motor (pretty easy installation) or at least a good single drop of teflon lubricant to the shaft. If it is old, I recommend replacement ($27 from Pacific Coast Parts) since mine just "stopped" without warning and since there is a thermal switch, I didn't know whether it was off because the power supply was not yet hot or if the fan was broken. Well, the motor just wasn't spinning up. Result: two shot pass transistors on the power supply and some down time and concern about my radio. The transistors are not expensive (well, if you have Kenwood do it they are more than double the going price, but $12 apiece for two of them is not a killer), but the heat generated can do other damage.

The other thing I have done to prevent future problems is to put a resistor in the thermister line to keep the fan running on low speed at all times. That way the power supply stays within a narrower temperature range for more of the time, AND I will KNOW if the fan circuit has a problem, since I won't hear the fan at all. This little mod was courtesy Tom, K2CZ, and involves a 2.2 K 1/2 watt resistor across the leads of plug 13 on the AVR board. (ONLY do this if you have some solid electronic knowledge and basic understanding of the radio, PLEASE! Don't hurt your radio or yourself!)

Clark
.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

Date: Sat, 18 Mar 1995 21:47:41 GMT
From: eengel@eskimo.com (Ed Engel)
Subject: Anyone tried MSCAN?

Has anyone tried a SSTV program called MSCAN20P and know where to find it on the INet? Thanks.

73 de Ed Engel N7UQZ
eengel@eskimo.com

Date: 16 Mar 1995 15:59:19 GMT
From: tigger@prairienet.org (Sean E. Kutzko)
Subject: Contesting - why?

In a previous article, dmunroe@vcd.hp.com (Jordan Peugeot) says:

>Could someone explain what the appeal is in contesting? I realize that
>people have differing ideas of what is fun, but, if contesting is what
>I think it is, spending an entire weekend making thousands of extremely
>brief contacts not only sounds boring, but also seems to be an incredible
>abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
>have real QSO's and possibly make new friends in the process?

As the previous respondent pointed out, if you don't understand, no explanation is possible. However, I will try.

My personal enjoyment comes from the competitive nature of the event. I find this quite amusing personally, since I am not a competitive person by nature EXCEPT in a contest. I have never been one for ragchewing. My personal enjoyment in the hobby does not come from talking to somebody about their wife and kids, or what kind of garden they've planted this year (Unless they're from the African continent!). I am a DX'er and Contester. Yes, this means I send and receive a lot of "599 QRZ?" exchanges. For some, that can be comapred to a video game, or at the least, quite boring.

My primary enjoyment comes from the fact that I have established two-way contact with somebody on the other side of the earth. It doesn't matter what the duration of the contact is...to me, the mere fact that I am able to do it serves as enjoyment enough.

I am constantly trimming or pruning my station to make it as efficient as possible. I'm hardly a Big Gun operator, but I like to see what I can do with the equipment I have. To me, contesting is the best way to put my station through the ringer, find out what it's strengths and weaknesses are (and my personal ones, too), and examine room for improvement. In addition, contesting offers me chances to take care of the awards that I'm currently pursuing (DXCC, VUCC, WAZ, 5B WAS) with an alarming degree of efficiency Example: I decided I wanted a good, short-term challenge, so I decided to go for WAS on 160m. I only have a 40m dipole for a 160m antenna, so this seemed like a decent personal and station challenge. I was able to accomplish this feat in less than 3 months, primarily due to the ARRL 160m and International DX contests. There are some folks that have been trying to do this for several years. Does that make me a better op? I don't think so. Perhaps a wiser investor of time, but not "better."

Regarding meeting new people, I've made more long-term friendships (8+years) through contesting than by ragchewing. I've even been invited to operate from some places around the world where the "local" has opened his home and station to me for next to nothing (in one case, NOTHING),

allowing me to see different parts of the world that I couldn't afford to see otherwise.

As for the presumed "waste" of spectrum, let's make the analogy to auto racing. Lots of people enjoy getting in their cars and driving in a circle at 200mph for hours on end. I don't get it. You could even argue that in this day and age of "reduce, reuse, recylce" and "save our natural resources," auto racing is a trememdous waste of petroleum products. Obviously, there are lots of folks who don't see it that way. besides, if you don't enjoy the QRM caused by contesting, you can always switch modes of communication. If it's an SSB contest, ragchew on CW. (You DO know CW, right?) Also, remember that contests are limited to 48 hour periods. You can ragchew ANY day of the year.

I personally feel that slow-scan TV is one of the most obnoxious forms of communication by ham radio there is. But then again, who the hell am I to judge? Do what you enjoy the most.

These are my two cents. I speak for nobody but myself.

73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/294 cfmd
Updated: 13 March 1995 Latest New One: ZL9GD
Support congressional funding for Public Broadcasting!

Date: 17 Mar 1995 22:24:57 GMT
From: furuta@cs.tamu.edu (Richard Furuta)
Subject: Elitist attitude against No-Codes

In article <3kcr8n$ler@nyx10.cs.du.edu>,
Greg Corteville <gcortevi@nyx10.cs.du.edu> wrote:
>After reading this newsgroup for a while, I feel I should make a couple
>of comments. It seems as though there are an inordinate number of
>people out there who feel that the No-Code Tech is a Know-Nothing Ham.

I think it is more the case that there are a few people out there who feel that way and also insist on letting the rest of us know about it! I like to believe that the majority are more even-minded than that. One factor that it's good to keep in mind is that since this topic of discussion is a never-ending one, after a while the only folks left talking are those with an ax to grind---the rest of the group has decided that there's no future in trying to change the minds of the disgruntled.

--Rick
KE3IV

Date: 18 Mar 1995 19:35:03 GMT
From: w9sz@prairienet.org (Zack Widup)
Subject: How to start a Holocost that never happened

In a previous article, russ.wuertz@spacecoast-bbs.com (RUSS WUERTZ) says:

>
> People are commenting on how un-controllable the start of WWII was
>for both Germany and the United States.
>
> Techneques used to provoke a war are the use of radio waves to
>broadcast "sounds" and to follow people and events just like CNN does,
>but they do not stop until a war starts.
>
>
> Juvilile delinquents and Ayrens are blamed and a techneque that
>broadcasting uses to follow "turf" wars and Blonde and Brunett problems
>are played up.
>
> Mass parinoia and people starting to get MADD and run around
>with red ribbons is surely the start. Robbing peoples thoughts and
>over survailance and sexual harrassment.
>
> A Blonde biker gang and a Brunette biker gangs wars about
>Robbing thoughts and telepathy is the start of World Wars. The blondes
>are supposed to be following the brunettes and the brunettes killthem.
>

I don't get it! What's this all about? What am I missing?!?!

Zack W9SZ

Date: 15 Mar 1995 14:49:27 -0800
From: hoxsiew@crl.com (Wayne Hoxsie)
Subject: Lead Acid Battery Charge

Dale Chidester (chideste@pt.Cyanamid.COM) wrote:
: Some time ago, a formula was published for the density of the sulfuric acid in
: a lead-acid battery and the state of it's charge (% charge). Naturally I filed
: it away for future reference. Now that I need it, however, I can't find it!
: Could someone, with a better filing system than I have, please send me the
: relationship again?
: Thanks,
: Dale

Hope I can help you Dale. Here's what I know: A fully charged lead-acid
wet cell should have a sulfuric acid concentration of about 30% by
weight. A fully discharged battery will be near zero. A 30%
sulfuric acid solution has a density of 1.2185 g/mL. Assuming a linear
relationship of charge v. concentration, a suitable formula would be:

density = 0.002185 * %charge + 1.000

or rearanged for %charge:

%charge = (density - 1.000)/0.002185

Hope this helps.

--
Wayne

Date: Sat, 18 Mar 95 04:42:07 GMT
From: abraun@alb.med.itc.com (Alan Braun)
Subject: Public awareness and image of ham radio

In Article <D5Gqx6.KAH@zeno.fit.edu>
wnewkirk@bb.iu.net (William Newkirk) writes:

> In article <3k4egf$i3s@news.ualr.edu>, Doug Mauldin <gdm@fermi.ualr.edu>
wrote:
> >to his Boy Scout troop meeting to show them off. The Scouts have
> >historically been involved in amateur radio, right? Well, guess again.
> >The scoutmasters confiscated his HT until after the meeting and told him
> >not to bring it back.
>
> do they still have the radio merit badge or is that all wrapped up in
> a "communications" badge these days?
>
There is still a "Radio" merit badge in addition to the "Communications"
badge. (I don't guarantee the accuracy of all this as my son just joined Boy
Scouts a week ago and I've only looked briefly at the requirement book
once). The Radio badge has 3 tracks... one for broadcasting, one for SWL
and one for ham radio, with a set of requirements for each - the boy
chooses which one he wants to do. The ham radio track requires learning CW
and making some HF contacts as well as collecting a few QSL cards. The
Communications badge, on the other hand, which I think may be an Eagle
required badge, deals with such things as public speaking, letter writing,
resume writing etc and has nothing to do with radio at all.

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

Date: 15 Mar 95 20:39:00
From: Tom.Hammond@f67.n289.z1.fidonet.org (Tom Hammond)
Subject: QST magazine address?

BI>Anyone know how I may get in touch with QST, magazine?

Sure:

American Radio Relay League (ARRL)
225 Main Street
Newington CT 06111

203-666-1541

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

Date: 17 Mar 1995 19:51:24 GMT
From: ron@fc.hp.com (Ron Miller)
Subject: RE-NO CODE TECHS GETTING TH

Dana Rodakis (dgra@qmgate.ECi-esyst.COM) wrote:
: The reason most newcomers don't know anything is that you don't have
: to know anything to get a license. You just have to memorize the
: answers. IMHO, making the question pools available is a cheat. Back
: when I got my license in 1978, you had to go to the FCC field office
: and face the man with the white shirt and black tie proclaiming "So,
: you want to be a ham radio operator, I don't think so!" You had to
: LEARN it to pass the test. 73, Dana, AJ1R.

This is most assuredly not true.

When I passed my Advanced in 1972 (at age 14) I did it by memorizing
the answers to the test guides along with a little bit of knowlege.

I didn't know very much then.

Still don't sometimes.

Ron Miller
NW0U (formerly WB4UWH)

Date: Fri, 17 Mar 95 22:30:32 EST
From: techman@ace.com (Techman)
Subject: TCP/IP

Hi
Can anyone please tell me a little about TCP/IP how it works,i think it
is suppose to allow you to send internet email to packet am i correct on
this,also does anyone know any systems in and around Waltham,Mass that
runs it.Any info on how to use and access these systems.Thanks in
advance.
73 BOB BRUNDIGE N1UAN WALTHAM,MASS 02154
EMAIL {techman@ace.com}

Date: Fri, 17 Mar 95 17:41:38 GMT
From: wmeahan@ef0424.efhd.ford.com (Bill Meahan)
Subject: UHF/VHF anti-virus filter

dbushong@wang.com (Dave Bushong) wrote:
>
>In this month's Wordradio, page 15, there is an article about a
>UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
>FT-470.
>

Looks like April 1st has come a bit early this year :-)

73 de wa8tzg!

--
Bill Meahan, Senior Developer | wmeahan@ef0424.efhd.ford.com
Electrical & Fuel Handling Division, Ford Motor Company
Opions expressed herein are those of the author and in no way represent
any official statement or opinion of Ford Motor Company

Date: Fri, 17 Mar 1995 11:42:35
From: k0hb@hamlink.mn.org (Hans Brakob)
Subject: Who do i contact for t

PP>
PP>Who would a person contact regarding the interference problem? The
PP>OO for Wisconsin? A Milwaukee area ARRL representative?
PP>

Perhaps it's obvious, but the first person to contact would be the
station, if it can be identified, that is suspected of causing the
interference.

I would also get your local club RFI committee involved. Also the
ARRL Technical Assistant for the area. (Your Section Manager,
listed on page 8 of QST, would know who that is.)

73, de Hans, K0HB

Date: 15 Mar 1995 19:14:33 -0600
From: sbukosky@execpc.com (Steve Bukosky)
Subject: Who do I contact for TVI in Racine WI

In article <3k4j0l$h5@news.doit.wisc.edu>, Paulette Quick wrote:
>

> There is alledgedly a ham causing interference to the neighbors' TV and
> other electronic equipment. The location is Racine, Wisconsin, which is
> about 25 miles south of Milwaukee.

It's been a while since I've been on but one of the fellows on the 7.27
repeater was on the local RFI committee. Give a hollar on that and see
what pops up.

Steve N9BGH

Date: Fri, 17 Mar 95 17:50:33 EDT
From: pp000719@interramp.com
Subject: WWW amateur homepages

> In article <3jut70$le8@eldborg.rhi.hi.is>,
> sveinnsv@rhi.hi.is says...
> >
> >Im looking for dedicated amateur WWW homepages. If
> you or your club has one
> >please email me. I will post a summary later.
>
> One that I like (In the Montreal area) is:
>
> http://www.cam.org/~dino/ham.html
>
> ---
> Don Lafontaine (VE2UFO)
> Canadian National Railways Montreal Quebec,
> Canada
> Telecom Engineering Email -
> lafont02@godzilla.cn.ca
>

Check out the new WWW site of the American Digital Radio Society
(ADRS) at: http://www.iea.com/~adrs which has many, many
hyperlinks to other amateur radio web sites, organizations,
clubs, individuals and other ham radio resource on the Web!

Date: 16 Mar 1995 06:43:00 -0600
From: horak@convex.com (David Horak)

References<3jkgvh$6m2@mrnews.mro.dec.com> <3k74dp$luv@freenet3.scri.fsu.edu>,
<D5IK9y.JMM@vectorbd.com>
Subject: Re: Tandy HTX-404

In <D5IK9y.JMM@vectorbd.com> rkm@vectorbd.com writes:

>: That's amazing! Especially since the specs say only 6W out with 13.8V in.

> Actually, I get 10.2W with a 13.8V supply.

Sounds like you might need to check your wattmeter.

David

Date: Wed, 15 Mar 1995 21:48:54 GMT
From: zlau@arrl.org (Zack Lau (KH6CP))

References<1995Mar10.160433.2270@ke4zv.atl.ga.us> <3jqh5v$o6f@universe.digex.net>,
<3jqmr7$dqf@netnews.upenn.edu>
Subject: Re: C connectors?? (Was: Re: PL-259 vs. N-style connectors?)

Jeff DePolo (depolo@red.seas.upenn.edu) wrote:
: why it would have higher power rating. There is an HN, which is a modified
: N connector made to handle higher voltages. EIA flanges are often used
: in broadcast applications and on larger cables for their high power handling
: as well as ease of pressurization across cable junctions for air lines.

Interestingly, according the the Andrew catalog, N and HN connectors have
the same *power* rating at 900 MHz, 0.6 kW, even though HN connectors have
twice the DC test voltage rating (4 vs 2 kV). Doesn't look like N
connectors will handle the legal limit on 23 cm--are there special versions
available?

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: 15 Mar 95 16:13:54 -0600
From: levy@fndcd.fnal.gov

References<9503132016.0SH5S00@shivasys.com> <3k36pa$3io@chnews.intel.com>,
<MARK.95Mar15160358@pooh.era.com>
Subject: Re: Need windows 3.1 for

In article <MARK.95Mar15160358@pooh.era.com>, mark@ERA.COM (Mark Feit) writes:
> On rec.radio.amateur.misc, cmoore@sedona.intel.com posts:
> >
> > > If I wanted to send Jonathan my copy of Windows 3.1 that I no longer
> > > use, and delete it off my system. (which I have already done as I run
> > > 3.11 WFW) then I don't see how I am breaking any laws. I am simply
> > > giving him my old unused copy of that program. I have removed it from my
> > > system so it will not be installed on two systems at once. Where is the
> > > legal problem??
> >
> > I'm no lawyer, but I'm pretty sure it violates the Microsoft copyright
> > if you upgrade from 3.1 to 3.11 and give away 3.1 Software gets stolen
> > all the time and I object to the practice. Can't see how you can dis-
> > agree.
>
> I'm no lawyer either, and I don't agree with theft of software, but
> after reading the license, I think I can disagree with your assessment
> of whether or not giving away an unused copy of a program violates
> Microsoft's license agreement (or the law, for that matter).

This question needs to be answered first. There are wo versions of WFG 3.11: an upgrade version, to be applied over Windows 3.1, and a complete version. The original poster did not indicate which one he had, but, if it was the latter, I see no problem with him giving away his old copy of Windows 3.1.

This is not significantly different than intentionally buying an old version (I receive a catalog from an outfit known as "Surplus Software". lots of old software really cheap) and promptly buying the new version at the upgrade price.

--
==========
[Fermi National Accelerator Laboratory]
==========
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==========

End of Info-Hams Digest V95 #219
****

3677. SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 12:12:27 UTC
From: misrael@scripps.edu
Message-ID: <3kjrfb$969@riscsm.scripps.edu>
Source record: 250425
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

In article <9503151600373396@mogur.com>, bob.cunningham@mogur.com (Bob Cunningham) writes:

> The [alt.usage.english] FAQ gives the impression that the
> International Distress Signal consists of the letters SOS. This is
> not true. The letters SOS in Morse Code would be the sequence
> "... --- ...". The distress signal is "...---...". It is a
> single Morse-code character. In radio school we were emphatically
> told to avoid thinking of it as SOS, the danger being that we would
> be led to transmit it that way.
>
> It *is* correct to refer to it as SOS with a solid bar drawn across
> the top. This means that it has the same dot-dash pattern as SOS,
> but with no spaces.

The alt.usage.english FAQ entry that Bob is objecting to reads as
follows:

```
# "SOS"
# -----
#
# SOS does NOT stand for "Save Our Ship/Souls", for "Stop Other
# Signals", for "Send Our Saviour/Succour", or for the Russian
# _Spasiti Ot Smerti_ ("save from death"). The letters, recommended
# at the international Radio Telegraph Conference of 1906 and
# officially adopted in 1908, were chosen because they were easy to
# remember, transmit, and understand in Morse code (...---...).
# They have no other significance.
```

Let me confess that I did once have the spaces there, but I fixed
that as a result of e-mail I got from a British radio ham in September
(before Bob joined the Net). Looking at that e-mail again, I have
now decided that it is worth explicitly mentioning that SOS is
transmitted as a single symbol.

Bob's original subject line was "Error in FAQ". The alleged error,
I take it, is my use of the word "letters". That SOS is transmitted
as a single symbol now does not disprove that letters were adopted in
1908. I have two reference books (Collins English Dictionary and
the Henry Holt Encyclopedia of Word and Phrase Origins) that say that
the *letters* were adopted. In the absence of additional historical
information (I am cross-posting to a couple of radio newsgroups in
the hope of receiving such), I see no evidence of an error.

--
misrael@scripps.edu Mark Israel

3678. Re: 2M thru-glass antenna recommendations/results?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 12:18:39 UTC
From: drumhell@claudette.nrl.navy.mil
Message-ID: <3kjrqv$930@ra.nrl.navy.mil>
Source record: 250426

In article <1995Mar18.154318.17700@integrity.uucp> bruces@mpd.tandem.com (Bruce Sawtelle) writes:
> ...
> Can anyone give me some recomendations/results about some of the 2M
> thru-glass antennas. I realize they're not as efficient as some of
> the better 5/8w antennas, but we've got pretty good coverage for the
> repeaters down here in Austin.
> ...

My bother (Mike, N3UMY) and sister-in-law (Michelle, N3SYE) recently purchased a through-the-glass 2-meter antenna, and installed it on their Honda Civic. (They were tired of scratching the paint with the mag-mount antenna, and wanted a permanently installed antenna that did not require a hole (*shudder*) to be punched into the car body.)

Currently they're having some problems tuning the antenna. The installation is correct, but they're unable to resonate the antenna through the coupling box located in the car interior. I suggested they call the manufacturer (Antenna Specialists), and they did. The technical rep said that they had no record of anyone having difficulty installing the antenna on the make and model of car that they own, and thinks that the coupling box is inoperative. So in an act of good faith, he's sending them a new coupling box, and whip in the mail. Hopefully my brother will receive all of this in the mail this week.

Lessons learned: (1) It appears that some of the well-known manufacturers are willing to work with customers who have purchased a through-the-glass antenna, (2) before you even purchase the antenna, call the manufacturer and see if their through-the-glass antenna will work on your car. (Some types of tinted glass cannot be used with through-the-glass antennas.)

-Dave, KA3QBQ
--
David Drumheller phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

3679. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 12:32:28 UTC
From: ehare@arrl.org
Message-ID: <1995Mar20.123228.3377@arrl.org>
Source record: 250427

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:

: Sorry, I guess I was mistaken that absorption was a basic concept covered
: even in the Codeless tech material. Silly me.

Now, Michael, how is it that someone who doesn't know what is and is not
covered in the Technician Class material has so much to say about its
content? :-)

73 from your friend at ARRL HQ, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

3680. Antenna tune-up hint.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 12:35:22 UTC
From: drumhell@claudette.nrl.navy.mil
Message-ID: <3kjsqa$9ef@ra.nrl.navy.mil>
Source record: 250428

Just some info...

This past weekend my brother (Mike, N3UMY) and I were playing around with his 2-meter car antenna, and we were having difficulty getting the SWR meter to give us consistent readings. In particular, his little mag-mount showed a very high SWR (5:1), which was quite a surprise since it never had to be tuned before. So what was going on? Well, we looked around the area where the car was parked a guess what we saw? A metal chain link fence, telephone poles with power lines, phone lines, and guy wires on them, a large metal gutter on the house, etc. There was metal all over the place, some of it just a few feet from the car. So we moved the car to an empty school parking lot. The meter then showed the 1:1 matched we had expected.

I was surprised to see just how much all that metal affected the performance of the antenna. I had once read that one should not try to tune an antenna that is closer than two wavelengths to a large metal object. My experience that passed weekend seems to agree with this statement. Comments anyone?

-Dave, KA3QBQ
--
David Drumheller phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

3681. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 12:56:02 UTC
From: gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE
Message-ID: <3kju12$q7c@hatch.sonalysts.com>
Source record: 250429

Greg Corteville (gcortevi@nyx10.cs.du.edu) wrote:
> After reading this newsgroup for a while, I feel I should make a couple
> of comments. It seems as though there are an inordinate number of
> people out there who feel that the No-Code Tech is a Know-Nothing Ham.
> The recent thread concerning correcting another Ham's misunderstanding
> of propogation is a perfect example. I find it to be a shame that
> people must measure how far they've come by putting others down. That
> seems to be the attitude around here. On a local repeater I even heard
> somebody say, "Next thing you know there will be a way that my dog can
> get a ticket."
>
> Its remarks like these that makes me wonder what is keeping this hobby
> alive. After some careful thought, I realized that is is in fact those
> that go through the trouble of educating others, rather than laughing at
> them, scoffing at them, and posting about them. This is the true
> essence of Amateur Radio. Those of you who put down the new hams with
> your "Back in my day" horror stories of testing seem to have lost sight
> of this. Sure, the No-Code Tech license is easier to get than licenses
> in the past. But is that the fault of the Tech's? Are they not worthy
> of a license because they didn't take the test 5, 10, or 20 years ago?
> Are they not worthy of the license because they haven't passed a Morse
> Code test, yet? Many Techs are brilliant people in their profession and
> enjoy broadening their horizons via Amateur Radio. Don't slam the door
> in their face.
>
> The license has probably helped more than some are willing to admit. It
> has pumped a new life into the hobby, from my understanding. Many
> Tech's get the license to see if there is anything interesting on the
> Ham bands. Those who get hooked, advance from there. Those who don't,
> leave it at that.
>
> Is a person holding a Technician license necessarily stupid because they
> can't recite the laws of propagation? Are they worthless because they
> can't go into great detail about certain circuit fundamentals? I would
> invite those of you who take this information for granted to get off of
> your soap box and spread the knowledge instead of complaining about the
> testing system. Also, remember that no matter how much you know, there
> will always be somebody out there that knows more...Guaranteed! Does
> that make you less of a person?
>
> I have yet to see a testing book that goes into great detail about the
> underlying principles behind the answers on the exams. Ultimately, I
> think this would be the most effective way to study for an exam and even
> retain some of the information presented within. However, there is also

> *NO* substitute for on-the-air practice and talking with the Pro's who
> are willing to teach. This is the greatest strength behind the No-Code
> Tech license.
>
> In conclusion, a hearty congratulations goes out to all the recently
> licensed amateurs. A hearty thank you goes out to all the old timers
> who are willing to teach the new comers. Your efforts are what keep the
> service alive. And finally, I would like to ask all of those doing the
> complaining about the "Know-Nothing Techs" to please follow suit. Its a
> shame that one must inflate their ego by putting down others, and at the
> same time push the responsibility of education off to their neighbor.
> It is this elitist attitude that is most destructive.
>
> KB8WFV
>
> (Not bad for a No-Code Tech like myself, eh?)
>
> BTW... I would invite those who are interested in teaching or learning
> to look for the opening of my BBS in about a month. It will be based in
> the Detroit Metro area (810) and carry A LOT of information on many
> topics. There will be sizable Ham message and file areas. I will
> post more information as the system nears completion.
>
> Flames to /dev/null, please.
>

I'm with you 100%. You don't need a Porche to drive in the fast lane, and
you don't have to bat .400 to use the town's baseball field. To use
the spectrum, all you have to do is keep from interfering with the other
stations. That's the intent of the law. I never heard so many elitist
science fair geeks in all my life.

--
****
Dr. Al Gerheim, N4QN |Opinions expressed here| Sonalysts, Inc.
gerheim@sonalysts.com |are my own. | 215 Parkway North
Work: (203)442-4355 | | Waterford CT 06385
****

3682. SWR question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:13:07 UTC
From: she@victor.hiof.no
Message-ID: <she.3.011AD6CF@victor.hiof.no>
Source record: 250144

A friend of mine are using a CB arial (27MHz) on his amateur radio. He gets a lot of SWR on this antenna on 40 and 80 Meter (obvious).

The thing is that he is quite happy with it, because he manages to tune the SWR down with his antenna tuner.

Do you get more power out from the arial using an ordinary antenna tuner, or is it the tuner that burns up the reflected power?

Sindre.Helvik@hiof.no

3683. packet.....

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:16:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8467.545@acenet.com>
Source record: 250430

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

RA>Ook ik wil graag wat goedkoper met anderen in verbinding komen, maar ik weet
RA>niet hoe...nou ja...

RA>... En dat wilt ik nou ff kwijt......

Ja! Dat iss fery fonny, RIENTS! End kwijt Vit snting der verden en
dat dobblespik lengvich!

 SLMR 2.1a Chain tagline stolen <<21>> times. Steal, add 1, pass on

3684. Re: Best of Net - Home Pa

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:16:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8464.545@acenet.com>
Source record: 250431

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Clay, I got a good laugh out of these messages and am glad to
see someone else speak out against the stupidity of it all!
Great job & dittos on the "VIVA CW!!"

CC(>In article <ko4ta.155.0007D41E@mindspring.com> ko4ta@mindspring.com (Don
CC(>Simpson)
CC(> writes:

CC(>>Please check out the best of Net - World Wide Web Home page!

CC(>Looks like the vendetta continues. More form letters for us ignorant reade
CC(>to sign and send in to FCC/Congress/ARRL complaining about K1MAN lest we fo
CC(>an opinion of our own. What an excellent use for a WWW Home page.

CC(>73,
CC(>C. C. (Clay) Wynn, N4AOX
CC(>registered agent of Amateur Radio Nitwittery Investigations (A.R.N.I.)
CC(>==========
CC(>= ...- .. ...- .- - . .-.. . --. .-. .- .--. .... -.-- =
CC(>==========

• SLMR 2.1a • Chain tagline stolen <<21>> times. Steal, add 1, pass on

3685. W5YI Files Petition for F

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:16:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8465.545@acenet.com>
Source record: 250432

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

DS>Today W5YI Fred Maia filed a formal petition with the FCC. The petition
DS>requests the FCC modify part 97 to prohibit one way broadcasting below 30 mH

DS>To see the full petition go to the following WWW address.

DS>http://www.mindspring.com/~ko4ta/bestofnet.html

DS>Happy Hamming....

Again? He filed it again?
I can see it now, along with the usual quarterly published list of
crazy petitions that go to FCC and eventually get written up in QST.

Like,

"KE4ZZT petitions FCC to increase power limit to 5 kW" and

"KE1ZZO petitions FCC to give all of 1.0 through 30 MHz to Class D
Citizens Band"

and

"N5ZZX petitions FCC to ban discussion of household appliances
above 450 MHz"

etc. ad nauseum. :-)

• SLMR 2.1a • Chain tagline stolen <<21>> times. Steal, add 1, pass on

3686. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:16:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8466.545@acenet.com>
Source record: 250433

Newsgroups: rec.radio.amateur.misc

GB>I don't think 'caveat emptor' is necessarily appropriate here. After
GB>all, you made your purchase, and made the deal. Through no fault of
GB>the dealer, you decided that the equipment was surplus to your needs.
GB>It wasn't defective. It wasn't wrong. You just didn't like it. Very
GB>likely, all the information you needed to make that decision was
GB>available, pre-purchase, in the literature and perhaps on the demo-table.

Maybe not entirely.

GB>This, after using the equipment for an unspecified period.

You seem to assume it is a LONG period.

GB>You then returned to the dealer, offering him for sale a slightly
GB>used rig, for which he offered a price slightly lower than that
GB>for which he'd be able to sell it (he could mark the same price you'd
GB>paid, but then he wouldn't be fair to the fellow who got it next).

Total exaggeration Greg!

GB>There's no reason that he should give up any of the proceeds of the
GB>sale, plus incur the overhead costs of having both done and un-done
GB>the deal. It's only fair that the cost of your changing your mind
GB>should be yours and yours alone.

It's just not that cut and dried. Ask him some more questions about this
hypothetical circumstance.

GB>The point is.... ....buyer's remorse, if the buyer hasn't been misled or
GB>over-sold, is really the buyer's problem.

Most retailers don't agree with you. (Unless you live in England of
course!) Typically, a buyer will purchase a new item for their home.
They get it home, and find that the color does not match the scheme in
the home when the lighting etc. is in place. Or the kids didn't like
it. Or the husband preferred the larger model etc. They return it
swiftly in perfect condition, and a full refund is given with no
questions asked anywhere in the U.S.

GB>Somehow we've come to expect
GB>ham equipment dealers to go to more extraordinary measures than other
GB>merchants,

nonsense. We expect them to be more difficult to deal with because of
the more competitive nature of their business.

GB>possibly because of the fraternal nature of the hobby. In
GB>doing so, though, are we really being fair to the 'brethren' among us
GB>who make it their life's work to keep us in toys? Yes, some make a
GB>good living at it, but most of them could probably do better selling
GB>consumer electronics.

Again this is JUST not true. I might have agreed if you had mentioned
ANY OTHER business than consumer electronics Greg!

THAT is a very tough HIGHLY competitive business with a smaller profit
margin than ham gear in most areas.

Noticed how consumer electronics prices continue to go DOWN all the
time, and ham prices go UP all of the time? I guess not!
Think about it... 73 de AF4K

 SLMR 2.1a Chain tagline stolen <<21>> times. Steal, add 1, pass on

3687. Ham radio banned at San Diego Zoo.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:21:22 UTC
From: sbaker@umassmed.UMMED.EDU
Message-ID: <9503201321.AA02059@umassmed.UMMED.EDU>
Source record: 250434

I'm not surprised that Six Flags gave you a hard time about an HT, I had to check my Swiss Army Knife which I keep in a leather belt holster while at 6Flags Great America last year.
--

Stephen P. Baker phone: (508) 856-2625
Lecturer in Biostatistics (508) 856-3131 fax
Department of Academic Computing (413) 253-3923 home
University of Massachusetts Medical School e-mail: sbaker@umassmed.ummed.edu
55 Lake Avenue North -.- -.. .---- .--. ..-.
Worcester, MA 01655 http:// (under construction)
GAT/MA(CS)d+/-p-c++lu++e++m--(++)sn+h---fg+w+t+r-y+(*)

3688. RE: Info-Hams Digest V95 #218

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:33:10 UTC
From: ODONNELLP@MAR65.MAR.ORA.FDA.GOV
Message-ID: <950320083310.28cd@MAR65.MAR.ORA.FDA.GOV>
Source record: 250435

RE: B3016 FET Replacement

Zack wrote:

> "may determine the sensitivity of the system"

Actually, determines the system temperature (noise figure). And, even today's "state of the art" (as their called) VHF and/or UHF transceivers are pretty deaf (high noise figure), and require the use of a well designed low noise preamp ahead of them for any serious weak signal work. The closer the preamp is placed to the antenna feed point, the better, as the losses are cumulative.

Paul
wb2oyc

3689. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 13:48:50 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kk142$40i@thor.inlink.com>
Source record: 250436

RGR on the terrible coax, cost me a citatation.....

3690. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 14:03:37 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kk1vp$40i@thor.inlink.com>
Source record: 250437

I will take the time to make a formal apology to the No-Code Tech's out there, for the Senile Old Hams who who are just a bunch of little old ladies, chatterboxing away for lack of anything more important to do.

Most of these old geezers, albiet some younger geezers also, probably work totally from store bought equipment, into store bought amplifiers, into store bought antennas.

I welcome the No-Code Techs. I feel it is a great way to get into Amateur Radio so you can then decide what coursee of the hobby you wish to pursue. Thanks to the onrush of N0 o-Code Techs, many of our bands that were close to being lost to commercial interests can now be saved.

When I was first licensed back in 1959, upgrading or should I say, back in those days, upgrading to Tech was in effect a downgrade of magnum proportionl . Too all of you new guys, If a Novice decided to upgrade to Tech class, he wuold loose all of his HF priviledges, besides, the 2 meter band was off limits to techs. Today, Novices even have some voice priviledges and upgrading to Tech opens up more opportunities, not takes them away.

Also, a novice license was only good for one year, then you had to stay off the air for a year, or upgrade, (downgrade) to tech, or move onto General.

Again, Welcome No-Code Techs, enjoy the priveledges afforded you, and consider passing your 5WPM which opens up yet another whole new world of excitement to you.

TTUL - 73+ de Gary - N0ZOI @ K0PFX.#STL.MO.USA.NA
formerly K0VCH - KA0CDE - KB0LMW - N0ZOI

3691. Need ftp.site for contest log SW.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 14:05:30 UTC
From: Frits Jensen <frits.jensen@mch.sni.de>
Message-ID: <3kk23a$5rs@horus.mch.sni.de>
Source record: 250438

Do you know a server for free download of nice HF contest SW (CQWW)?

Have a nice day

DL4MHU Frits

3692. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 14:07:38 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kk27a$40i@thor.inlink.com>
Source record: 250439

Time based contests should be aoutlawed, they have no place on the Amateur Bands.

Gary N0ZOI, USA National Coordinator for RAIAR
Radio Amateurs International Awards Registry

3693. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 14:11:39 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kk2er$40i@thor.inlink.com>
Source record: 250440

Bravo!!!

Welcome, all N0 o-Code Techs.

TTUL 73+ de Gary - N0ZOI @ K0PFX.#STL.MO.USA.NA

3694. Hamfest in Dayton, OH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 14:31:03 UTC
From: Ultratec@voyager.cris.com
Message-ID: <3kk3j7$pof@voyager.cris.com>
Source record: 250442

Hi! I am looking for anyone with information about the Hamfest in Dayton, OH this year. I know that it is usually held on the last weekend in April, but does anyone know where I can send for tickets, etc??? Any help would be greatly appreciated!!! Thanks.

Ultratec@cris.com

3695. Hamfest in Dayton, OH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 14:36:33 UTC
From: Ultratec@voyager.cris.com
Message-ID: <3kk3th$psu@voyager.cris.com>
Source record: 250443

I am looking for information on the Hamfest in Dayton, OH this year. If anyone knows where I can mail for tickets, etc. please let me know!!! Thanks!

3696. Re: Ham radio banned at San Diego Zoo ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:02:54 UTC
From: trop@hls.COM
Message-ID: <9503201502.AA16431@lanslide.hls.com>
Source record: 250444

Poster's previous subject: ' ...wasn't allowed to bring HT to SD Zoo '

=======
I had a similar experience at Great America here in the SF Bay. The
attendant would not allow the radio into the park. Because they
search each guest with a metal detector, I knew that I wasn't going
to get it passed security in my fanny pack. I suggested to the attendant
that it would be appreciated if I could speak with the head of security.
A quick explanation of the radio and its need in an active earthquake
zone produce a different perspective on their part.

Troy T. Pummill, N6XMV	trop@hls.com
Manager, Applications Eng.	...uunet!lanslide.hls.com!trop
Hughes LAN Systems	
(408) 565-6322	2200 Lawson Ln., Silicon Gulch
Santa Clara, CA 95054	The preceding drivel is entirely my own!
---------------------------------- --
Invisible airwaves crackle with life, bright antennae bristle with the energy
Emotional feedback on timeless wavelength, bearing a gift beyond price....
Almost free. "Spirit of Radio" - Rush

3697. Quote of California law on ham plates (was Re: Ham plates in California)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:05:43 UTC
From: myers@Cypress.West.Sun.Com
Message-ID: <3kk5k7$dvl@abyss.West.Sun.COM>
Source record: 250445

In article 3DE@news.hawaii.edu, jeffrey@math.hawaii.edu (NH6IL) writes:
>Bill Langton <blangton@sierra.net> writes:
>
>>You can only have one set of plates for any given vehicle in
>>California. You can apply for a similar vanity plate for a
>>second vehicle: ie - a friend is K6EIK and has call plates on one
>>of his vehicles and has K6EIK 1 as a vanity plate on another of
>>his vehicles. Of course, the vanity plates cost more and
>>include a yearly fee in addition to the fee for the initial
>>plates. I hope this answers your question...whoever you were!!
>
>
>Why not try to apply for a second ham (not vanity) plate written,
>for example, K6EIK/6? That is certainly a lawful amateur callsign,
>and is very appropriate since you're operating `portable' while in
>your car. <Uh oh, here come the flames: "Mobile is not portable!">

You ask "why not try to apply for a second ham plate?". Here's why:

----- Begin included text -----

CALIFORNIA CODES
VEHICLE CODE
SECTION 5005

5005. (a) Any person holding an unexpired amateur radio station
license issued by the Federal Communications Commission may, after
the requirements for the registration of the motor vehicle have been
complied with, also apply directly to the department for special
license plates, and the department may issue special plates in lieu
of the regular license plates. The special license plates shall be
affixed to the motor vehicle for which registration is sought and, in
lieu of the numbers otherwise prescribed by law, shall display the
official amateur radio station call letters of the applicant as
assigned by the Federal Communications Commission.
The applicant shall, by satisfactory proof, show that he or she is
the holder of an unexpired license.
(b) The department shall not issue more than one set of special
plates for any licensed amateur radio station.
(c) In addition to the regular fees for an original registration
or renewal of registration, the following special fees shall be paid:

(1) Twenty dollars ($20) for the initial issuance of the special
plate.
(2) Twelve dollars ($12) for the transfer of the special plate to
another motor vehicle.

----- End Include Text -----

Note that 5005(b) clearly states that only one set of amateur
plates may be issued to a station (callsign).

>The CA DMV might need a bit of convincing, though.

It isn't the DMV you need to convince; the state legislature would
have to change the Vehicle Code.

[The above quoted text is from leginfo.public.ca.gov]
---
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

3698. Phone of NEDA ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:06:22 UTC
From: victor@ibpm.serpukhov.su
Message-ID: <victor.57.0@ibpm.serpukhov.su>
Source record: 250446

If you know phone number or E-Mail of NEDA - "North East Digital Association",
PSE let me know.

73! de RX3DIN Victor

3699. 2M thru-glass antenna rec

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:15:00 UTC
From: jeff.sumberg@sailbbs.woodybbs.com
Message-ID: <8A5D267.012F0002E3.uuout@sailbbs.woodybbs.com>
Source record: 250447

bruces@mpd.tandem.com (Bruce Sawtelle) asked:

BS> Can anyone give me some recommendations/results about some of the 2M
BS> thru-glass antennas. I realize they're not as efficient as some of
BS> the better 5/8w antennas, but we've got pretty good coverage for the
BS> repeaters down here in Austin.

I use an Antenna Specialists thru-glass antenna on my car and I have no complaints whatsoever about it. In fact it was a necessity because when I got my new car (A Saturn Wagon) I had no choice: Everything is polymer. The only metal surface is the hood.

The antenna was easy to install and works very well. Since I also used a roof mounted 5/8 wave on the older car, I was able to compare performance. I could find very little difference between the two. I run my HT in the car with a 30 watt amplifier.

This antenna is a 1/2 wave 2m only (not dual band). Larsen also makes an on glass antenna in mono and dual band varieties. Both the AS and Larsen antenna also have "cellular" look-alike versions. Expect to pay $40 to $60 unless you can locate one at a hamfest. I paid $5 for mine :-)

Internet: jeff.sumberg@sailbbs.woodybbs.com
---
* DeLuxe2 1.25 #32s *

3700. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:16:30 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3kk68e$jb1@hacgate2.hac.com>
Source record: 250448

In article 4yE@news.hawaii.edu, jeffrey@math.hawaii.edu writes:
|suggs@tcville.es.hac.com writes:
|
|>gfiber@halcyon.com (Gary P. Fiber) writes:
|
|>>EVERY Amateur radio receiver that operates above 30 MHz is subject to Part 15 rules.
| ^^^^^^^^
|>But modifying a radio (or even building one from scratch) isn't subject to
|>part 15 or part 97 or any other FCC rules. Only operating it is!
|
|Hi Brian,
|Were you planning on not listening to your HT? As Gary implied, if
|you modify your HT's receiver it might be in violation of Part 15
|due to illegal emissions. Turning the receiver on is `operating' it.

Jeff,
The issue being addressed here was whether an officer of the law
would have any grounds for confiscating a radio that you have modified.
If you have followed the entire thread, you know that the above statement
is not as ridiculous as your out of context quote tries to make it appear.

I stand by my statement that making such modifications, as with building
a radio from scratch, is not illegal. I have never disputed that you are
then responsible for ensuring part 15 compliance, should you choose to
operate it.

-Brian

3701. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:24:25 UTC
From: csle87@email.mot.com
Message-ID: <csle87-200395102425@145.39.1.10>
Source record: 250449

In article <3kdhl9$h81@ccnet3.ccnet.com>, rwilkins@ccnet.com (Bob Wilkins n6fri) wrote:

> Joe Jarrett (joejarre@netcom.com) recently wrote
> in <joejarreD5KEKD.BH9@netcom.com>:
>
> : In fact, I believe the forced 3 MHz duplex link channel plan you use in
> : northern California is unique. Five mHz (or approximately 5 MHz) duplex
> : link spacing is the norm everywhere else.
>
> In order to allow the greatest multi-use of the 420 - 450 MHz amateur radio
> spectrum in northern california, band planners saw the need to tighten
> the duplex link requirements. We are able to accomadate over three
> hundred auxiliary duplex links without interference to the two very
> active ATV frequencies.
>
> In recent years the FCC has followed our example in planning the 470 - 512
> commercial bands. These expansion bands are six MHz wide with repeaters
> using three MHz spacing. It works...
>
> The rapid growth of wide band digital and packet stations in the non
> auxiliary sub bands 431 - 433 and 435 - 438 MHz will be a factor in the
> ATV movement toward 1.2 and 2.4 GHz. We are already seeing this happen
> here in California. Most of the ATV stations transmit on 1.2 GHz and
> receive on 427.25, 434 or 2.4 GHz Repeaters
>
> One day, good amateur practice will require ATV to use more efficient
> digital modes. Just think how many digital ATV signals could occupy a six
> MHz wide window. It has been fifteen years since I have heard an AM two
> meter repeater. Twenty years ago we stopped using wide band deviation on FM.
>
> Bob
>
>
> --
> Bob Wilkins work bwilkins@cave.org
> Berkeley, California home rwilkins@ccnet.com
> 94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam
>
>

BOB - Maybe you can explain to all of us how reducing the separation between transmit and receive frequencies allowed you to fit more stations than before, even though their signal bandwidths were not decreased?? The transmitter still takes 20 kHz and the receiver therefore still listens to

a 20 kHz window. Changing the spacing between them does not provide additional spectrum to accomodate more users; decreasing spacing merely adds increased filter/duplexer losses and reduces the overall efficiency of the link or repeater system.

Now just to set the "We did it first" record straight, the FCC Rules governing sharing of the 470-512 MHz TV channels with land mobile were written and implemented in the late 1960's. Thus I cast serious doubt on Bob's claim that "In recent years the FCC has followed our example in planning the 470 - 512
commercial bands." Talk about revisionist history, this one even uses a time warp!

In fact, the frequency separation was chosen SOLELY because the TV channels are 6 MHz wide by FCC decree, and therefore the only logical separation HAD to be 3 MHz to maximize occupancy of the available 6 MHz windows. Sadly, nobody thought enough about the effects of the highest base/repeater transmitter at bottom.edge.freq+2.9875 MHz on the lowest receiver at bottom.edge.freq+3.0125 MHz (which is a T/R separation of only 25 kHz) to mandate some common sense geographic separations as well.

Getting back to the issue, the T/R spacing INSIDE the 6 MHz TV channels has absolutely no bearing on the T/R spacings of other systems operating on different modes outside the subject frequency window. If anything, the NoCal bandplan has probably STIFLED growth of traditional amateur voice/data repeater systems in the (non-TV) 432-450 MHz portion of the amateur UHF band, because standard commercial UHF equipment with the FCC-mandated 5 MHz T/R offset cannot be used in NOCal without significant modification. In this case having no standard is still better than having the WRONG standard.

And last, look at how efficient digital communications is when compared to analog. Take a standard telephone line that runs from 300 to 3800 Hz. The phone company digitizes that into a DS0 data stream that runs at 64 kbps. Where is the efficiency of digital in this arrangement, and how are you going to put more digital signals into the same NTSC 6 MHz video channel, Bob??
--

Karl Beckman, P.E. < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
If you agree with the opinions expressed, they're mine. If not, who cares?

3702. Re: need help with "power station"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:30:03 UTC
From: levine@mc.com
Message-ID: <3kk71r$2nd@jericho.mc.com>
Source record: 250450

```
In article macierno@delphi.com, Mark Acierno <macierno@delphi.com> () writes:
-->Hello, I have one of thoes battery "power stations" advertised in the back of
-->various ham readio mags. (you know the $50 job) any way I moved a few months ago
-->and lost the recharger--- does anyone know the spec. on the recharger???
-->(i'de bet its 12v- but I just want to be sure!)
-->
-->thanx for any help you can provide
-->
-->mark
-->n2uem
-->
-->macierno@delphi.com OR acierno@mc.edu

The factory chargers are 12v 500ma. Radio Devices sells
those Power Stations too.

---
-----------------------------------------------------
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $39.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
World Wide Web http://www.raddev.com/biz/raddev/
-----------------------------------------------------
March Spec Oak Hills Research Classic 20/40 shipped $199.95
-----------------------------------------------------
reply for Radio Devices to bob@raddev.com please. tnx
-----------------------------------------------------
```

3703. Re: Question about the 5WPM code test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:36:45 UTC
From: bildin@dorsai.org
Message-ID: <D5qwp9.8EF@dorsai.org>
Source record: 250451
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

: It is at the disgression of the VE team how they want to structure the
: test. Both the ways below are valid.
: 73, BILL, (AA2TF)

John Hughes
(afn01079@freenet3.freenet.ufl.edu) wrote:

: >Most of what you have heard is correct. One minute of solid copy is an
: >automatic pass. So at 5 WPM, 25 correct characters in a row is a pass.
: >The other way to pass is to answer 7 or more of a 10 question test. Some

: My experience is slightly different. For my 5wpm there was no option for questions.
: Had to get 25 straight correct. Took my 13wpm twice. First time was fill in the
: blank, 2nd time was multiple choice...& was luck enough to get 10 of 10.

: It was great to pass, and for me not easy. That is i worked/practiced pretty hard
: at it. For those with a more natural ear for cw, god bless em. Now where's that
: advanced study pool...:)

: 73...John, ke4rrg
: --
--
BILL HINDIN (AA2TF)

INTERNET: BILDIN@DORSAI.ORG

VOICE: (212) 222-3664

"Captain, the crystals....."

3704. Re: Who do I contact for TVI in Racine WI

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:38:45 UTC
From: ehare@arrl.org
Message-ID: <1995Mar20.153845.17370@arrl.org>
Source record: 250452

Paulette Quick (plquick@facstaff.wisc.edu) wrote:

: There is alledgedly a ham causing interference to the neighbors' TV and
: other electronic equipment. The location is Racine, Wisconsin, which is
: about 25 miles south of Milwaukee.

: Who would a person contact regarding the interference problem? The OO
: for Wisconsin? A Milwaukee area ARRL representative?

The ARRL Section Technical Coordinators (TC) are a good place to start. The TC will usually know of local-club RFI Committees, local volunteers (Technical Specialists) or other possible sources of help. You can locate your TC through your ARRL Section Manager (SM). The Section Managers are all listed on page 8 of any recent QST. Most list their telephone numbers. Give the SM a call and ask to be put in contact with the TC. (Do remember that the SM and TC are unpaid volunteers.)

ARRL has prepared a number of interference packages to offer some fast help, plus our book "Radio Frequency Interference: How to Find It and Fix It." The ARRL "EMI/RFI Package" contains starter information, plus a pamphlet that will help explain interference in non-technical terms. You can obtain a copy of the pamphlet from the ARRL Technical Department Secretary at the address in my sig (SASE is appreciated). ARRL Members can obtain the package free of charge by sending a request for the package plus a 9X12" SASE with two first-class stamps to the ARRL Technical Department Secretary.

Electronic copies of the information packages are available from the ARRL automated email server, info@arrl.org, and at the FTP site at oak.oakland.edu. (I do recommend you obtain a paper copy of the pamphlet; it is more effective with a neighbor than a computer printout!)

If you are having an interference problem, obtain the book and/or the information packages and contact your TC. If you have any questions about the material, or if local help is not available in your area, you can contact me here at ARRL Headquarters.

73 from ARRL HQ, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

3705. Re: DOES BERMUDA HAVE 2 METERS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:41:02 UTC
From: bildin@dorsai.org
Message-ID: <D5qwwE.8q4@dorsai.org>
Source record: 250453

J. W. WALLER, ECE (waller@utkvx.utk.edu) wrote:
: I would like to know 1)if Bermuda has 2 Meter
: activity; and 2)if so, is there reciprocal
: licensing so no paperwork/notificaton is
: needed?

: Thanks and 73,
: W4TZB
: Sir:

: Yes, Bermuda does have a reciprocal agreement, but you will have to get an application for a permit from the Department of Telecommunications. It is a free, three-month permit for 2 meters. They *do* have an active community with two or three active repeaters and open autopatch. There is an amateur radio society in Bermuda. Contact the ARRL for the details and necessary paperwork. 73!
-- BILL HINDIN (AA2TF)

INTERNET: BILDIN@DORSAI.ORG

VOICE: (212) 222-3664

"Captain, the crystals....."

3706. Help: with automobile RFI problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 15:54:17 UTC
From: brunelli_pc@delphi.com
Message-ID: <pW-4+vp.brunelli_pc@delphi.com>
Source record: 250454

I am having the following noise problem with a mobile installation.
Any suggestions regarding finding or eliminating the problem would
be greatly appreciated. The car is a 1991 Isuzu Trooper and the
rig is a Ten Tec Triton 4, and a Kenwood ts430. The antenna is an
Outbacker Perth mounted on the spare tire carrier on the rear door.

I get a s5+ static noise while the engine is running.
It goes away when the antenna is disconnected.
It does NOT change pitch or volume with load or RPM.
I have grounded the hood, engine, rear door, exhaust, and radio.
I have not received interference from passing vehicles.

It seems that the noise is related to the ignition system
and i am checking with Isuzu regarding resistor wires or
shielded wires.

reply here or via e-mail

thanks,

Pete Brunelli N1QDQ
brunelli_pc@delphi.com

3707. Re: How much "out of band" is available?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 16:37:15 UTC
From: garryr@netcom.com
Message-ID: <garryrD5qzI3.9o1@netcom.com>
Source record: 250455

David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:
: Can it be said that there are amateur radios on the market which
: can be easily modified to give the owner the capability to transmit
: on any frequency between 0-1000 MHz???
: I realize there is no single radio which has this capability, but
: for example, are there 10 meter rigs which can be modified to
: receive and transmit in the 20-50 MHz range?
: I know you can get rigs capable of Transmitting between 130-180,
: and 420-470.
: Is there a rig which can be modified to TX in the 800 MHz area?
:
: Is there any truth in the statement that for any radio service,
: there exists an amateur service radio which can be 'easily'
: modified to RX/TX on their frequencies?
:
: I am not interested in the legality, just the capability.
:
: Just curious,
: Dave
: N9HUR

Most amateur radios , can be modified very easy to x-mt on
any of the freq s that they can receieve.
There are several manuels available showing how...
But to get it to work on freqs that it cannot reveive is
more difficult , and it would be more practical to get ,or
build one specific to those freqs, most 10 meter rigs recieve
from 26 mz to 30 -or 32 some a little higher , most 2 meter
will receive as low as 116 to 164 mz..
It is very easy to modifie these , a full coverage hf rig
will recieve all freqs between 0.030 mz to 32/33 mz and can
be easily modified, the 6 meter rigs would be able to to go
from 35mz to 65/70 mz (I think, I have not ever used a
6 meter rig).... Also the uhf rigs are about the same..
some I have read can be expanded more then others...so yes
SOME and most can be , but not all ,it would depend on
the "brand" as for the legality , that also depends on
what you are licensed for , Ie: if you have a mars licence
you may have a rig that xmts on mars freqs, also..
if you or your buisniss has an authorized bussiness freq
you could use a ham rig, but yu said you don't care about
the legality, I suggestt that you take care about the legality
and make sure you or who ever operates the rig knows where
it is ok to transmit , there are severe penaltys for xmting

on police/fire freqs, also you should be aware of which
freqs are used for air traffic , location signals ,
and many other things , as you could cause severe problems
with out knowing it , many of the locateing signals cannot
be "heard" but are there, these are critcal to planes landing
and takeing of or comeing into traffic areas...so
I strongley urge that you don't start xmting out of band
unless you are authorized to , or/and learn enough to avoid
causeing perhaps 100 people to die in a plane crash.
Apparently you don't know much or you would have known
what radios can be modified , and to what freqs.

--
From Garry Ricketson
garryr@netcom.com

3708. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 16:56:54 UTC
From: garryr@netcom.com
Message-ID: <garryrD5r0Eu.Azo@netcom.com>
Source record: 250456

Don Simpson (ko4ta@mindspring.com) wrote:
: Today W5YI Fred Maia filed a formal petition with the FCC. The petition
: requests the FCC modify part 97 to prohibit one way broadcasting below 30 mHz.

: To see the full petition go to the following WWW address.

: http://www.mindspring.com/~ko4ta/bestofnet.html

: Happy Hamming....

I am glad to here this, ..I am going to post a RE:w5yi pettition ,
here and also under rec.radio.amateur.policy , rather then clutter
this announcement , as I expect not everyone will be happy about it.
Many may not understand why such a petition is needed.
73's de KB0KUZ

--
From Garry Ricketson
garryr@netcom.com

3709. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 17:05:08 UTC
From: garryr@netcom.com
Message-ID: <garryrD5r0sK.BI2@netcom.com>
Source record: 250457

Wayne Day (wday@dfw.net) wrote:
: In article <ko4ta.158.02FA979E@mindspring.com>, ko4ta@mindspring.com (Don
: Simpson) wrote:

: > Today W5YI Fred Maia filed a formal petition with the FCC. The petition
: > requests the FCC modify part 97 to prohibit one way broadcasting below 30 mHz.
: >
: > To see the full petition go to the following WWW address.
: >
: > http://www.mindspring.com/~ko4ta/bestofnet.html
: >
: > Happy Hamming....

: Fred's a good ol' boy, but, ya know.. sometimes he comes up with the
: oddest of ideas. This is one of 'em that I hope gets put out to pasture
: real quick.
: --
: Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
: CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
: or Internet: wday@dfw.net |--_<,
: Member: Bicycle Mobile Hams of America (*)/'(*)
: --
Why do you hope it gets put out to pasture, it is long over due.
Lets give a worse case scene , you and your kids are out bicycleing
in a rurual area , a truck accidently hits one of your kids ,
there are no phones or houses near by , your kid is dieing ,
but you have a hf rig , just about the time you are going to give
directions to your location , some idiot like k1man starts playing
his one way "loop tapes" ,"bullitons" , and the station you
were giveing the info to cannot hear you any more ,not even well
enuff to establish another freq , one way broad casts have no place
in bands that are intended for 2 way communications.

--
From Garry Ricketson
garryr@netcom.com

3710. RE:w5yi petition

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 17:30:54 UTC
From: garryr@netcom.com
Message-ID: <garryrD5r1zI.D68@netcom.com>
Source record: 250458

Well I personally am glad that this petition was filed.
I hope it gets accepted.
Some may not know what has led up to this , a station in
Main K1MAN , Ted Baxter has been creating alot of trouble
for hundreds of hams , by playing loop tapes of very quest-
ionable content ,(not ham related) he plays them several
times a day , with no regard as to if anyone else is on freq.
He dose not respond or seem to hear any one when they try
to tell him the freq is busy ,many beleive he dose listen
but if he dose he ignores what he hears. If you had a
emergency he dose not aknowledge "breaks" or anyone.
He uses the excuse W1AW dose it so can I. Right now tech-
nically I guess it is legal to broadcast one way bullitons.
His abuse of this has led many to realize that if Baxter
can do it what is to stop more from doing it ? ...in fact
I have heard him encourage the idea that more hams start
doing this , is this what we want on HF ? a bunch of ???
playing loop tapes all day and all night ...?
It is unfortunate that a station like w1aw will also have
to stop the bullitons and cw practice , but if one can do
it another will want to and then another and so on...
W1AW or any one could continue operateing , but they
would have to start makeing the cw practice and bullitons
A 2 way deal ,or perhaps even a "net" say the W1AW
announcement net , take checkins from around the country
then make the ARRL anouncements ,stations could relay ,
these announcements to parts of the country that could
not hear W1AW , isn't that what the American Radio Relay
League used to be about ?...this could also be done on
CW , makeing it 2 way would make it something other
hams could participate in , it would be excellent practice.
A written record could be kept and posted in QST to
check copy..There are a lot of ways W1aw will be able
to continue announceing news if they use a little
imagination , and yes even Ted Baxter could continue
his nonsense , if he can find another station to
"talk to" but the one way broadcasts need to stop.
Thats all for now, also I thank W5IY for getting
the petetion started , and KO4TA , and many others
for the hard work they are putting in toward makeing
a needed change.
de KB0KUZ

--
From Garry Ricketson
garryr@netcom.com

3711. Re: Searching out a truck

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 17:34:50 UTC
From: trfenwic@mtu.edu
Message-ID: <3kkebq$sg2@rock.me>
Source record: 250472
Cross-posted to: alt.autos.macho-trucks,rec.autos.misc,rec.autos.tech,rec.radio.amateur.misc

Leif Ericksen (phantom@gagme.wwa.com) wrote:
: What I need is the ideas from people on the net that have more
: experience in trucks and 4X4s Since this will be my first I have no
: 4X4 experience, I only know what I read or hear from talking with other
: drivers.

There is a newsgroup for 4x4 vehicles you should check out.

rec.autos.4x4

It has a lot of stuff about what you are looking for and has
helped me MANY times in the past few days.

~Spyder~

3712. Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 17:35:54 UTC
From: erik@csn.net
Message-ID: <3kkedq$7r5@news-2.csn.net>
Source record: 250459
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I have just purchased a Kenwood AT-50 antenna tuner for my station. The AT-50 manual says that the tuner should be connected to a "good earth ground". If none is available, I should "use a counterpoise". My shack is on the second floor of my house, so I have no ground wire. Also, there are no pipes in that area that can be used.

I want to use a counterpoise with the tuner to eliminate as much RF from the shack as possible. All the books I have read on antenna design say that if you use a counterpoise system with a tuner (connected to the ground terminal), you should use 234/F=Length of counterpoise wire (where F is desired freq in MHz). (The good ol' quarter wave formula.) However, the AT-50 manual says to use the following formula for determining the length of the counterpoise wire: (1/4 * F) * (0.95) * (O.N.) = Counterpoise Length where F is the Frequency in MHz, 0.95 is the "wavelength reduction rate", and O.N. is any odd number.

These formulas are very different. In the first, as F gets larger, the length get shorter and in the second as F get larger, the length also gets longer. Which formula is correct? Are they both correct? If so, why?

Any help, comments, or suggestions would be greatly appreciated.

TNX es 73,
Erik
--
Erik Mugele * erik@csn.net * Finger mugele@csn.net for
Amateur Radio: N5XYX * mugele@fafb.af.mil * PGP fingerprint and info.
DoD#: 1030 * * PGP public key by request.
--------------------[Strip mining prevents forest fires!]------------------

3713. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 17:39:32 UTC
From: ron@fc.hp.com
Message-ID: <3kkekk$5dd@tadpole.fc.hp.com>
Source record: 250460

Steve Wilson (stevew@netcom.com) wrote:

: Why do people run marathons? You answer that question and you'll be
: on the road to understanding contesting(or any other long duration "sport")
: that people take part in.

: : Yet, I'm amazed at how popular contesting seems to be -- or at least that's
: : the impression I get from the latest CQ. I'm even more amazed that amateurs
: : in other countries have gotten hooked on this.

I myself don't understand contests either. But I don't begrudge contesters
their passion EXCEPT that the road is clogged with a marathon each and
every weekend and on all the major roads!

That might have something to do with why my HF rigs stays turned off
for years at a time.

Ron Miller, NW0U
(when I want competition I go do an IPSC shooting match :-)

3714. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 18:23:59 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3kkh7v$d4k@ixnews4.ix.netcom.com>
Source record: 250461
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In <3kkedq$7r5@news-2.csn.net> erik@csn.net (Erik Mugele) writes:

(for counterpoise length)
>you should use 234/F=Length of counterpoise wire (where F is desired
freq in
>MHz). (The good ol' quarter wave formula.) However, the AT-50 manual
>says to use the following formula for determining the length of the
>counterpoise wire: (1/4 * F) * (0.95) * (O.N.) = Counterpoise Length
>where F is the Frequency in MHz, 0.95 is the "wavelength reduction
rate",
>and O.N. is any odd number.
>
>These formulas are very different. In the first, as F gets larger, the
>length get shorter and in the second as F get larger, the length also
>gets longer. Which formula is correct? Are they both correct? If so,
why?
>
Substitute wavelength for F and it makes sense. I'm sure this is the
very first time a Japanese equipment manual has been, shall we say,
garbled :)

Mike, KK6GM

3715. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 18:27:45 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3kkhf1$1dh@yrkpa.kias.com>
Source record: 250462

Jordan Peugeot (dmunroe@vcd.hp.com) wrote:
: Could someone explain what the appeal is in contesting? I realize that
: people have differing ideas of what is fun, but, if contesting is what
: I think it is, spending an entire weekend making thousands of extremely
: brief contacts not only sounds boring, but also seems to be an incredible
: abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
: -Dave
Don't confuse band space with bandwidth. No bodies radio slows down
when the band is crowded :)

Its just another part of the hobby. And a great way to capture countries
you've been unable to work or hear under normal circumstances. Contests
bring a lot of hams out of the woodwork.

Its easier to explain 'Contests' than it is golf ! Hit the ball, run after it
get upset, swear at the game, and call it relaxation... Touche !
John K3NXU

3716. Re: Public awareness and image of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 18:45:02 UTC
From: robertp@meaddata.com
Message-ID: <3kkife$nno@meaddata.meaddata.com>
Source record: 250463

As a follow up to Doug Mauldin's trouble with his son scout master, I suggest that he with his clubs help sponser the troop in the JOLTA in the fall. Our club did this last year, and the scouts were very interested. Also got the local paper to do a story on it, (some very positive PR!). The had a picture from the club shack and a short story. The best benifit was several scout had there interest turned on.

|Robert D. Penrod | Excess on occasion is | I only speak for myself.
|Lexis - Nexis | Exhilarating |
|P.O. Box 933 | It prevents moderation from | robertp@meaddata.com
|Dayton, Ohio 45401 | acquiring the deadening | ...!uunet!meaddata!robertp
| effect of a habit. |

3717. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 18:59:51 UTC
From: billhar@spaceworks.com
Message-ID: <D5r63s.9x8@spaceworks.com>
Source record: 250464

<<Uhhhhhh, what make propagation different for FM than AM?????????>>

Nothing. Propagation is not debendent upon the mode of transmission, but upon the frequency used and current band conditions.

Bill - K5MIL

3718. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:02:48 UTC
From: showard@ainet.com
Message-ID: <D5r90o.5Fw@ainet.com>
Source record: 250465

Tuck Miller (tmill493@bssbbs.com) wrote:
: epladsen@nyx10.cs.du.edu (Eric Pladsen) writes:

: > I have a few questions for anyone who is familiar with the procedure
: > for getting call plates in California:
: >
: > 1. Does California slash the zero for those with zero-land calls?
: >
: > 2. How much extra do the plates cost? One-time fee, or every year?
: >
: > 3. What form needs to be filled out to apply for the plates?
: >
: > 4. How long does it take to get the plates?
: >
: > 5. What is your opinion on the risk factor for break-ins and/or
: > vandalism that call plates add?
: >
: > Thanks,
: > Eric
: > --
: > epladsen@nyx.cs.du.edu 73 de N0MWG

Eric -
They do NOT slash the zeros, either through ignorance or
convenience I do not know which. It is confusing, but better
than nothing I suppose.

My call is WB0SLT and ever since I moved to CA years ago,
I have never been able to get a plate with the zero slashed.

From the experiences I had though, I would recommend you
learn as much as you can about the process and find (if possible)
a knowledgable DMV clerk as I usually need to explain the
difference between Amateur and Vanity plates to the clerk. Vanity
plates ARE expensive. good luck.

3719. Illegal Call sign Usage

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:11:56 UTC
From: showard@ainet.com
Message-ID: <D5r9Fw.5nq@ainet.com>
Source record: 250466

I need some opinions regarding a problem with someone using my call illegally.

I had only suspicions at first (recieving QSL cards for HF contacts during periods of time I did not even have a station up) but then I received a letter from someone back in Minnesota (where I am originally from) telling me of their friend using my call but refusing to give either the guilty party or their name.

I notified the St Paul FCC office with a copy of the letter and the other points of suspicion. I don't expect them to go out and find the pirate, but an acknowledgement with a form letter or card would have been nice. I only want to be covered in case they pull anything illegal.

What else would you do?

Steve Howard
WB0SLT (now in CA)

3720. FCC Tel

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:12:23 UTC
From: CS-ERH@nich-nsunet.NIch.EDU
Message-ID: <46A00E11C0@charon.nich.edu>
Source record: 250467

Does anyone know of an FCC telephone number that is used for new hams to get their new callsigns before their license is received in the mail???

Thought I saw a message pertaining to this today but deleted it too fast!

Thanks in advance...

WA5OJI Evert

Evert R. Halbach WA5OJI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4999
Snail - P.O. Box 2168 Thibodaux, La. 70310

3721. Installing PL encoder in TS700S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:23:32 UTC
From: knight@sol.rtsg.mot.com
Message-ID: <3kko84$dtm@delphinium.cig.mot.com>
Source record: 250468
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone have any words of wisdom when installing an external (e.g. Comm Spec) PL board in a Kenwood TS700S 2M all-mode rig? I know where to inject the signal, etc., but would rather not reinvent the wheel of someone has some succinct instructions.

Please forward any advice to: knight_paul@cae.cig.mot.com

73,

Paul
WD8DKY

3722. HELP!!! ADVICE ON SCANNERS NEEDED!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:23:59 UTC
From: Hani_Zaki@brown.edu
Message-ID: <Hani_Zaki.69.001BD572@brown.edu>
Source record: 250104

Everybody here seems more qualified than I am, so I would appreciate any advice that can be passed along...

I am shopping around for a hand-held, continous band scanner. I've heard good things about the new AOR AR-8000 and the Yupiteru MVT7100.

Does anyone here have any recommendations? Which is better? Reliability of the AOR, etc? Also, what are good prices for this equipment (I just don't want to be taken). Any stores recommended??

Please respond via e-mail. Any info that is passed along will be greatly appreciated!!! Thanks!!

3723. Re: Rat Shack Ripoff (Greg Smith)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:38:02 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D5rAnE.qn@ranger.daytonoh.attgis.com>
Source record: 250469

Gerald Schmitt <ggs@aerie.lanl.gov> wrote:
>
> Why didn't I do that because I was offered a "no interest"
> deal. No beats low every time.
>
> The entire idea of the original post was as a heads up to
> others as this problem seems to be a pattern in my area.
> I perfectly capable of paying cash for a purchase of this size but;
> they made an offer, I accepted the offer, they should perform.

I agree. I guess my comments were made under the incorrect assumption (by me) that everyone knew RS "no interest" charges are highly conditional and when any of the conditions are not met, the interest rate is ridiculously high. It wasn't very nice of me to make that comment as it was probably interpretted as me rubbing your nose in it. I apologize.

> BTW I claim no credit for the suggested religious punishment
> cited in your post

I lost you on the religious punishment part. Did I misattribute something?

Thanks for the heads up.

Greg Smith
AT&T

3724. Re: QSL ROUTE on IK4LZH Server: report

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 20:48:13 UTC
From: rap@hooked.net
Message-ID: <3kkpn8$c7l@its.hooked.net>
Source record: 250470

zilch0@primenet.com (Michael K. Davis) wrote:

>I just want to broadcast my appreciation for this WWW server.
>(snip snip) Check it out and use it.

Gee, at least you could have included the URL for those of us who
missed it the first time. Oh, well...

3725. $15 DVK article correction

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:00:46 UTC
From: n1ist@netcom.com
Message-ID: <n1istD5rBpA.90L@netcom.com>
Source record: 250471
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

Re: Build a DVK for under $15, QST April '95

Due to a minor slipup, an update didn't make it into my article.

S2 should be a *normally closed* pushbutton, not normally open.

I appologize for any inconvenience.

/mike
--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

3726. Ham plates in California

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:37:56 UTC
From: jangus@skyld.grendel.com
Message-ID: <795735476snx@skyld.grendel.com>
Source record: 250473

In article <D5oGD3.3DE@news.hawaii.edu> jeffrey@math.hawaii.edu writes:

> Why not try to apply for a second ham (not vanity) plate written,
> for example, K6EIK/6? That is certainly a lawful amateur callsign,
> and is very appropriate since you're operating `portable' while in
> your car. <Uh oh, here come the flames: "Mobile is not portable!">
>
> The CA DMV might need a bit of convincing, though.

Well, '/' isn't a symbol that the Calif DMV puts on license plates.
Defaceing a plate, either with a '/' or a '-' by definition is a
felony in California.

(For the nit pickers out there: Section 4463. However, this is with
the intent of defrauding the DMV. Simple modification or altering of
a license plate is prohibited in section 4464.)

Jeff
With California Arts Council plates, SKYLD.

By the way, you can't get your callsign (at the special rate) on a CAC
plate. The computer only allows CA (for Cal Arts) or CH (for Cal Ham).
I suspect that if you talked with the manager and requested CA plates
with the callsign as a "vanity" plate at the vanity plate rates you
could get away with it.

There was talk last year that the California Police Officers Association
wanted to ban "special" (i.e.Yosemite, CAC, Big Sur etc.) plates since
they look like out of state plates. Well, the Yosemite plate do look like
the Nevada plates.

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

3727. BAYCOM 4 Port Board Problems ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:39:00 UTC
From: phillip.gane@almac.co.uk
Message-ID: <8A5D54F.044A00B76D.uuout@almac.co.uk>
Source record: 250474

hi All
Has anybody built a 4 port BAYCOM board ???? and got it working ok..
A friend of mine has built one but is having also sorts of problems
with it, Not TX'ing or Timing out.
If you can help could send a message to GM1THS @ GB7ABN he is the sysop
there or send it via me on internet.
If you can give a phone number that I can pass on all the better...

GM4SUF @ GB7SUF

phillip.gane@almac.co.uk

* 1st 2.00c #5597 * 1stReader: Anything else is greasy kid-stuff.

3728. Callsign Database

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:43:25 UTC
From: fanfant@netcom.com
Message-ID: <fanfantD5rDoD.MG@netcom.com>
Source record: 250475

I'm interested in getting callsign information on some DX stations I've recently worked, such as QSL manager or mailing address. If anyone know's how to obtain this information on the Internet, coule you please drop me a line. Would also be interested in a North American database also.

-rob WB7TDU

E-mail: fanfant@netcom.com

3729. Ham radio banned at San Diego Zoo.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:47:21 UTC
From: jangus@skyld.grendel.com
Message-ID: <795736041snx@skyld.grendel.com>
Source record: 250476

In article <9503201321.AA02059@umassmed.UMMED.EDU> sbaker@umassmed.UMMED.EDU writes:

> I'm not surprised that Six Flags gave you a hard time about an HT, I had to
> check my Swiss Army Knife which I keep in a leather belt holster while at
> 6Flags Great America last year.

Unfortunately, gang activity has become a problem at several theme parks.
While most hams (unless in a pileup) wouldn't resort to violence, the
park operators are not about to start trying to figure out who might or
might not use thier knife.

While on the other hand, park security uses the radio to attempt to stay on
top of disturbances. Whether justified or not, they have the right to limit
access to park with people with radios.

It's just like gun control, "I'm ok, you might be OK, but it's them others".

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

3730. Re: Anyone tried MSCAN?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:50:08 UTC
From: johnl@world.std.com
Message-ID: <D5rDzL.Mp0@world.std.com>
Source record: 250477
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

In article <D5noJ4.JCI@eskimo.com>, Ed Engel <eengel@eskimo.com> wrote:
>Has anyone tried a SSTV program called MSCAN20P and know where to find
>it on the INet? Thanks.
>
>73 de Ed Engel N7UQZ
>eengel@eskimo.com
>

I tried MSCAN but couldn't get it to work with my VGA display
adapter. It requires a configuration step in which you specify
your VGA card type. I picked the WD93... (don't recall exactly
right now) corresponding to the chip in my machine. Didn't work.
Tried installing a couple different VESA drivers known to work with
other applications. Picking the VESA choice in the MSCAN set up
didn't work either. The screen went mostly blank with speckles
and the machine started beeping.

If you want to receive SSTV images with the least amount of
effort, grab a copy of /pub/hamradio/pc/digital/atv/ezsstv.zip
from oak.oakland.edu.

73,
John WB2OSZ

3731. Re: Computer Control of TS440, Worth the trouble?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:52:24 UTC
From: heller@mesa.k12.az.us
Message-ID: <3kkteo$3ik@news.asu.edu>
Source record: 250328

In article <3kd3mr$sgj@newsbf02.news.aol.com>, jimnice@aol.com (Jim Nice) says:
>
>I would like to get in touch with anyone out there who is using computer
>control of a Kenwood TS-440S. My manual makes mention of a required IC-10
>chip which I understand. But elsewhere a IF-232C is mentioned which I
>don't understand. Is the IF-232C necessary and what does it do? Is the
>whole process worth the bother and expense considering the apparant
>limitations of computer control in this rig? Any input would be
>appreciated.
>
>Jim, AA7MY, Tucson
>Jim >> "Facts are stubborn things...." John Adams, 1770

The IF-232C is very necessary. Its purpose in life is to convert
RS-232 to TTL levels and back. There are a couple different ways to
make your own RS232 to TTL converter, one is decribed in message with
the same heading above. I made my own using 1488 and a 1489 and a
7404. Works quite well. You will also need to get 2 chips and install
them inside the TS-440S/AT. Kenwood price is kind of high, but I was able
to find them from outside source for around 15 bux. Of course no docs.

There are several programs out there that are written to contol the
440. Naturaully am partial to the version I wrote. 440_5.zip

But weather its worth while or not, I had fun developing the hardware and
software to do it, but as far as direct control, you can do about every-
thing from the front control of the 440, but if you like to build things
and learn from it, its alot of fun to do.

Good Luck and have fun

Doug Heller KE7NF

3732. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 21:57:10 UTC
From: heller@mesa.k12.az.us
Message-ID: <3kktnm$3ik@news.asu.edu>
Source record: 250329

In article <8A5755C.0277006C28.uuout@atlwin.com>, jay.stewart@atlwin.com (JAY STEWART) says:
>
>GS>I bought a 2006 a while back on the "no interest
>GS>no payment for 6 months" plan.
>GS>On the monthly statement interest kept appearing.
>
>GS>I thought maybe they would refund the charges
>GS>at the end as some outfits do.
>
>Sorry you had problems with that. I actually work at a Radio Shack and I
>have seen the problem before. What happens is that when the sales
>associate goes to the payment screen, they can pick what interest plan
>you get. (Right now there are about 6 different ones.) It sounds like
>that particular person picked the wrong one. If you've got your original
>ticket, it should say "0%" etc at the bottom. If it doesn't, then that
>was the culprit, if it does, then it sounds like you've got more of a
>legal case.
>If you can't find the receipt, the stores keep a copy of them (a
>paper--i.e. hard copy (it's not "in the computer" so don't ask)) boxed
>up in the back, if you know the date that you bought it, then it can be
>looked up.
>
>Jay
>
>
> * SLMR 2.1 * If this were an actual tagline, it would be funny.

Also in the small print, its says, that if a payment is Late, the
account will revert to a normal account and intrest charges will appear.
I use to work at a RS store, and saw that happen to a few people.
Naturally there mad at the Sales Person. Most major retailers
Sears, Wards, etc. do the same thing. You need to look close at the
fine print though.
Best of Luck

Doug

3733. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 22:07:33 UTC
From: heller@mesa.k12.az.us
Message-ID: <3kkub5$3ik@news.asu.edu>
Source record: 250330

In article <3k82ae$q6u@newsbf02.news.aol.com>, horrock@aol.com (Horrock) says:
>
>
>>Horrock that is a little stong I just wanted to give folks
>>a "heads up" since there is a new 2 meter mobile out and a
>>bunch of folks might be buying. Perhaps a few days in Purgatory
>>and only upper management. Not wanting to start a flame war.
>>
>
>I'm sorry, your right: May all Rat Shack Upper Management burn in hell,
>lower management do time in Purgatory, and sales staff find new jobs in
>the food service industry or car lots.
>
>I'm soul searching right now to see if I can remember exactly why I
>dislike Rat Shack .... It seems to be a combination of things starting
>with poor quality coax, and the heavy handed things the Upper Management
>did in the '70's (long story about salemen being to good at Tandy and
>making to much in commission sales, so they fire those salemen).
>
>However I still buy SOME things from them. Their recent selling of AST
>computers was an improvement. Tandy has been pretty supportive of the
>HAMs in the Dallas/Ft.Worth area (they allow the HAM to use their parking
>lot for a tailgate sale on Saturday mornings).
>
>I guess I could forgive them IF they stopped selling that POOR coax (the
>cause of
>more than one RF problem for me) and ALL of the Upper management quit.
>
>Regards.

So don't buy the coax from them! Order it from out of town!

3734. Clipart Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 22:11:39 UTC
From: plpath@ucrac1.ucr.edu
Message-ID: <3kkuir$4d5@galaxy.ucr.edu>
Source record: 250331

In KE4RRG's response regarding Clipart for amateur radio

Where exactly is 'CI$' ?

How does one find this location? -- Could you be more specific?

Tnx, KC6ING

3735. REC.AUTOS.4X4

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 22:18:24 UTC
From: plpath@ucrac1.ucr.edu
Message-ID: <3kkuvg$4hf@galaxy.ucr.edu>
Source record: 250332

Snyder in resonse to Leif Erickson's truck questions stated that there was a new newsgroup for 4x4 vehicles; however, I haven't been able to locate "rec.autos.4x4". Any additional info? Am partcularly interested in Jeeps--is there a users group specific to this out there somewhere?

Also, I think what Leif was trying to get across is "HOW" people setup 4x4's for ham gear since it's a little rough riding for the equipment. Try looking at Yaesu's FT-3000 series for "off roading" rugability. There is different mounting requirements, etc. when you are combining these two sports. Let me know if you have any specific questions.

KC6ING

3736. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 22:55:54 UTC
From: gh@hopper.unh.edu
Message-ID: <3kl15q$3mj@mozz.unh.edu>
Source record: 250333

I don't understand why people are picking on the no-codes. Cw doesn't make a person a good operator. Just listen to a pile-up on 20meters sometime and there are extra class acting like they are on ch 19. What needs to happen is people have to start elmering these new hams whether they be no-code or Tech plus. There was a 13 year old who got his no-code and went on to get his extra and he was a darn good operator all through. Don't discourage these new people help them. The more people we have using the ham bands the safer they are. If we lose them then we *ALL* will be on 11m :-(. 73 de Gary/WR1U EXTRA CLASS

--

==========

| Gary Hurd gh@christa.unh.edu |
| Packet address wr1u@ka1ou.fn43fe.nh |

3737. Mods for Standard C5718DA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 23:00:31 UTC
From: larryp@beeper.charm.net
Message-ID: <3kkqes$mn8@canton.charm.net>
Source record: 250334

Does anyone know of any mod information for the Standard Dual Band Mobile C5718DA?

Thanks

Larry Putman WB3ANQ

larryp@beeper.charm.net

3738. IPS Daily Report - 20 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 23:14:58 UTC
From: rwc@ips.oz.au
Message-ID: <3kl29i$ru7@flare.syd.ips.oz.au>
Source record: 250335
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 20/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 20 MARCH AND FORECAST FOR 21 MARCH - 23 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 89/33

GOES satellite data for 19 Mar
Daily Proton Fluence >1 MeV: 8.2E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 1.8E+09 (very high)
X-ray background: B1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
21 Mar 22 Mar 23 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 21 Mar: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 19 Mar
Learmonth 7 2212 3221
Fredericksburg 5 3
Planetary 6 7

Observed Kp for 19 Mar: 2122 2222
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
21 Mar 10 Quiet to unsettled
22 Mar 5 Quiet
23 Mar 10 Quiet to unsettled
COMMENT: A slight increase in the level of activity is possible on 23
Mar due to a long-duration flare and disappearing filament late on 20
Mar.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
20 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
21 Mar normal normal fair
22 Mar normal normal normal
23 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
20 Mar 33 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
21 Mar 30 Daylight enhancements of 10-20% and otherwise near
predicted monthly values.
22 Mar 30 As for 21 Mar.
23 Mar 30 As for 21 Mar.
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3739. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-20 23:44:21 UTC
From: mckee@fc.hp.com
Message-ID: <3kl40l$bph@tadpole.fc.hp.com>
Source record: 250336

hamilton on BIX (hamilton@BIX.com) wrote:
: The claim that the retailer had his terms posted near the register
: does not hold up in court. He has to show a "meeting of the minds"
: that you were aware of and accepted his terms. He undoubtedly knows
: that, he's just trying to bully.

Except that retailers are under virtually no obligation to accept returns of non-defective equiptment in any state I've ever lived in. As far as I can tell, the dealer was generous taking the unit back at all, and charging 15% for the "evaluation period" does not seem even slightly unreasonable. If you thought you were going to take the radio back and that was important, you should have asked about their terms. Assuming that they would let you bring it back was not a good assumption.

73,

Bret

3740. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:05:47 UTC
From: erik@csn.net
Message-ID: <3kl58r$h7b@news-2.csn.net>
Source record: 250337
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

michael silva (mjsilva@ix.netcom.com) wrote:
: In <3kkedq$7r5@news-2.csn.net> erik@csn.net (Erik Mugele) writes:

: (for counterpoise length)
: >you should use 234/F=Length of counterpoise wire (where F is desired
: freq in
: >MHz). (The good ol' quarter wave formula.) However, the AT-50 manual
: >says to use the following formula for determining the length of the
: >counterpoise wire: (1/4 * F) * (0.95) * (O.N.) = Counterpoise Length
: >where F is the Frequency in MHz, 0.95 is the "wavelength reduction
: rate",
: >and O.N. is any odd number.
: >
: >These formulas are very different. In the first, as F gets larger, the
: >length get shorter and in the second as F get larger, the length also
: >gets longer. Which formula is correct? Are they both correct? If so,
: why?
: >
: Substitute wavelength for F and it makes sense. I'm sure this is the
: very first time a Japanese equipment manual has been, shall we say,
: garbled :)

This thought also occured to me so I called up Kenwood tech support and
the person I spoke to there said that F indeed stood for frequency
in MHz. However I should add that my whole converstion with him did
not make me feel that he knew what he was talking about.

Erik
--
Erik Mugele * erik@csn.net * Finger mugele@csn.net for
Amateur Radio: N5XYX * mugele@fafb.af.mil * PGP fingerprint and info.
DoD#: 1030 * * PGP public key by request.
--------------------[Strip mining prevents forest fires!]------------------

3741. packet.....

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:10:33 UTC
From: jangus@skyld.grendel.com
Message-ID: <795744633snx@skyld.grendel.com>
Source record: 250338

In article <2a6.8467.545@acenet.com> brian.carling@acenet.com writes:

> RA>Ook ik wil graag wat goedkoper met anderen in verbinding komen, maar ik weet > RA>niet hoe...nou ja...
>
> RA>... En dat wilt ik nou ff kwijt......
>
> Ja! Dat iss fery fonny, RIENTS! End kwijt Vit snting der verden en
> dat dobblespik lengvich!

It's Dutch. One of the other languages spoken on the planet.

--
"Ideas are more powerful than guns. We would not let our enemies have
guns, why should we let them have ideas." -- Joseph Stalin

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

3742. ANARTS RTTY NEWS BULLETIN 850 19/03/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:12:01 UTC
From: dave@eram.esi.com.au
Message-ID: <3kl5kh$ark@eram.esi.com.au>
Source record: 250339
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 850 19/03/95

Sunday transmission schedules.
3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC VK2CTD (Col)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (Alan)
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

7.042 Mhz amtor/pactor mbs VK2CTD
INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

EA-RTTY Contest

The Spanish EA-RTTY Contest starts 1600 April 1 until 1600
April 2 on all 5 HF bands 80 through 10 meters according to
IARU band plans. (Please note revised date for this contest.)

Classification:
A) Single Operator All Band.
B) Single Operator Single Band.
C) Multi-Operator All Band only.
D) Short Wave Listener.

Exchange Message:
RST plus CQ zone number.
EA stations send RST plus *Prefijo Provincial* and CQ zone
number. There are 52 Spanish *Prefijos Provinciales*

QSO Points:
On 10, 15 and 20 meter bands, score one point for QSO within
own continent. Score two points for QSO outside own continent.
On 40 and 80 meter bands, score three points for QSO within
own continent. Score six points for QSO outside own continent.
Contacts between stations in the same DXCC country are valid
for Multiplier credit, but have Zero QSO points value.

Multipliers:
On each band, count one multiplier point for each CQ zone and each Spanish Province (*Prefijo Provincial*).

Final Score:
Total QSO points from all bands times total Multipliers from all bands.

Trophies:
Award and plate to winner in Class A).
Award to winners in Class B), C) and D).

Logs:
Use separate log sheet for each band. Include Summary Sheet showing, Scoring and other essential information. Official Log forms are recommended. Mailing deadline for all entries is May 5th 1995. Send completed logs to:

EA RTTY Contest Manager, Antonio Alcolado (EA1MV). P.O. Box 240, -9400 Aranda de Duero (Burgos), Spain.

IPS WEEKLY REPORT
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10 MARCH - 16 MARCH

DATE OF ISSUE: 17 MARCH 1995

INDICES:

DATE 10 11 12 13 14 15 16
10CM 79 76 76 77 79 81 84
A 13 23 26 29 15 16 (11 ESTIMATED)
T 47 48 66 49 34 12 21

SOLAR ACTIVITY WAS VERY LOW 10TH TO 13TH, AND 15TH MARCH; AND LOW 14TH AND 16TH.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS UNSETTLED TO ACTIVE ON 10TH, INCREASING TO ACTIVE ON 11TH, ACTIVE TO MINOR STORM OM 12TH, CONTINUING AT MINOR STORM LEVELS ON 13TH. THE FIELD REDUCED ON 14TH TO UNSETTLED TO ACTIVE, THEN QUIET TO UNSETTLED ON 15TH TO 16TH MARCH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE ENHANCED BY 15 PER CENT 10TH TO 11TH, 15 TO 30 PER CENT ENHANCED 12TH TO 13TH, NEAR NORMAL TO 15 PER CENT ENHANCED 14TH, AND NEAR PREDICTED MONTHLY VALUES ON 15TH TO 16TH MARCH.

FORECAST (17 MARCH - 23 MARCH)

SOLAR: LOW.

GEOMAGNETIC: 17 MARCH - MOSTLY UNSETTLED, WITH BRIEF ACTIVE PERIODS POSSIBLE; 18 TO 23 MARCH - QUIET TO UNSETTLED.

IONOSPHERIC: DAYLIGHT ENHANCEMENTS OF 10 TO 20 PER CENT
THROUGHOUT THE WEEK.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

VK2SG RTTY DXNOTES FOR WEEKENDING 10 MARCH 1995 (BID RTDX0310)

Our thanks this week go to AA6EG, AA5AU, W5ZPA, WX5L and the
K5NV DX Packetcluster in New Orleans, DJ3IW and the DB0SPC
Central Europe DX Cluster, I5FLN and the IK5PWJ Packetcluster,
JF1MGI, KD2YG, W5KSI, ZS5S, and the Minnesota DX Packetcluster
Network.

Friday 3
0106-14081 VP2MFM QSL WD4KXB
1312-21086 FR5HG
1348-14086 OH2CE
1357-14084 RU3QW
1634-14087 FR5HG
1738-14078 CT3AR Pactor
1752-14074 XE1EMG Amtor FEC
1833-14083 VP2MFM
1939-14082 FG5FT
2034-14083 9G1BS P.O. BOX 3242, ACCRA, GHANA
2213-14084 VK2KM

Saturday 4
0125-14084 AZ7FAF
0125-14084 HC6IM
0150-14085 K7IHI/KH6
1145-14069 TL8MS Pactor
1419-14082 UN5PR
1510-21085 C91A
1513-14082 CT1AUR
1551-21087 4X6UO
1553-21087 FR5HG
1620-21081 VP2VE
1630-14083 CT1EBA
1634-21090 ZS6BOK
1659-14079 HK6HFY
1721-14087 UX0KX
1819-14069 VQ9SF Pactor
2319-14086 AZ7FAF

Sunday 5
0125-14084 AZ7FAF
0125-14084 HC6IM
0659-24900 VS6BG
0737-18105 UN5PR
0744-14069 SU1CR Pactor
0800-14090 9M2MW
0821-14069 TL8MS Pactor

1230-14086 EA8ATE
1324-14078 PJ2MI Pactor
1455-14088 5B4VX
1541-21097 CN8BD HF Packet
1616-14085 V31AR
1624-14084 DU1SAN
1705-14086 FR5HG
2303-14087 HK4DF
2341-14082 CX8ABW

Monday 6
0052-14082 6Y5YZ
0137-14087 XF0M
0309-14079 VP2MFM
0359-7079 VP2MFM
1153-14080 VP2MFM
1637-14086 UX0KX
1717-14086 TA2II
1731-14090 SV50OP/P QSL SP6CYV
1805-14086 ER3ED QSL I8YGZ
2246-14086 9G1BS

Tuesday 7
0137-14083 KL7WP
1253-14089 YL3SW
1321-14082 UN5PR
1327-14084 OZ1ENH
1459-14082 ER3ED
1619-14087 UT4HZ
1655-14084 LZ1MC
1706-14087 UT2IZ
1755-14085 SP9ANT
2243-14078 PZ2AC Pactor
2302-14069 PP2ZDX Pactor QSL WD6L

Wednesday 8

0037-14087 LU8EKC
0038-14087 VP8CKN
0306-14085 UN5PR
1804-14081 ER3KS
2300-14082 9G1BS
2302-14085 PJ2/AA1LI

Thursday 9
0018-14088 XE2DV
0133-14086 XF0C
1344-21086 3DA0CA
1351-14083 UX0KN
1427-14085 OH1LA
1434-14087 IT9MRW
1435-14087 UT2IZ

2015-14086 J28JJ
2106-14065 5N3ALE Pactor
2347-14082 9G1BS

Notes of Interest:
EUROPA, FR/E - Look for FR5HG/E now until mid-April on 10, 15, 20. and 40 meters working all modes.

SPRATLY, 9M0 - The 9M0A expedition between 29 March and 3 April, mentioned in last week's Notes, will operate RTTY on the following frequencies: 7029, 14080, 21080 and 28080 khz. QSL via JA9AG.

TUVA REPUBLIC, UA0Y - A one month DXpedition to this isolated central asian republic in Zone 23, starting in late May or early June, is being organized by AA6EG and UA4LCQ. All modes 80-10 meters including RTTY, are planned. Russian operators will include UA5WE, RB5WA, UA4LC, and others. There is room for an additional American operator. If interested in participating, contact Pat Barthelow, AA6EG, 1388 Boles Ct., Seaside, CA 93955. Tel: (408) 394 5531. Internet:4947@mgs.com, or Packet: AA6EG@K6LY.#NOCAL.CA.USA.NOAM

The 1994 RTTY operator of FT5XJ told W5ZPA in a telephone conversation that some QSLs have gone out but the remainder have been delayed for about a month, due to a computer problem.

The VK2SG RTTY DX NOTES are available on Internet via Telnet or FTP at ab6z.ampr.org. The directory is called - forward slash - rttynote
(Note the - forward slash - ...NOT a - back slash -)

For next week's bulletin send your bandpass and notes of interest to Luciano, I5FLN at ZS5S.ZAF.AF

73 es good hunting de Jules W2JGR at W5KSI.#NOLA.LA.USA.NA
or Internet: w2jgr@millcomm.com

==========
425 DX NEWS * CALENDAR
==========
edited by I1JQJ & IK1IYU

PERIOD CALL REF

till 31/3 C31=C37 * special prefix 198
till April CE7LHG: San Pedro Isl. (SA-053 198
till April D68QM * by ON4QM 197
till end April FR5HG/E HP1/DL8SEP: NA-072 201
till December FT5XK: Kerguelen 190
till ? gna Grande (EU-091)(BR-01) by Salento DX Team 199
till 24/3 KL7FBI: Shemya Isl. (NA-037) 199

till middle Apr PJ9JT * by W1BIH 194
till August KC0PA/S0: Western Sahara 198
till 28/3 S79MX * by HB9MX 200
till December 95 VP8CMR: Antartic Base Halley (WABA G-08) 191
till April YA/PA3BTQ 196
till ? YA/UT9XL 201
till ? 4K1HX: Baku * by IK2BHX 193
till ? 4S7/JA4FM 201
till 22/3 K6JAH/6Y5 197
till 22/3 9M8 * by DL8NBH & DJ2EH 194
till April 9Q5FH 195
till April 9Q5TT * by ON6TT 195
11/3-end March 5B4/DL8KWS 201
16/3-21/3 ZF2JC/ZF8 * by NC8V 201
16/3-15/4 ZP * by NI5D & KD5IC 201
17/3-23/3 IK1XHT: Torino University 201
18/3-22/3 H44MS: Honiara * by DL2GAC 201
20/3-26/3 CQ4I: Cobra Isl. * by CT1ASU,CT1EEU,
CT1ERY,CT1FDU 190
21/3-24/3 5H3CK/A: Nyuni Isl. (NO-REF) 201
22/3-27/3 P40R * by K4UEE 201
23/3-30/3 AH0W * by OH2LVG 201
23/3-30/3 ZF2AB * by WA3FYZ 200
24/3-26/3 YB0RX: Enggano Isl. (OC-???) * by YB team 200
24/3-3/2 3D2CT & 3D2CU: Conway reef 195
24/3-7/4 9H1TZ & 9H1TY * by DL7VTZ & DL7VTM 201
25/3-26/3 GT3FLH: Isle of Man 196
25/3-26/3 IO1P * by IK1NLZ 199
25/3-26/3 IR1ANT * by I1HYW, I1JQJ & IK1GPG (WABA
JOKER) 195
25/3-26/3 IR3X * by "Vecio Piave" team 199
25/3-27/3 J8: St. Vincent (NA-109) * by DL1XAQ &
DL9XAT 200
25/3-28/3 TM5AUP * special station 201
25/3-26/3 TM8LUM: Lyon * special call 197
25/3-29/3 5H1CK & 5H3CK: Mafia Isl. (AF-054), Boydu
Isl.(NO-REF) 201
26/3 EA7BR/p: Isla Puntal de la Cruz
(DIE S-224) 199
27/3-1/4 J8: Mustique Isl. (NA-025) * by DL1XAQ &
DL9XAT 200
29/3-2/4 BV9AAB: Pescadores Isl. (AS-103) * by
BV2AS 200
29/3-3/4 9M0A: Spratly * by JA & 9M6 team 199
31/3-2/4 BV/JI6KVR 200
March AP * by DK7PE 201
March-April P2: Woodlark Group (OC-???) * by DL2GAC 196
March PJ7/KA3DBN 197
end March-May VQ9TN * by K5TNP 195
March VP2EBN * by KA3DBN 197

March-September ZD8WD * by G4RWD 197
March-April 8Q7XO * by DL7UTM 191
March 9M8 * by OH2LVG 194
March 9U * by F5FHI 196

Coming events

March 18th-19th BARTG Spring RTTY Contest
April 1st-2nd EA WW RTTY Contest

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President(Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB.

Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes ANARTS NEWS 850 19/03/95.

Inserted by VK2BQS (Jim) Vice-President A.N.A.R.T.S.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

3743. IC(2/4)SRA owners wanted

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:12:49 UTC
From: yuri@macline.com
Message-ID: <2613501855.6858542@macline.com>
Source record: 250340

I'm looking for anyone who has one of either of these rigs (Icom IC2SRA or IC4SRA) who would bother to tell me what they think of them. I think I'm interested in one, but I would like to hear opinions to make sure. The 440 version is my real interest, but I'm sure they'll both work similarly.

Thanks and 73,

KB8RFU
Yuri.
****
Mac Line BBS: (608) 233-9487 - A FirstClass System in Madison, WI USA
****

3744. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:23:29 UTC
From: leblancm@gel.ulaval.ca
Message-ID: <3kl6a1$lkv@goudron.gel.ulaval.ca>
Source record: 250341

While it is true that propagation is not dependent on the modulation technique being used, it is also true that, for weak signal work, AM is better because the bandwidth is somewhat smaller, and thus less thermal noise enters the receiver.

For the same reason, DX at UHF/microwaves never uses FM, but rather SSB, which is the type of analog modulation that occupies the least possible bandwidth.

73.

de Mario Le Blanc, VE2GTP

In article <D5r63s.9x8@spaceworks.com>, billhar@spaceworks.com (bill harris) writes:
> <<Uhhhhhh, what make propagation different for FM than
> AM?????????>>
>
> Nothing. Propagation is not debendent upon the mode of
> transmission, but upon the frequency used and current
> band conditions.
>
> Bill - K5MIL

3745. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:25:18 UTC
From: bob@mtdcr.att.com
Message-ID: <D5rL66.733@nntpa.cb.att.com>
Source record: 250342

From article <3kkekk$5dd@tadpole.fc.hp.com>, by ron@fc.hp.com (Ron Miller):
> Steve Wilson (stevew@netcom.com) wrote:
>
> : Why do people run marathons? You answer that question and you'll be
> : on the road to understanding contesting(or any other long duration "sport")
> : that people take part in.
>
> : : Yet, I'm amazed at how popular contesting seems to be -- or at least that's
> : : the impression I get from the latest CQ. I'm even more amazed that amateurs
> : : in other countries have gotten hooked on this.
>
>
> I myself don't understand contests either. But I don't begrudge contesters
> their passion EXCEPT that the road is clogged with a marathon each and
> every weekend and on all the major roads!

They certainly weren't clogged this past weekend! Lots of wide open
spaces on every HF band!

Actually, if you look closely, you'll see that contests don't clog
every band. Nor every weekend. There are only a few major contests
that are capable of clogging bands -- and those are generally one
mode at a time, leaving plenty of room for other activities.

On the rare occasions that a contest does clog some bands/modes, it
just might be because a whole lot of people like the activity.

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.mt.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

3746. Re: <<<<MY NEW CALL>>>>

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 00:44:56 UTC
From: gh@hopper.unh.edu
Message-ID: <3kl7i8$4ch@mozz.unh.edu>
Source record: 250343

Welcome to the world of ham radio. Your call sounds great. I am partial to calls with the suffix u in them. My original call was ka1uep and now is wr1u. Keep it even when you upgrade, it's a good cw call. 73 de Gary/wr1u

--

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| Gary Hurd gh@christa.unh.edu |
| Packet address wr1u@ka1ou.fn43fe.nh |

3747. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 01:06:56 UTC
From: rwilkins@ccnet.com
Message-ID: <3kl8rg$1hn@ccnet3.ccnet.com>
Source record: 250344

Gary Ricketson (garryr@netcom.com) recently wrote
in <garryrD5r0sK.BI2@netcom.com>:

: Lets give a worse case scene , you and your kids are out bicycleing
: in a rurual area , a truck accidently hits one of your kids ,
: there are no phones or houses near by , your kid is dieing ,
: but you have a hf rig , just about the time you are going to give
: directions to your location , some idiot like k1man starts playing
: his one way "loop tapes" ,"bullitons" , and the station you
: were giveing the info to cannot hear you any more ,not even well
: enuff to establish another freq , one way broad casts have no place
: in bands that are intended for 2 way communications.

You might learn how to use the vfo and listen up or down from the
frequency. Most nets and communications do move + or - the QRM. Most
gentlemen have practiced this concept with ease for many years. This
proposal does nothing to reduce the real QRM on the bands. The real QRM
comes from stations who think they own the frequency. Be flexible, move a
little bit, it could save a kids life.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3748. VK2WI Weekly News, 19th March, 1995 [LONG!]

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 01:22:28 UTC
From: dave@eram.esi.com.au
Message-ID: <3kl9ok$cd5@eram.esi.com.au>
Source record: 250313
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

VK2 President's Message

This is Michael Corbin VK2PFQ.

Here we are again another week into our campaign for FEE
FREE Amateur Radio. As with last week I intend reading further
extracts of Hansard from last weeks Parliamentary Debate. Last week
I read the speech by the mover of the motion Mr. Elliott, member for
Parramatta. This week I'll read the speech of another Government
Member as well as one from the opposition. This will show you both
sides of the spectrum. You might get your tape recorders ready, but
first a bit more preamble.

You will recall last week that I asked you to now write to your
Senators and enlist their help, as this matter has to go to the Senate for
debate. During the week, I have received more copies of letters from
the Democrats' Whip Senator Vicki Bourne. It so happens that this
lady is most interested in finding out more about Amateur Radio
People. Senator Bourne seems to have sent basically the same letter in
answer to all Amateurs who have written to her with small alterations.
I quote from the letter that she sent to Greg Wilson, VK2JWA;

``The Democrats share your concerns at the Spectrum Management
Agency's recommendation for large increases in amateur radio licence
fees. The Agency fails to recognise the benefit the community gains
from the amateur radio community.

``We have raised your opposition to the fee increases with the Minister
for Communications and with the Agency. You will no doubt be
aware that, on 9th March, the government announced that the
proposed new charge had been reduced from $71 to $51. This is
obviously a large improvement, but it still represents a sizeable
increase over the previous fee. We will not finalise our position on
that move until we have received further feedback from the amateur
radio community.

Thank you for bringing your concerns to my attention.....''

Well there you have it an open invitation to write to Senator
Vickie Bourne......BUT do it NOW! Do it TODAY! Do it after the
Broadcast....But whatever you do ... DO IT!!! DON'T put it off!!!

Yesterday I spoke with one of the members of the ALP Caucus
Committee on the Arts, Transport and Communications. He told me that
he personally had received many many many letters as well as personal
representations. He reckoned it was all my fault. Let me tell you I was

flattered to have caused him all that work. Further he indicated that the Government had also received its share of fan mail. This show that your letters did exactly what you wanted them to... To change the Governments mind. Your letters got the fees from $71 to $51. Now you have the opportunity to get them down even further - hopefully to nothing.

Does this mean that you have to write a new letter to another politician? The answer is of course....NO! Lets take a leaf from the politicians book. We are in an age of recycling so....recycle that letter you sent to your member and send it now to the Senators of the Upper House. The Senators that we are particularly interested in alerting to our plight are those of the Democrat persuasion, The Greens and the lone Independent Senator Harradine from Tasmania.

How long have you got to do this...only this week. So don't put it off, do it now. The Lower House sits again in the week beginning the 27th March. The Senate sits next week, so you only have a week to do it. So who do send them to. I'll tell you that at the end of my broadcast. By then you will have heard the political argument of two members of the Lower House, M/s Henzell, Government and Mr. Forrest, Opposition. If these illuminating addresses don't galvanise you into action..... nothing will!! So... pens and pencils ready at the end of these two speeches from Hansard. I have by necessity read them quicker than normal as I have to put a lot of information into a small space.

[start of extract]

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 9 March 1995 (13:55) Page: 1998

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Mr FORREST (Mallee) (1.55 p.m.)--Here we have another example of this government's propensity to tax the community of Australia with absolutely no mandate whatsoever. We have these bills before us today, with titles which all include the word `taxes': the Radiocommunications Taxes Collection Amendment Bill, the Radiocommunications (Transmitter Licence Tax) Amendment Bill, and the Radiocommunications (Receiver Licence Tax) Amendment Bill.

It seems that this government has an unbelievable preoccupation with tax, trying to satisfy an insatiable thirst for revenue. There is a suggestion that everything that moves, and sometimes even everything that dies, should be taxed; and not only taxed here, but taxed at a whole variety of different points. I have spent 20 months in this parliament, Mr Deputy Speaker; and given what I remember of the March 1993 election, I would say that if this government has any mandate whatsoever it is not to increase taxes. But here we have another example of its preoccupation. The government is so preoccupied with taxing that it wants to tax hobbies.

I have noted that the government has responded to what has been a fairly massive degree of representation, and I have noted that most members have received letters from persons within their own electorates who are amateur and ham radio operators. I do not think the government can take too much credit for reducing a proposed increase in its tax on amateur radio operators. All it has done is to reduce it by $20. It is still an increase in a tax on a hobby.

I can appreciate that there are other elements, and that the purpose of this legislation is to enable some flexibility in the payment of annual licence instalments. There may be some merit in that, and to that extent the coalition is not opposing these bills. However, my namesake, the honourable member for Forrest (Mr Prosser) has just appealed to the government to reconsider its intent to tax a group of Australians who make a contribution to our community. I would like to take the opportunity later to demonstrate that it is a valuable contribution. The government ought to consider what it might cost a government to provide the sorts of resources in terms of public safety and contribution to public events that are provided by ham and amateur radio operators.

Indeed, when it is considered that the annual revenue from licence renewals is something around $100 million per year, it is clear that it is already a significant source of revenue for the government, so I was particularly annoyed to see the Spectrum Management Agency proposing initially to double licence fees. I was at least somewhat relieved to hear the Parliamentary Secretary to the Treasurer (Mr Elliott), when he introduced these bills, say that there has been some amendment to that.

The Spectrum Management Agency currently supervises about 250,000 radio licences. The fees for these have in the past varied from $18 a year for smaller marine licences and for CB and VHF operators to some huge amounts for multiple public mobile telecommunication services, fees for which often amount to several hundreds of dollars-- even $700,000 per year on big installations.

I want to address the assistance that is provided by amateur radio operators, particularly in emergency situations. The support they provide to community organisations has been a consistent part of their ethos, and has been promoted by radio operators as part of that ethos for decades.

One of the other valuable contributions--I have a notable number of international radio operators in my own electorate--is the contribution they make to the worldwide promotion of goodwill because of their community and international communications. I have been informed by some of them that, when they have made comments about this increase to some of their international corresponders via the radio spectrum, other amateur operators in other countries are completely surprised to find that this country wants to introduce such a dramatic increase in fees. I think it ought to be labelled as a cynical revenue raising exercise.

I note that the previous speaker, the member for Watson (Mr Leo McLeay), called us cynical and mean spirited in the contributions that we have already made to this debate. The only mean spirited people that the community of Australia ought to be alerted to are those who occupy the government benches. It is unbelievably mean spirited of them to tax community and amateur operators out there who, as I have said, provide such a valuable contribution to this community.

The Radiocommunications Act 1992 made provision for people such as community amateur radio operators because it included `adequate provision for use by public or community services'. The act also requires `a responsive and flexible approach to meeting the needs of users'. The substantial increase in licence fees causes me great concern because of its inconsistency with existing provisions of the act.

From that I formed my own conclusion about what a cynical tax raising exercise this is turning out to be. None of my corresponders are encouraged by the government's recent announcements that the amount of the increase is to be reduced. They still maintain that, as amateur radio operators who provide a valuable communication facility to train personnel in what is an important area of communications, their role should be recognised.

As the member for Forrest said, I would urge this government to reconsider that particular part of the legislation because it is completely unfair. I see no justification whatsoever in taxing this particular narrow group of people who are confined by the fact that they are a captive audience because they have fixed locations which are easy to find and, therefore, easily sourced for taxation revenue increases.

Mr Peter Milne of Mildura, whose call sign is VK 3PM, was one of my corresponders. I would like to quote parts of his letter to me in order to make his complaint part of the public record. He introduces his letter by referring to the proposed changes by the Spectrum Management Agency. He then says:

``Amateur radio is a recreational and educational "hobby" pursued by a wide range of people in our community. Amateur Radio is of immense benefit to the community.There are many instances where it has played a crucial and important part in providing emergency communications where civil and military systems have been unable to perform.''

He then provides examples of communications with respect to Cyclone Tracy in Darwin, recent bushfires in many of our states and past earthquakes in New South Wales. He goes on:

``It is a hobby that produces effective self training in technology. Many young people graduate to a career in electronics having had their ambitions developed through such an interest. The Scouts and Guides movements of Australia have many stations used in training of their youth. There is immense social value in a recreational hobby particularly suited to handicapped persons and also senior citizens.''

I continue to quote from Mr Milne's letter. He states:

``The Amateur Radio Service provides a ready pool of trained personnel available for service to the country . . .''

I would emphasise just how important the contribution of amateur radio operators is in rural areas, especially in an area like mine which is 70,000 square kilometres, one-quarter of the north-west of Victoria. The letter continues:

``Australian Amateur radio operators are among the world leaders in development of new technology and have recently made significant contributions to research in areas such as satellite technology and radio propagation studies. The hobby provides a valuable service in development of international relations. There are many more positive aspects that could be mentioned.''

He sought my support to have the proposed fee increases rescinded. He has that support, and he has the support of all of us on this side of the House. It is quite clear that in terms of amateur radio the government ought to have made more appropriate allowances.

Mr Milne's letter refers to some of the community benefits of amateur radio, but there are many others which are impossible to measure in dollar terms. You could not measure in dollar terms the benefit of amateur community radio. Therefore, I find it unbelievable that the government would let its insatiable thirst for revenue override such benefits and that it would propose a cost to services when it has not even considered what it would cost the government to provide such services.

I would like to draw attention to a particular, huge community event that occurs in my electorate. It is the Murray River marathon. The marathon starts as far upstream the Murray River as Albury and ends in Swan Hill, which is the city in which I reside. The role that amateur radio and the communication networks play that ensures the community and public safety of that event is just one example of which I am already aware of the benefit of amateur radio operators.

If we get back to the more particular focus of this legislation, like many other pieces of legislation brought to this House, it is all about tax--for goodness sake, tax it; tax it if it moves! Fuel tax is an unbelievable impost that affects everything we do, particularly those

in rural Australia. I am reminded of the government's obfuscation during its last election campaign when it had those TV advertisements with cash registers popping up at the sight of a tube of toothpaste showing an extra 15 per cent tax. That was a complete obfuscation of the truth, and it completely overlooked the fact that the government's last policy was to remove seven taxes and have only one fair and balanced tax. So, if this government has any mandate, it is not to increase taxes.

Tax it if it dies! Every year in pre-budget deliberations, we hear about death duties and inheritance tax. Tax it if it burns! We recently heard intonations from the government that it wanted to introduce a carbon tax. Thankfully that was knocked on the head. It would have imposed more on-costs to business in this country. Tax it if you sell it-- wholesale sales tax! Tax it again if you buy it! The dramatic increases we have seen in the last 20-odd months in wholesale sales tax completely surpass anything we had originally proposed or intended with the goods and services tax. Tax it if it gains value--a capital gains tax! Now we hear suggestions that if it sleeps it will be taxed--a bed tax. What an imposition that is going to be on the valuable tourist industry of this nation.

When it comes to amateur radio, I think it is outrageous and completely unfair. The government ought to reconsider. It has given some reconsideration, but I think it ought not increase at all this particular component of amateur radio.

My understanding of taxation is that tax ought to be levied on a profit or a likely profit. I remind the government that licence by regulation would prohibit amateur radio operators having a profit. So how could taxing it be right? Tax on the use of radio spectrum, which is already set aside by international convention for amateur radio, does not occur in any other country. So it is completely unfair, unjust and flies in the face of practice in other countries. From what I hear, we are already something of a laughing stock in the international communities in which amateur radio communicates. No other country in the world levies such a tax on their amateur radio operators.

Is the government really aware of the size of the group it wants to antagonise by the introduction of this tax and the powerful communication facility they have available to communicate a message about the lack of mandate this government has to tax them? Currently, there are about 18,000 amateur radio operators and, internationally, their numbers are measured in millions--a huge communication network. They have powerful radiocommunications at their disposal-- they talk a lot. As I said, already international reaction is not favourable on this government's intent to tax them. This particular aspect of this legislation has been grossly ill-considered.

Again, because amateur radio operators are a registered minority, they are an easy target. I refer again to Mr Milne's letter where he asks for my support to see what I can do about ensuring that these increases

are not imposed. In his letter he says:

``I require your support towards action to have the proposed fees rescinded and another more suitable approach taken. We would consider it an excellent result if we were granted licences free of charges as is the case in the United States where the community, education and recreational value of Amateur Radio is highly valued.''

I assure Mr Milne that I do oppose this unjust form of tax. The government ought not hide behind its statement that this legislation is all about a positive gesture of allowing greater flexibility in the payment of radio licence charges. I recognise and support professional and large radio licence operators having their fees reduced by taking up payment options. My particular objection is that I consider amateur radio operators an important group of Australians who have a function to fulfil.

The package was developed as a result of public inquiry which was initiated as far back as December 1993 at the direction of the government. This package aims to respond to industry requirements resulting from that inquiry into that more flexible arrangement, so I support that aspect. The new payment options introduced by the package coincide with a whole new licensing computing system and will therefore provide a much clearer and easier administration. At least that part seems to meet some of the aspirations of the industry. But nowhere in the legislation or in reading the background information do I find any justification for the `punitive' attitudes towards amateur radio operators. I do not think they ought be used to subsidise some of the gains that might be achieved for other licensed operators.

I remind the government that we will take every opportunity to remind them that it has no mandate to increase taxes on Australians. We bitterly oppose these arrangements and certainly take offence at a bill like this which seeks to call increases in tax revenue through licence fees `revenue gaining exercises'. They are simply taxes and they cost Australians, and we are opposed to that.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 9 March 1995 (14:15) Page: 2002

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Ms HENZELL (Capricornia) (2.14 p.m.)--Mr Deputy Speaker, I am pleased to contribute to this debate on the Radiocommunications (Transmitter Licence Tax) Amendment Bill 1994 and cognate bills. I was very disappointed to hear the comments of the member for Mallee (Mr Forrest) who, I know, is concerned about all issues that may impact on his constituents. I believe he is not presenting the full facts. I dare say that the criticism in relation to this bill goes back to 18 January when the shadow minister for communications and the arts, Senator Alston, took up this issue in a press release. He said:

``It is difficult to avoid the conclusion that amateur operators have the misfortune to be a disciplined, individually licensed service and, therefore, an easy target for revenue raising . . . ''

And it goes on and on. While we all recognise the contribution made to the community by amateur radio hams, the opposition spokesperson failed to indicate that he had any idea of what was in the report of the Spectrum Management Agency. He said that it indicated that there had been no consultation. The facts are at variance with that statement. Indeed, if the member for Mallee had cared to look at the information, he would have been able to clarify the situation.

On 8 December 1993 the then communications minister, the present Minister for Resources (Mr Beddall), instituted the inquiry. Throughout January and February 1994, the SMA distributed over 4,000 copies of the discussion paper to interested parties, advertised widely and then proceeded to conduct 14 public seminars attended by over 900 people. It received 422 submissions and reported its findings to the then Minister for Communications and the Arts, the present Minister for Primary Industries and Energy (Senator Collins), at the end of May 1994.

At every stage of the proceedings there was close consultation with the Institute of Wireless Operators. Indeed, it was very involved when this issue was being looked at. There is hardly a case for saying that there has been no consultation. There has actually been widespread consultation.

The general line being presented is that the whole basis of the legislation we are now debating--the report of the Spectrum Management Agency, titled Inquiry into the apparatus licence system: a new outlook--came about because we have a down on amateur radio operators in this country. In fact, as is quite clear from the report, the reforms go to the whole management of radio communications.

Yesterday, when the Parliamentary Secretary to the Minister for Communications and the Arts (Mr Elliott) introduced these bills, he made it clear that the licence for amateurs would be a flat rate of $51; the original proposal for $71 had been just that, only a proposal. The reforms are widespread and very pertinent to the handling of this area of operation.

The report includes a number of recommendations. In relation to citizens band licences, there was a recommendation, adopted in October 1994, for class licences. Other recommendations include: the simplification of apparatus licence categories; arrangement for licence terms up to five years with very flexible payment arrangements--one of the key factors in the bills we are debating; the possibility of transferring apparatus licences between parties; and, very importantly, licence fee concessions for volunteer non-profit emergency organisations, such as rural firefighters, search and rescue organisations, coastguards, surf lifesavers and ambulance services in remote areas. Then there was a definite decision to charge for a range of services provided by the Spectrum Management Agency. Those charges are to be introduced on an equitable and transparent basis so that people can understand what the charges are for and why they are paying them.

What irks me is that the opposition parties continually bleat about government charges and cutting government expenditure. But the minute there is a specific option for user pays principles, for making sure that services are provided and that the government is accountable, they are bleating about how shocking it is that we are raising another tax.

I believe this is very unfair. I am sure all other honourable members have made representations on behalf of amateur radio operators. I take the time and trouble to find out the facts. Unfortunately, it seems that some of my colleagues in the opposition--and particularly the shadow minister--have decided that it is easier to score a cheap political point than to go and make a proper investigation. The shadow minister is the person who would like to be running this area of the government. This is a wide ranging report which has a number of very positive reforms for the use of the spectrum. All the shadow minister can talk about is this one small point.

No-one in this country wants to pay taxes but everybody wants services. Local amateur radio operators in my area felt this was an impost. I am sure they will be delighted with the very sensible decision made by the government. It is not about not charging them. Our amateur radio operators have done all the good things that my colleague the honourable member for Mallee suggested. I have no argument with all those good things.

While the amateurs were paying limited fees for the services they received, other essential services were paying much greater charges. One of the key benefits in these reforms is that a lot of these essential services will have a decrease in charges. That is a very sensible rationalisation. I refer to the editorial by Jim Rowe in the March 1995 edition of Electronics Australia. Mr Rowe indicated that he had lots of representations from amateur radio operators. He has taken a very responsible position. He says:

``Amateur licence fees haven't risen for about 10 years, even though the cost of most other goods and services have risen quite significantly in that time. Some sort of rise was probably

inevitable.''

He goes on to say that there will be increasingly fierce competition for space in the electromagnetic spectrum. He says:

``In many ways this is a finite resource, and historically amateurs have accumulated quite a lot of spectrum `real estate'. In fact I understand that in Australia, amateurs are second only to the Department of Defence in terms of their total allocation of spectrum space.''

He goes on further:

``The SMA has sought to base them clearly on the real costs of issuing and renewing licences, and also on managing each licensee's activities--together with a `spectrum access cost' or tax, based on the perceived value of the spectrum segment(s) being used on an exclusive basis. On the whole this seems reasonable, and is in fact the kind of changes taking place in many other countries as well.''

This is rather interesting:

The problem for amateurs is that because quite a lot of spectrum is allocated to them, applying this rationale strictly `across the board' would result in amateur licence fees rising to well over $500 per year.

If we really wanted to put in place a user pays principle, that is the sort of charge that would be allocated because, as Jim Rowe says, a significant amount of spectrum is allocated to amateur operators.

The other issue that has to be taken into consideration is that, if you are going to get into this hobby, which has lots of positive spin-offs, including emergency availability when there is an accident or a major disaster--and I commend the comments of my colleague the member for Mallee in this matter--the equipment will cost you at least $2,000. It is a considerable investment for people who choose to become involved or interested in this area or hobby. Therefore, a charge of $51, or even $70, would not seem to me to be a major impost.

One of the concerns brought to me that I responded to was about what appeared to be a sudden jump. Jim Rowe--and I assume he knows a great deal more about this area than I do--finishes his article by saying:

``It might well be prudent for amateurs to swallow hard and accept this fee rise, without much fuss. Attracting a lot of interest might cause renewed demands for some of that precious spectrum space, by potential users willing to pay a lot more for the privilege.''

That has not really been taken into consideration by some of our operators, for very well-intentioned reasons, but it has also not been taken into consideration for what I would consider fairly cheap political reasons by some members of the opposition, particularly by the person who would like to be making the decisions in this area--

Senator Alston.

If we look at the suggested reforms to licensing types, we see very clearly that this report has done a very good job. It has done a very good job because there has been, as I said before, this wide ranging consultation. There was a commitment that this consultation would continue in relation to a range of issues, including the cost to amateurs. Page 5 of the SMA discussion paper suggested that the licence types should be:

.workable in number;

.clear, simple and mutually exclusive;

.able to accommodate new developments in technology and service delivery;

.be consistent with SMA management functions, such as planning, applying licence conditions and setting fees; and

.be administered efficiently (for example, by automation).

Thus, as a general principle, there should be a minimal number of `broad purpose' licence types. This approach is consistent with the majority of submissions to the inquiry.

In fact, it came up with a grouping of 16 new transmitter licence types with three new receiver licence types which would be based on definitions in the Australian spectrum plan. I just want to go through those briefly to indicate the breadth of areas we are talking about. The first area is aeronautical. The second area is aircraft. The third area is amateur, and within amateur are several subgroupings: unrestricted, limited, novice, intermediate, novice limited, amateur beacon and amateur repeater. They are allocated a proposed differing amount. The fourth area is broadcasting, which includes broadcast service and narrowband area service. The other areas are defence; earth; fixed; land mobile; maritime coast; maritime ship; multipoint distribution station, MDS; outpost; public telecommunications service; radiodetermination; scientific; and space.

We are talking here about a very important area, particularly with the increase in high tech and communications looking for areas of the frequency. I believe the amateurs continue to have a very fair operation. The sorts of licences we are intending to provide under this bill indicate that we are prepared to be very flexible about the way those payments are made--to make it much easier, for instance, for retired hams to be able to make those payments. I believe we have done a very good job here.

I want to further comment on the public or community service providers. One of the recommendations in the report on page 11 states:The SMA considers that concessions should apply to volunteer, non profit, emergency organisations involved in rural fire fighting, search and

rescue, coast guard and surf life saving activities (principally providing safety of human life services) and to individuals who support such organisations. Organisations involved in ambulance services in remote areas will also qualify for concessions.

The sorts of concerns that have been raised by a number of people, including the amateurs, have certainly been considered in this report. The government and the agency have responded to a range of calls from the community about the method of charging, which has been suggested is in line with recommendations of the House of Representatives Standing Committee on Transport, Communications and Infrastructure and the public inquiry process.

Some concerns were put to me about the fact that citizens band radio holders had been provided with a class licence. But, from information given to me, it is clear that the CB bands - although they appear to very numerous--occupy a relatively small part of the spectrum and do not require the sort of regulation or representation the SMA has made on behalf of the Wireless Institute of Australia in terms of the accreditation of their examinations and international representations.

Although it would appear to individual amateur radio operators on the ground that the Spectrum Management Agency does little for them, a great deal is done on behalf of this group of people--which is about 20,000 across the country. However, this means that about 30 per cent of licensees would experience fee increases--this is where the amateur licence holders are found. Local government authorities, state governments and the emergency service organisations will benefit considerably, as will organisations such as taxi operators and paging services--those small businesses about which the opposition claims to be very concerned. Although I can understand the concerns of amateurs in terms of the CB network, the facts really speak for themselves.

I return now to the amount of spectrum that is available. Amateurs occupy a great deal of the spectrum--44 blocks in 23 different bands, which is well above what is generally available in other countries. So there are 20,000 amateurs with 179 times more spectrum than the estimated 800,000 CB operators. Each amateur uses significantly more power than CB users. As I said before, amateurs occupy more spectrum than most others, except the Department of Defence, which I think we would all agree would require a fair degree of spectrum.

The government, through its consultations, has certainly listened to the voice of a relatively small group, and that is the art of politics. The amateurs have lobbied their members, we have made representations and the government has decided to respond by making it a flat rate, which I believe is realistic and reasonable. I hope that all the amateurs will be very happy with that resolution.

We have not backed down or buckled under pressure, and we hear this nonsense ad infinitum and ad nauseam from the opposition. This has been a process of consultation for more than 12 months, and there have been

further consultations. In my view, it is a good decision and I hope we will hear less from the opposition of this nonsense about another tax.

[end of extract]

Well there you have it....as I said before I read these....If that doesn't stir you into action then nothing will.

If you missed these speeches, then either listen again this evening or consult your Bulletin Board.

If you wish to read the whole of Hansard.... They will be on packet after this mornings' broadcast. Now those addresses...

Senator Vicki Bourne, G.P.O. Box 36, Sydney, 2000

Senator Cheryl Kernot, 145 Melbourne St., South Brisbane 4101

Senator John Coulter, 9 Druid Ave., Stirling S.A. 5152

Senator Meg Lees, 2 Waterloo Street, Glenelg. S.A. 5045

Senator John Woodley, Commonwealth Parliament Offices,
295 Ann Street, Brisbane. 4000

Senator Robert Bell, P.O.Box 96, North Hobart, 7002

Senator Sid Spindler, Eastbourne House, 62 Wellington Pde.,
East Melbourne. 3002

Senator Christabel Chamarette, P.O. Box 137 West Perth 6872

Senator Dee Margetts, Commonwealth Parliament Offices, St.
Martins Tower, 44 St. George's Terrace, Perth, 6000.

Senator Brian Harradine, G.P.O. Box 896J, Hobart. 7001

Hansard extracts in Pres. Msg.

The WIA (VK2 Division) President's address this week contains extracts of the current Hansard, detailing the parliamentary debate about the Amateur licence fees. It makes interesting reading.

Further extracts will be posted as part of the Presiden't address next Sunday, and a summary of the main points raised will appear during the week.

The final part of the address contains the addresses of Senators to whom Amateurs are advised to write, before the bills reach the Senate. The time to make your voice heard is NOW, so please take the time to write.

Note also that your letters to the Federal parliament may be sent POST-FREE - details in another VK2WI bulletin.

FED GOV DEBATE ON FEES

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 8 March 1995 (19:10) Page: 1872

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX)
AMENDMENT BILL 1994
Cognate bills:
RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994
RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading
Consideration resumed from 8 December 1994.

Mr ELLIOTT (Parramatta--Parliamentary Secretary to the Treasurer) (7.10 p.m.)--I move: That the bill be now read a second time.

This bill is one of a package of three bills which amend the radiocommunications tax legislation to implement improvements to the radiocommunications apparatus licensing regime following the findings of a public inquiry held by the Spectrum Management Agency.

The full detail of the amendments in the package is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994.

This bill amends the Radiocommunications (Transmitter Licence Tax) Act 1983 to support the proposed changes by providing for tax to be imposed in relation to transmitter licences in various situations to give effect to the policy of giving applicants for licences greater flexibility in organising their licence arrangements.

The financial impact of the package of bills is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994. I commend the bill to the House.

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX) AMENDMENT BILL 1994

This bill is one of a package of three bills which amend radiocommunications tax legislation to implement improvements to the radiocommunications apparatus licensing regime following the findings of a public inquiry held by the Spectrum Management Agency. The full detail of the amendments in the package is explained in the second reading speech for the Radiocommunications Taxes Collection Amendment Bill 1994.

This bill amends the Radiocommunications (Receiver Licence Tax) Act 1983 to support the proposed changes by providing for tax to be imposed in relation to receiver licences in various situations to give effect to the policy of giving applicants for licences greater flexibility in organising their licence arrangements. The financial impact of the package of bills is explained in the second reading

speech for the Radiocommunications Taxes Collection Amendment Bill 1994. I commend the bill to the House.

RADIOCOMMUNICATIONS TAXES COLLECTION AMENDMENT BILL 1994

This bill is one of a package of three bills which amend the radiocommunications tax legislation to implement improvements to the radiocommunications apparatus licensing regime following the findings of a public inquiry held by the Spectrum Management Agency.

The other two bills in this package are the Radiocommunications (Transmitter Licence Tax) Amendment Bill 1994 and the Radiocommunications (Receiver Licence Tax) Amendment Bill 1994.

There has been concern by some apparatus licensees, particularly amateur radio operators, that changes proposed as a result of the Spectrum Management Agency's public inquiry will lead to significant licence fee increases. Changes to the fees for amateur radio operators are part of broader changes to apparatus licences. Under the proposal contained in Inquiry into the apparatus licence system: a new outlook, released in February, the fees for apparatus licences are to be based on a combination of the administrative and maintenance costs of issuing the licence and a tax component based on the value of the spectrum used.

Many apparatus licence users will see fee reductions under this formula, including the Royal Flying Doctor Service, state governments and taxi services, but some fees, such as amateur fees, were likely to increase under the draft proposal, as published. Most amateurs were paying $37 per annum but under the formula being applied to apparatus licences in general, their annual fee would have risen by between $8 and $34 to a maximum of $71.

As part of the implementation processes for establishing a new apparatus licence regime, it has always been intended that a final round of consultation would take place before fees were set. I am pleased to announce that the SMA has further considered the level of fees to be applied to amateurs in the light of the public benefit that amateurs provide to the community, and that a lower overall fee is now proposed.

In view of the training and experience in communications technology that amateurs provide to young people, and the role that amateurs provide in maintaining communications links in times of emergency, the SMA has decided to reduce the tax component of the licence fee to the minimum level. This will reduce the fee from the proposed $71 to $51 per annum. The fee would be applied to all amateur licensees. While $51 represents a small increase on fees paid for many years by amateurs, the new fee is based on the administration and maintenance services provided to this group by the Spectrum Management Agency, including the cost of issuing the licences, managing interference to their services, issuing and registering call signs, accrediting

examinations, and representing amateur interests in international negotiations. It also represents a reduction of $20, or 28 per cent, from the draft fee proposed prior to the most recent round of consultation.

While there are social benefits of amateur radio, the fee set at $51 represents more than fair value for their access, and ongoing use of large amounts of radiofrequency spectrum. The change in the level of amateur fees will not be offset by any increase in the fees paid by other radiocommunications licensees.

As part of its inquiry processes into apparatus licences, the SMA invited submissions from the public. A total of 422 were received. They covered a wide range of issues and provided a mix of views on how the apparatus licence system could be improved. Submissions were made by individuals and a range of organisations. The Wireless Institute of Australia, other amateur groups and many individual amateur licensees made submissions to the SMA.

A majority of submissions to the SMA's inquiry supported the issuing of apparatus licences for periods of up to five years, and greater flexibility for licensees in relation to the payment of licence fees, either by full up-front payment, or by annual instalments which may or may not be equal. With the commissioning of its new licensing computer system in March 1995, the SMA will be in a position to issue apparatus licences for terms of up to five years.

The proposed bills will give spectrum users greater flexibility in organising their licensing arrangements. Under the amendments proposed in the three bills, an applicant for an apparatus licence or a licensee will be able to choose between the following tax options:

(i) for an apparatus licence issued for a period of 12 months, payment of the annual licence fee current at the time the licence is issued;

(ii) for a licence issued for a period of more than 12 months, payment at the time of issue of the total licence fees;

(iii) for a licence issued for a period of more than 12 months, payment of an annual instalment upon issue and on each anniversary of the date of issue during the term of the licence; or

(iv) for a licence issued for a period of more than 12 months, where the licensee has previously elected to pay by annual instalments, and then decides to pay the balance of the licence fees, payment of the balance on the next occurring anniversary of the issue of the licence.

The Radiocommunications (Transmitter Licence Tax) Amendment Bill and the Radiocommunications (Receiver Licence Tax) Amendment Bill provide for the imposition of tax under each of these options.

The Radiocommunications Taxes Collection Amendment Bill amends the Radio communications Taxes Collection Act 1983 to set out the time the tax becomes payable under each option.

Where a licensee defaults on a payment of tax, the licensee will have failed to comply with the act, which would allow the suspension or cancellation of the licence.

The Radiocommunications Taxes Collection Amendment Bill includes an amendment which will enable the SMA to determine that an interest penalty is payable by a licensee who is paying tax upon each anniversary of the issue of the licence, but does not pay upon the due date for an anniversary. Such a determination will be disallowable by the parliament.

The Radiocommunications (Transmitter Licence Tax) Amendment Bill and the Radiocommunications (Receiver Licence Tax) Amendment Bill include a provision which will impose tax if a default persists for 60 days following the anniversary payment due date.

The amount of tax would reflect the total amount payable over the remaining period of the licence.

It is not possible to make a firm estimate of the financial impact of the proposed amendments as it is impossible to estimate accurately what percentage of licensees will take up the option of apparatus licences of more than 12 months when that option is made generally available to licensees and, of those, what proportion will elect to pay the full fee up-front, rather than pay on each anniversary during the currency of the licence.

The overall intention for the legislative package is to provide more flexible methods of paying licence fees for licensees, with no net loss of revenue over the period of the licence. I commend the bill to the House.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 8 March 1995 (19:20) Page: 1874

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX) AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION AMENDMENT BILL 1994
Second Reading

Dr KEMP (Goldstein) (7.20 p.m.)--During 1994 a review of radiocommunications apparatus licensing was conducted by the Spectrum Management Agency. One of the recommendations arising from that review was that a wider variety of payment options be made available to avoid the necessity for regular annual licence tax payments when

the licence term exceeds one year.

Currently, the only payment option available to holders of apparatus licences is to make annual tax payments throughout the duration of the licence. Under the legislation now before the House, the Spectrum Management Agency will be able to offer various payment options to licence applicants. Where licences have a duration of less than 12 months, the licence fee will be payable at issue as is currently the case. Licences of more than 12 months duration will attract a number of payment options, which have been set out by the Parliamentary Secretary to the Treasurer (Mr Elliott) in his second reading speech.

In its discussion paper on the apparatus licensing system in December 1993, the Spectrum Management Agency revealed that approximately 40 per cent of licence renewals are processed late, generally because of late payment. Under these amendments, the Spectrum Management Agency, the SMA, will be given the power to make disallowable instruments which will set interest penalties on outstanding amounts. In the explanatory memorandum to the amendments it is stated that the SMA will impose financial penalties for non-payment, rather than suspend or cancel licences, which at present are the only sanctions available to it. These amendments will commence upon the acts being proclaimed, which will allow for any slippage in the commissioning of the SMA's new RADCOM computer records system, which will be required to process the new applications.

The opposition does not oppose the Radiocommunications (Transmitter Licence Tax) Amendment Bill, the Radiocommunications (Receiver Licence Tax) Amendment Bill and the Radiocommunications Taxes Collection Amendment Bill as the measures in them are uncontroversial. The only question which does arise is the capability of the SMA to handle the licensing procedures and administer the changes in taxation. The Spectrum Management Agency recently increased the licence fees for amateur radio services throughout the community. As the government is plainly aware from the speech we have just heard from the parliamentary secretary, its move to do so prompted an outcry from amateur radio operators around the country.

The coalition clearly recognises the contribution which amateur radio services make to the community, particularly the assistance which these services provide in emergency situations, and the support provided to other community organisations. Until recently, this contribution has been recognised by the amateur radio licence fee structure and, as recently as 1992, when the Radiocommunications Act came into force, one of its objectives was to include `adequate provision for use by public or community services' and a `responsive and flexible approach to meeting the needs of users'.

The proposals to increase licence fees for amateur radio services was initially put forward by the government without, in our view, any proper consultation or publicly stated and convincing justification.

The Spectrum Management Agency failed to adequately explain how it arrived at the proposed fee levels. Although we are now told by the parliamentary secretary what these fees will cover, it is still not entirely clear just how the fee levels have been arrived at and why the fees that are now being announced differed from the fees which were originally put forward.

One can only assume that the changes that have been made were in response to the public outcry which accompanied the initial announcements. Once again, we see the way in which the government is making policy on the run in accordance with and in response to pressures within the community rather than on any sound basis which can be clearly argued and justified to this parliament and to the amateur radio operators in the wider community.

The shadow minister for communications, Senator Alston, indicated that he was attempting to ascertain from the Spectrum Management Agency its reasons for increases in amateur licence fees and the reason for an increase of the magnitude which was proposed. The conclusion has to be drawn that amateur operators have the misfortune to be a disciplined, individual licence service and, therefore, an easy target for revenue raising by the government, which as we know is engaged at the moment in a quite desperate effort to raise revenue to close the enormous gap between its spending and its revenue raising. We have seen a very clumsy effort by the government in this case, across the board, in attempting to rationalise the spectrum and in attempting to make decisions about the way in which this will be paid for.

The Spectrum Management Agency's reticence to provide answers to the questions which have been put to it by the shadow minister, and the way in which the amateur licensing issue generally has been handled by the government is, I regret to say, a part of the government's overall, exceedingly bad performance in the communications area. It seems that this area is constantly before this parliament as one requiring substantial criticism from our side of the House and one which is arousing a great deal of concern throughout the community.

We have seen the pay TV debacle presided over by the same minister who oversaw the recent woodchipping embarrassment. We have seen the current problems in this area with the Minister for Communications and the Arts (Mr Lee) under censure from this side of the House within the last 24 hours. A general record of incompetence and unsatisfactory, politically driven policy making has become characteristic of the communications area. It is a disgrace. I regret to say that the instability in government decisions in relation to licence fees for amateur operators is simply the latest example of the government's inability to put policy in this area on a sound basis.

While the opposition will not be opposing this legislation, on behalf of the coalition I put the Spectrum Management Agency on notice that

we will be monitoring its activities extremely closely and, likewise, the decisions that the minister will be taking in this area in the future.

Debate interrupted.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 9 March 1995 (13:30) Page: 1994

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX) AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX) AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION AMENDMENT BILL 1994
Second Reading

Mr LEO McLEAY (Watson) (1.33 p.m.)--I am very pleased to support the amendments that are before the House and I commend the government for them. I must say at the outset that I was surprised at the rather mean spirited remarks of the member for Goldstein (Dr Kemp), when he was responding on behalf of the opposition to the second reading speech of the Parliamentary Secretary to the Treasurer (Mr Elliott). The member for Goldstein seemed to think that there was something terrible in the fact that the government and the SMA had reconsidered the licensing fee that they were going to charge amateur radio operators. I will come back to that later in my contribution, but it is worth while putting on the record that the remarks were mean spirited. As members of parliament, rather than attacking the government for responding to people who make representations, we should be commending the government and the government agency, instead of telling them that we are starting to keep a closer eye on them for doing this.

These amendments will make it easier for apparatus licensees to pay their licence fees. They will now be able to make those payments annually for an apparatus licence, in instalments if they wish, and licences can be issued for a period of up to five years. That puts a little bit more certainty into these things for the licensees. Licensees will be able to have the choice of paying the total fee for the full period or paying by annual instalments.

Formerly, a default in the payment of a licence fee--which was usually an up-front fee--would have resulted in the suspension or cancellation of a licence. There was no scope to allow a licensee a period of grace in the payment of the fees. Often, people who needed these licences as an integral and ongoing part of their business could have been deprived of them through falling on hard times and suffering cash flow problems. These amendments make it a lot easier for business.

There are amendments which will introduce a system whereby people who default on an annual instalment will only lose their licences as a last resort. Licensees will now be able to pay by instalment, paying interest on the late payment of fees and, if still in default, pay the balance of the licence fee for the entire period. As I said, the licence would only be suspended or cancelled as a last resort.

Those amendments to the bills are the result of a long and detailed public inquiry by the Spectrum Management Agency. In 1993, in response to a report by the House of Representatives Standing Committee on Transport, Communications and Infrastructure, chaired by the honourable member for Shortland (Mr Peter Morris), the government directed the Spectrum Management Agency to inquire into the restructuring of licence fees for cost recovery. The Spectrum Management Agency released a public discussion paper, held extensive public seminars and consulted with the Wireless Institute of Australia and the Radiocommunications Consultative Council. Over 4,000 submissions were received, and the amendments before us today are among the many key recommendations to emerge from that inquiry.

The SMA plans to begin issuing five-year licences from April this year in line with the commencement of the radcom licensing computer system. It should be emphasised that these bills are intended to give apparatus licensees a choice, and give them flexibility in the way that they obtain their licences. They do not relate at all to the restructuring of the apparatus licence regime fee structure which has caused some concern amongst sections of the community.

As the chairman of the caucus committee on transport and communications I have received representations expressing concern about some aspects of the SMA's draft proposal for the change to the fee structure. With a number of other government members--and also, I understand, some members of the opposition--I have made approaches to the government to have the proposed fee schedule re-examined. Rather than the mean spirited way in which the member for Goldstein addressed this, I would like to commend the Spectrum Management Agency and the parliamentary secretary, because I am pleased to see that the SMA has further considered the level of fees to be applied to amateurs in the light of the public benefit that amateurs provide to the community.

A lower overall fee is now proposed by the SMA in view of the training and the experience in communications technology that amateurs provide to young people, and the role that amateurs provide in maintaining communication links in times of emergency. The SMA has quite rightly decided to reduce the tax component of the licence fee to the minimum level. This will reduce the fee from the proposed $71 to $51 per annum. The fee would be applied to all amateur licences. While $51 represents a small increase on fees paid for many years by amateurs, the new fee is based on the administration and maintenance services provided to this group by the SMA and includes the cost of issuing the licences, managing interference to their services,

issuing and registering call signs, accrediting examinations, and representing amateurs' interests in the international negotiations that the government carries on from time to time. It also represents a reduction of $20 from the draft fee which was proposed prior to the most recent round of consultations.

While there are social benefits of amateur radio, the fee set at $51 represents more than fair value for their access to and ongoing use of large amounts of radio frequency spectrum. The important thing is that this reduction in the fee has not been shifted onto others, because the change in the level of amateur fees will not be offset by an increase in the fees paid by other radiocommunications licensees.

I think the parliamentary secretary and the SMA should be commended for taking into account the work that amateurs do, both in times of national emergencies and in providing a very useful network that the community as a whole can take advantage of. People might recall that, during the bushfires in Sydney last year, people in the amateur radio area were involved in helping the State Emergency Service people. I think it was proper and reasonable for the government to take cognisance of the representations that were made, and it was proper and reasonable for the SMA to reflect that element in the fees that it charged.

The changes to the fees for amateur radio operators are part of the broader change to apparatus licences. The fee structure proposal is just one of the results of the inquiry that the SMA conducted for all users of the radio frequency spectrum, not just amateur radio users. The government's objective is to establish an efficient and equitable means of managing this vital national resource. It is a resource that all Australians ought to share in, through the licensing of the spectrum. The changes to apparatus licences are designed to reduce the number of categories of licences, and to provide for a more equitable distribution of the charges that are already made for the use of the spectrum.

The proposals put forward by the Spectrum Management Agency suggest fees based on a combination of the costs of administration and the value of the part of the spectrum being used. This method of charging is in line with the recommendations of the House of Representatives Standing Committee on Transport, Communications and Infrastructure, in which both the government and the opposition participated.

Up until now, as honourable members would know, fees and categories of licensed radio communication equipment have developed in an ad hoc fashion, over time, with little relationship between the fees charged for the spectrum used and the value of that spectrum. The cost to the Commonwealth of the administration and use of the public resource of the radio frequency spectrum should be reflected clearly in the pricing structure. That was one of the key findings of the public inquiry.

Using this method, fees for some categories may rise, while some fees will fall. However, it should be stressed that no overall variation in revenue is being proposed. Fee concessions will be available to non-profit voluntary apparatus licensees who are primarily providing safety or human life services, such as rural firefighting and sea rescue. In broad terms, local governments and state governments could expect to benefit from the restructuring of the fees. Small businesses, such as taxi services and paging services, are also likely to see fee reductions.

The government is fully aware of the concern--a concern, I might add, which has been preyed on by some opposition members, such as Senator Alston--that the proposed restructuring might result in higher fees being charged for amateur operators. They will be higher, but they will not be as high as was proposed, for the reasons that I outlined before.

It is unfortunate that some people have been misleading the public by comparing the suggested fees for amateurs with the fees for CB radio operators, who are now covered by a class licence. It is a very unfair proposition, which is being put forward by some people in the community, to say that CB operators will have a very low one-off fee but amateur radio operators will have a higher fee.

It should be made clear that CB and amateur operators are utilising quite different services,which both the government and international organisations provide. The CB users occupy very limited amounts of the spectrum, and they do not require any sort of frequency coordination.

They can cut across each other and no-one can complain. There is no responsibility carried by the Spectrum Management Agency for interference investigation within the two bands subject to CB licences. The Spectrum Management Agency's activities with regard to CB licences are confined to resolving interference by CB operators to other services, and investigating complaints of abusive or offensive language.

On the other hand, amateur licensees generally occupy a part of the radio frequency spectrum that is highly sought after by alternative users. In Australia, they have access to 44 blocks of spectrum in 23 different bands. That is well above that available in most other countries, and very dramatically different from the amount of spectrum available to CB operators.

Amateurs receive other services from the SMA, such as regular consultations with the Wireless Institute on variations and additions to spectrum availability. The SMA also represents amateurs' interests at international councils. If amateur operators were required to negotiate on their own behalf, they would have to bear a very heavy expense, and it would certainly cost a lot more than the extra $20 by which the licence fee has been increased.

Amateur operators should remember that the SMA recently negotiated international licensing requirements on behalf of Australian amateur operators at no additional direct cost to them, other than the increase in their licence fee. The SMA also arranges and accredits examinations conducted by the Wireless Institute and provides comprehensive interference investigation for operators. That is an entirely different level of service from that provided to the abble on the two CB bands.

As I said earlier, amateur licensees sometimes assist in emergencies and provide their service as a public benefit. The government has recognised that by reducing some of the costs to amateur operators. However, there are many other radiocommunications users who also provide these services in emergencies, while continuing to pay very significant fees.

However, the amendments today will facilitate a degree of flexibility in the radiocommunications licensing area that was not there before. That will be good for small business operators, it will be good for state and local authorities, and the reduction in fees will be good for amateur radio operators. I commend the bill to the House and, in doing so, commend the parliamentary secretary for his responsiveness to calls from members on this side of the House and others for a sympathetic response to the plight of amateur operators.

Many amateur operators are retired people. Others are disabled people who have taken this on as a way of communicating with the rest of the world, while housebound by their disability. Thus the government has helped business, local authorities and the amateur operators who put a lot of hard work in for the community.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 9 March 1995 (13:45) Page: 1997

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Mr PROSSER (Forrest) (1.48 p.m.)--As specified by the Parliamentary Secretary to the Treasurer (Mr Elliott) in his second reading speech, the main purpose of these amendments is to assist the implementation of a new apparatus licensing system, which has resulted from a public inquiry by the Spectrum Management Agency. It is important that, prior to making changes to the scheme that has governed radiocommunications in this country, we consider very carefully the

role played by amateur radio operators in the industry and, more importantly, in the wider community, and how this bill may impact on them.

Some 20,000 amateur radio operators in Australia provide a free community service,particularly in time of national disaster and emergency. After Cyclone Tracy, all communications with Darwin were provided by amateur radio networks. The Wireless Institute's Civil Emergency Network, which is provided by amateur operators, is used during bushfires, floods and other disasters in New South Wales.

The United States of America and many other countries recognise the value of amateur radio operators by issuing free licences, while Australian operators must pay one of the highest fees in the world. The Spectrum Management Agency planned to impose a tax on the radio spectrum used by amateurs by more than doubling the fee charged from $35 to $71. I am pleased to hear that the government has now backed away from that, and the fee is now to increase to $51.

The argument used by the SMA was that amateurs should be taxed according to the amount of spectrum they use. That argument does not hold water. The spectrum is fixed by international treaty, and the SMA has little say over the matter. It could not reallocate most of the amateur frequencies to commercial interests even if it wanted to.

My understanding, after taking the time to talk to amateur operators in my electorate, is that the world is divided basically into three broad divisions for the purpose of management of the amateur radio spectrum as agreed by international treaty. It is in the Oceania division that Australia sits for the purpose of management. And it is management that we are talking about here today. What has been introduced is a new scheme of management for the spectrum, a scheme of fees categorised by either a spectrum maintenance charge or a spectrum access tax.

The interesting point to note here is that the spectrum access tax is more of a spectrum denial fee. Primary spectrum users deny spectrum to other users and thus the charge of this fee or tax. This is okay if there is an alternative user for the spectrum, but in the spectrum allocated to amateur users the Spectrum Management Agency has no say on its use other than for amateur radio. The use of the spectrum for amateur radio is fixed by international treaty and thus is binding on Australia. I could, of course, go on to make comment on this government's almost blind adherence to every treaty that has ever come into existence, but I will refrain from that.

What I do find hard to swallow is the tale that the government should be trying to tax the use of amateur spectrum on the basis of exclusion when it has no mandate or authority in any manner to allow any use for that particular spectrum other than amateur use. As to these spectrums, many are fixed as exclusively amateur worldwide and

are of no commercial value to Canberra. Most of the others are already assigned to commercial or government primary users and to amateurs as secondary. Once again, the SMA cannot vary the amateur usage because that is covered by international treaty.

On another point, there are some 300,000 CB radio operators in Australia. They do not have to pass an examination, yet the amateur radio operators have to pass three exams at a 70 per cent pass level in order to gain a certificate. Some CB operators use their stations and repeaters for business, while amateur radio operators are forbidden to do so by law. The licence fee for CB operators has been abolished. The question has to be asked: why should amateur radio operators have to pay when CB users do not?

The distinct role and position of the amateur radio operator as a competent professional and a controlled operator is very clear. I recently visited amateur radio operators VK6 VX, VK6 VHI and VK6 XX in Albany in Western Australia and I was impressed with the use that is now being made of computers linked into amateur radio networks, in particular the ability of these amateurs to operate programs which not only show the track of satellites, including the one that I observed of a Russian space station passing over Albany at the time, but also are able to communicate with those stations. Both NASA and the Russian authorities have recognised the value of the amateur radio network by incorporating those links into the space station and shuttle programs.

On a more important note, I was able to see the message traffic that was generated out of the Kobe earthquake disaster, straight after that terrible earthquake struck that city. The residents of that city would no doubt have been thankful that the amateur radio network was in place to pass their cries for help worldwide.

We have a situation under this scheme where one of the ongoing effects will be to double the user fee for our amateur radio operators. Coming from an electorate of over 28,000 square kilometres, I recognise the true value of the amateur radiocommunication network. The government should reconsider its position on amateur radio operators and recognise the immense value of their work in the community and not impose this increase to this particular area. Indeed, as I mentioned, the government really should look at the huge value of the amateur radio operators to the community.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD Database
Date: 9 March 1995 (13:55) Page: 1998

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Mr FORREST (Mallee) (1.55 p.m.)--Here we have another example of this government's propensity to tax the community of Australia with absolutely no mandate whatsoever. We have these bills before us today, with titles which all include the word `taxes': the Radiocommunications Taxes Collection Amendment Bill, the Radiocommunications (Transmitter Licence Tax) Amendment Bill, and the Radiocommunications (Receiver Licence Tax) Amendment Bill.

It seems that this government has an unbelievable preoccupation with tax, trying to satisfy an insatiable thirst for revenue. There is a suggestion that everything that moves, and sometimes even everything that dies, should be taxed; and not only taxed here, but taxed at a whole variety of different points. I have spent 20 months in this parliament, Mr Deputy Speaker; and given what I remember of the March 1993 election, I would say that if this government has any mandate whatsoever it is not to increase taxes. But here we have an other example of its preoccupation. The government is so preoccupied with taxing that it wants to tax hobbies.

I have noted that the government has responded to what has been a fairly massive degree of representation, and I have noted that most members have received letters from persons within their own electorates who are amateur and ham radio operators. I do not think the government can take too much credit for reducing a proposed increase in its tax on amateur radio operators. All it has done is to reduce it by $20. It is still an increase in a tax on a hobby.

I can appreciate that there are other elements, and that the purpose of this legislation is to enable some flexibility in the payment of annual licence instalments. There may be some merit in that, and to that extent the coalition is not opposing these bills. However, my namesake, the honourable member for Forrest (Mr Prosser) has just appealed to the government to reconsider its intent to tax a group of Australians who make a contribution to our community. I would like to take the opportunity later to demonstrate that it is a valuable contribution. The government ought to consider what it might cost a government to provide the sorts of resources in terms of public safety and contribution to public events that are provided by ham and amateur radio operators.

Indeed, when it is considered that the annual revenue from licence renewals is something around $100 million per year, it is clear that it is already a significant source of revenue for the government, so I was particularly annoyed to see the Spectrum Management Agency proposing initially to double licence fees. I was at least somewhat relieved to hear the Parliamentary Secretary to the Treasurer (Mr

Elliott), when he introduced these bills, say that there has been some amendment to that.

The Spectrum Management Agency currently supervises about 250,000 radio licences. The fees for these have in the past varied from $18 a year for smaller marine licences and for CB and VHF operators to some huge amounts for multiple public mobile telecommunication services, fees for which often amount to several hundreds of dollars--even $700,000 per year on big installations.

I want to address the assistance that is provided by amateur radio operators, particularly in emergency situations. The support they provide to community organisations has been a consistent part of their ethos, and has been promoted by radio operators as part of that ethos for decades.

One of the other valuable contributions--I have a notable number of international radio operators in my own electorate--is the contribution they make to the worldwide promotion of goodwill because of their community and international communications. I have been informed by some of them that, when they have made comments about this increase to some of their international corresponders via the radio spectrum, other amateur operators in other countries are completely surprised to find that this country wants to introduce such a dramatic increase in fees. I think it ought to be labelled as a cynical revenue raising exercise.

I note that the previous speaker, the member for Watson (Mr Leo McLeay), called us cynical and mean spirited in the contributions that we have already made to this debate. The only mean spirited people that the community of Australia ought to be alerted to are those who occupy the government benches. It is unbelievably mean spirited of them to tax community and amateur operators out there who, as I have said, provide such a valuable contribution to this community.

The Radiocommunications Act 1992 made provision for people such as community amateur radio operators because it included `adequate provision for use by public or community services'. The act also requires `a responsive and flexible approach to meeting the needs of users'. The substantial increase in licence fees causes me great concern because of its inconsistency with existing provisions of the act.

From that I formed my own conclusion about what a cynical tax raising exercise this is turning out to be. None of my corresponders are encouraged by the government's recent announcements that the amount of the increase is to be reduced. They still maintain that, as amateur radio operators who provide a valuable communication facility to train personnel in what is an important area of communications, their role should be recognised.

As the member for Forrest said, I would urge this government to reconsider that particular part of the legislation because it is completely unfair. I see no justification whatsoever in taxing this particular narrow group of people who are confined by the fact that they are a captive audience because they have fixed locations which are easy to find and, therefore, easily sourced for taxation revenue increases.

Mr Peter Milne of Mildura, whose call sign is VK3PM, was one of my corresponders. I would like to quote parts of his letter to me in order to make his complaint part of the public record. He introduces his letter by referring to the proposed changes by the Spectrum Management Agency. He then says:

``Amateur radio is a recreational and educational "hobby" pursued by a wide range of people in our community. Amateur Radio is of immense benefit to the community.There are many instances where it has played a crucial and important part in providing emergency communications where civil and military systems have been unable to perform.''

He then provides examples of communications with respect to Cyclone Tracy in Darwin, recent bushfires in many of our states and past earthquakes in New South Wales. He goes on:

``It is a hobby that produces effective self training in technology. Many young people graduate to a career in electronics having had their ambitions developed through such an interest. The Scouts and Guides movements of Australia have many stations used in training of their youth. There is immense social value in a recreational hobby particularly suited to handicapped persons and also senior citizens.''

I continue to quote from Mr Milne's letter. He states:

``The Amateur Radio Service provides a ready pool of trained personnel available for service to the country . . .''

I would emphasise just how important the contribution of amateur radio operators is in rural areas, especially in an area like mine which is 70,000 square kilometres, one-quarter of the north-west of Victoria. The letter continues:

``Australian Amateur radio operators are among the world leaders in development of new technology and have recently made significant contributions to research in areas such as satellite technology and radio propagation studies. The hobby provides a valuable service in development of international relations. There are many more positive aspects that could be mentioned.''

He sought my support to have the proposed fee increases rescinded. He has that support, and he has the support of all of us on this side of the House. It is quite clear that in terms of amateur radio the government ought to have made more appropriate allowances.

Mr Milne's letter refers to some of the community benefits of amateur radio, but there are many others which are impossible to measure in dollar terms. You could not measure in dollar terms the benefit of amateur community radio. Therefore, I find it unbelievable that the government would let its insatiable thirst for revenue override such benefits and that it would propose a cost to services when it has not even considered what it would cost the government to provide such services.

I would like to draw attention to a particular, huge community event that occurs in my electorate. It is the Murray River marathon. The marathon starts as far upstream the Murray River as Albury and ends in Swan Hill, which is the city in which I reside. The role that amateur radio and the communication networks play that ensures the community and public safety of that event is just one example of which I am already aware of the benefit of amateur radio operators.

If we get back to the more particular focus of this legislation, like many other pieces of legislation brought to this House, it is all about tax--for goodness sake, tax it; tax it if it moves!

Fuel tax is an unbelievable impost that affects everything we do, particularly those in rural Australia. I am reminded of the government's obfuscation during its last election campaign when it had those TV advertisements with cash registers popping up at the sight of a tube of toothpaste showing an extra 15 per cent tax. That was a complete obfuscation of the truth, and it completely overlooked the fact that the government's last policy was to remove seven taxes and have only one fair and balanced tax. So, if this government has any mandate, it is not to increase taxes.

Tax it if it dies! Every year in pre-budget deliberations, we hear about death duties and inheritance tax. Tax it if it burns! We recently heard intonations from the government that it wanted to introduce a carbon tax. Thankfully that was knocked on the head. It would have imposed more on-costs to business in this country. Tax it if you sell it--wholesale sales tax! Tax it again if you buy it! The dramatic increases we have seen in the last 20-odd months in wholesale sales tax completely surpass anything we had originally proposed or intended with the goods and services tax. Tax it if it gains value--a capital gains tax! Now we hear suggestions that if it sleeps it will be taxed--a bed tax. What an imposition that is going to be on the valuable tourist industry of this nation.

When it comes to amateur radio, I think it is outrageous and completely unfair. The government ought to reconsider. It has given some reconsideration, but I think it ought not increase at all this particular component of amateur radio.

My understanding of taxation is that tax ought to be levied on a profit or a likely profit. I remind the government that licence by regulation would prohibit amateur radio operators having a profit. So how could taxing it be right? Tax on the use of radio spectrum, which

is already set aside by international convention for amateur radio, does not occur in any other country. So it is completely unfair, unjust and flies in the face of practice in other countries. From what I hear, we are already something of a laughing stock in the international communities in which amateur radio communicates. No other country in the world levies such a tax on their amateur radio operators.

Is the government really aware of the size of the group it wants to antagonise by the introduction of this tax and the powerful communication facility they have available to communicate a message about the lack of mandate this government has to tax them? Currently, there are about 18,000 amateur radio operators and, internationally, their numbers are measured in millions--a huge communication network. They have powerful radiocommunications at their disposal--they talk a lot. As I said, already international reaction is not favourable on this government's intent to tax them. This particular aspect of this legislation has been grossly ill-considered.

Again, because amateur radio operators are a registered minority, they are an easy target. I refer again to Mr Milne's letter where he asks for my support to see what I can do about ensuring that these increases are not imposed. In his letter he says:

``I require your support towards action to have the proposed fees rescinded and another more suitable approach taken. We would consider it an excellent result if we were granted licences free of charges as is the case in the United States where the community, education and recreational value of Amateur Radio is highly valued.''

I assure Mr Milne that I do oppose this unjust form of tax. The government ought not hide behind its statement that this legislation is all about a positive gesture of allowing greater flexibility in the payment of radio licence charges. I recognise and support professional and large radio licence operators having their fees reduced by taking up payment options. My particular objection is that I consider amateur radio operators an important group of Australians who have a function to fulfil.

The package was developed as a result of public inquiry which was initiated as far back as December 1993 at the direction of the government. This package aims to respond to industry requirements resulting from that inquiry into that more flexible arrangement, so I support that aspect. The new payment options introduced by the package coincide with a whole new licensing computing system and will therefore provide a much clearer and easier administration. At least that part seems to meet some of the aspirations of the industry. But nowhere in the legislation or in reading the background information do I find any justification for the `punitive' attitudes towards amateur radio operators. I do not think they ought be used to subsidise some of the gains that might be achieved for other licensed operators.

I remind the government that we will take every opportunity to remind them that it has no mandate to increase taxes on Australians. We bitterly oppose these arrangements and certainly take offence at a bill like this which seeks to call increases in tax revenue through licence fees `revenue gaining exercises'. They are simply taxes and they cost Australians, and we are opposed to that.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD
Database
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RADIOCOMMUNICATIONS (TRANSMITTER LICENCE
TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Ms HENZELL (Capricornia) (2.14 p.m.)--Mr Deputy Speaker, I am pleased to contribute to this debate on the Radiocommunications (Transmitter Licence Tax) Amendment Bill 1994 and cognate bills. I was very disappointed to hear the comments of the member for Mallee (Mr Forrest) who, I know, is concerned about all issues that may impact on his constituents.

I believe he is not presenting the full facts. I dare say that the criticism in relation to this bill goes back to 18 January when the shadow minister for communications and the arts, Senator Alston, took up this issue in a press release. He said:

``It is difficult to avoid the conclusion that amateur operators have the misfortune to be a disciplined, individually licensed service and, therefore, an easy target for revenue raising . . .''

And it goes on and on. While we all recognise the contribution made to the community by amateur radio hams, the opposition spokesperson failed to indicate that he had any idea of what was in the report of the Spectrum Management Agency. He said that it indicated that there had been no consultation. The facts are at variance with that statement. Indeed, if the member for Mallee had cared to look at the information, he would have been able to clarify the situation.

On 8 December 1993 the then communications minister, the present Minister for Resources (Mr Beddall), instituted the inquiry. Throughout January and February 1994, the SMA distributed over 4,000 copies of the discussion paper to interested parties, advertised widely and then proceeded to conduct 14 public seminars attended by over 900 people. It

received 422 submissions and reported its findings to the then Minister for Communications and the Arts, the present Minister for Primary Industries and Energy (Senator Collins), at the end of May 1994.

At every stage of the proceedings there was close consultation with the Institute of Wireless Operators. Indeed, it was very involved when this issue was being looked at. There is hardly a case for saying that there has been no consultation. There has actually been widespread consultation.

The general line being presented is that the whole basis of the legislation we are now debating--the report of the Spectrum Management Agency, titled Inquiry into the apparatus licence system: a new outlook--came about because we have a down on amateur radio operators in this country. In fact, as is quite clear from the report, the reforms go to the whole management of radio communications.

Yesterday, when the Parliamentary Secretary to the Minister for Communications and the Arts (Mr Elliott) introduced these bills, he made it clear that the licence for amateurs would be a flat rate of $51; the original proposal for $71 had been just that, only a proposal. The reforms are widespread and very pertinent to the handling of this area of operation.

The report includes a number of recommendations. In relation to citizens band licences, there was a recommendation, adopted in October 1994, for class licences. Other recommendations include: the simplification of apparatus licence categories; arrangement for licence terms up to five years with very flexible payment arrangements--one of the key factors in the bills we are debating; the possibility of transferring apparatus licences between parties; and, very importantly, licence fee concessions for volunteer non- profit emergency organisations, such as rural firefighters, search and rescue organisations, coastguards, surf lifesavers and ambulance services in remote areas. Then there was a definite decision to charge for a range of services provided by the Spectrum Management Agency. Those charges are to be introduced on an equitable and transparent basis so that people can understand what the charges are for and why they are paying them.

What irks me is that the opposition parties continually bleat about government charges and cutting government expenditure. But the minute there is a specific option for user pays principles, for making sure that services are provided and that the government is accountable, they are bleating about how shocking it is that we are raising another tax.

I believe this is very unfair. I am sure all other honourable members have made representations on behalf of amateur radio operators. I take the time and trouble to find out the facts. Unfortunately, it seems that some of my colleagues in the opposition--and particularly the shadow minister--have decided that it is easier to score a cheap political point than to go and make a proper investigation. The shadow

minister is the person who would like to be running this area of the government. This is a wide ranging report which has a number of very positive reforms for the use of the spectrum. All the shadow minister can talk about is this one small point.

No-one in this country wants to pay taxes but everybody wants services. Local amateur radio operators in my area felt this was an impost. I am sure they will be delighted with the very sensible decision made by the government. It is not about not charging them. Our amateur radio operators have done all the good things that my colleague the honourable member for Mallee suggested. I have no argument with all those good things.

While the amateurs were paying limited fees for the services they received, other essential services were paying much greater charges. One of the key benefits in these reforms is that a lot of these essential services will have a decrease in charges. That is a very sensible rationalisation. I refer to the editorial by Jim Rowe in the March 1995 edition of Electronics Australia. Mr Rowe indicated that he had lots of representations from amateur radio operators. He has taken a very responsible position. He says:

``Amateur licence fees haven't risen for about 10 years, even though the cost of most other goods and services have risen quite significantly in that time. Some sort of rise was probably inevitable.''

He goes on to say that there will be increasingly fierce competition for space in the electromagnetic spectrum. He says:

``In many ways this is a finite resource, and historically amateurs have accumulated quite a lot of spectrum `real estate'. In fact I understand that in Australia, amateurs are second only to the Department of Defence in terms of their total allocation of spectrum space.''

He goes on further:

``The SMA has sought to base them clearly on the real costs of issuing and renewing licences, and also on managing each licensee's activities--together with a `spectrum access cost' or tax, based on the perceived value of the spectrum segment(s) being used on an exclusive basis. On the whole this seems reasonable, and is in fact the kind of changes taking place in many other countries as well.''

This is rather interesting:

The problem for amateurs is that because quite a lot of spectrum is allocated to them, applying this rationale strictly `across the board' would result in amateur licence fees rising to well over $500 per year.

If we really wanted to put in place a user pays principle, that is the sort of charge that would be allocated because, as Jim Rowe says, a significant amount of spectrum is allocated to amateur operators.

The other issue that has to be taken into consideration is that, if you are going to get into this hobby, which has lots of positive spin-offs, including emergency availability when there is an accident or a major disaster--and I commend the comments of my colleague the member for Mallee in this matter--the equipment will cost you at least $2,000. It is a considerable investment for people who choose to become involved or interested in this area or hobby. Therefore, a charge of $51, or even $70, would not seem to me to be a major impost.

One of the concerns brought to me that I responded to was about what appeared to be a sudden jump. Jim Rowe--and I assume he knows a great deal more about this area than I do--finishes his article by saying:

It might well be prudent for amateurs to swallow hard and accept this fee rise, without much fuss. Attracting a lot of interest might cause renewed demands for some of that precious spectrum space, by potential users willing to pay a lot more for the privilege.

That has not really been taken into consideration by some of our operators, for very well-intentioned reasons, but it has also not been taken into consideration for what I would consider fairly cheap political reasons by some members of the opposition, particularly by the person who would like to be making the decisions in this area--Senator Alston.

If we look at the suggested reforms to licensing types, we see very clearly that this report has done a very good job. It has done a very good job because there has been, as I said before, this wide ranging consultation. There was a commitment that this consultation would continue in relation to a range of issues, including the cost to amateurs. Page 5 of the SMA discussion paper suggested that the licence types should be:

. workable in number;

. clear, simple and mutually exclusive;

. able to accommodate new developments in technology and service delivery;

. be consistent with SMA management functions, such as planning, applying licence conditions and setting fees; and

. be administered efficiently (for example, by automation).

Thus, as a general principle, there should be a minimal number of `broad purpose' licence types. This approach is consistent with the majority of submissions to the inquiry.

In fact, it came up with a grouping of 16 new transmitter licence types with three new receiver licence types which would be based on

definitions in the Australian spectrum plan. I just want to go through those briefly to indicate the breadth of areas we are talking about. The first area is aeronautical. The second area is aircraft. The third area is amateur, and within amateur are several subgroupings: unrestricted, limited, novice, intermediate, novice limited, amateur beacon and amateur repeater. They are allocated a proposed differing amount. The fourth area is broadcasting, which includes broadcast service and narrowband area service. The other areas are defence; earth; fixed; land mobile; maritime coast; maritime ship; multipoint distribution station, MDS; outpost; public telecommunications service; radiodetermination; scientific; and space.

We are talking here about a very important area, particularly with the increase in high tech and communications looking for areas of the frequency. I believe the amateurs continue to have a very fair operation. The sorts of licences we are intending to provide under this bill indicate that we are prepared to be very flexible about the way those payments are made--to make it much easier, for instance, for retired hams to be able to make those payments. I believe we have done a very good job here.

I want to further comment on the public or community service providers. One of the recommendations in the report on page 11 states:

The SMA considers that concessions should apply to volunteer, non profit, emergency organisations involved in rural fire fighting, search and rescue, coast guard and surf life saving activities (principally providing safety of human life services) and to individuals who support such organisations. Organisations involved in ambulance services in remote areas will also qualify for concessions.

The sorts of concerns that have been raised by a number of people, including the amateurs, have certainly been considered in this report. The government and the agency have responded to a range of calls from the community about the method of charging, which has been suggested is in line with recommendations of the House of Representatives Standing Committee on Transport, Communications and Infrastructure and the public inquiry process.

Some concerns were put to me about the fact that citizens band radio holders had been provided with a class licence. But, from information given to me, it is clear that the CB bands - although they appear to very numerous--occupy a relatively small part of the spectrum and do not require the sort of regulation or representation the SMA has made on behalf of the Wireless Institute of Australia in terms of the accreditation of their examinations and international representations.

Although it would appear to individual amateur radio operators on the ground that the Spectrum Management Agency does little for them, a great deal is done on behalf of this group of people--which is about 20,000 across the country. However, this means that about 30 per cent of licensees would experience fee increases--this is where the amateur

licence holders are found. Local government authorities, state governments and the emergency service organisations will benefit considerably, as will organisations such as taxi operators and paging services--those small businesses about which the opposition claims to be very concerned. Although I can understand the concerns of amateurs in terms of the CB network, the facts really speak for themselves.

I return now to the amount of spectrum that is available. Amateurs occupy a great deal of the spectrum--44 blocks in 23 different bands, which is well above what is generally available in other countries. So there are 20,000 amateurs with 179 times more spectrum than the estimated 800,000 CB operators. Each amateur uses significantly more power than CB users. As I said before, amateurs occupy more spectrum than most others, except the Department of Defence, which I think we would all agree would require a fair degree of spectrum.

The government, through its consultations, has certainly listened to the voice of a relatively small group, and that is the art of politics. The amateurs have lobbied their members, we have made representations and the government has decided to respond by making it a flat rate, which I believe is realistic and reasonable. I hope that all the amateurs will be very happy with that resolution.

We have not backed down or buckled under pressure, and we hear this nonsense ad infinitum and ad nauseam from the opposition. This has been a process of consultation for more than 12 months, and there have been further consultations. In my view, it is a good decision and I hope we will hear less from the opposition of this nonsense about another tax.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD
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RADIOCOMMUNICATIONS (TRANSMITTER LICENCE
TAX)
AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Mrs MOYLAN (Pearce) (2.34 p.m.)--I am sure the coalition responds favourably to the member for Capricornia (Ms Henzell) saying that we are about fiscal responsibility in managing the financial affairs of the government. There is no question about that, but sometimes it gets back to a matter of priority. One of my early tasks as a member was to sit on the Public Accounts Committee. It was there that I began to see

some of the horrifying mism anagement that was occurring. I am sure that if the member for Capricornia discussed this matter with some of her colleagues they would find some very large savings in very many areas so they do not have to be mean spirited with a group of amateur people.

During 1994 a review of radiocommunications apparatus licensing was conducted by Spectrum Management Agency. One of the recommendations arising from that review was that a wider variety of payment options be made available, particularly to avoid the necessity for regular annual licence tax payments when the term of the licence exceeds one year. On the surface, it is a very commendable market driven recommendation. However, I wonder how many members of this House are aware of other activities of the Spectrum Management Agency that make the implication of a wider variety of tax payment options almost a necessity for many of Australia's 18,115 amateur radio licence holders. For these clients of the Spectrum Management Agency, the amendments contained in the radiocommunications bills are, unfortunately, timely. These individuals are faced with the spectre of a new tax on their access to the radio frequency spectrum.

Until yesterday, amateur radio licence holders were faced with a new tax of $30 per year - equal to 273 per cent of the annual reissue costs of $11 per year, or 94 per cent of the total administration charge of $32 per year, or 73 per cent of the total annual amateur licence fee of $41 per year. Yesterday the Parliamentary Secretary to the Treasurer, the honourable member for Parramatta (Mr Elliott), came into this House and subsequently, in yet another about-face by the government, announced more policy on the run. Amateur radio operators are now faced with a total annual fee of $51, a 38 per cent or $14 increase on the current $37 fee. This will be a 400 per cent increase on the 1980 fee, when amateur radio licence fees were $10 per annum.

Let us not be deceived by this cynical about-face by the government. Firstly, as I will outline later, this amazing $20 reduction merely removes a blatant act of discrimination against amateur radio operators. On behalf of my constituents, I am very pleased that the government has bowed to the pressure. I have had very many representations from my electorate on this issue. It is good to see the public getting involved and applying pressure to make appropriate changes. Most importantly, the government's real agenda in this case has been exposed: that is, to tax the amateur radio industry out of existence. This industry will now be left to wonder when the next act of government taxing will focus on its members.

It is little wonder that the SMA has implemented some innovative payment schedules to accommodate the payment of the tax on the issue of a receiver licence. Item 2 of the schedule of the Radiocommunications (Receiver Licence Tax) Amendment Bill 1994 inserts proposed new section 6, which gives applicants for receiver licences issued for periods of more than 12 months different options in relation to the payment of the

tax. This is all well and good, but it does not address the concerns of those individuals who hold amateur radio licences. They are in many instances young or elderly members of the community. They may be retired war veterans or simply individuals participating in a very worthwhile hobby. Perhaps they belong to the many hundreds of scout and guide groups around Australia. I know of at least 85 scout and guide groups that are registered amateur radio operators.

Perhaps members opposite would like to hear of the concerns of the Girl Guides Association in Western Australia, which wrote to me on 27 February:

Dear Judi,

The Girl Guides Association in Western Australia was most perturbed to hear of the forthcoming increases in fees for amateur radio station licences.

The guides and scout associations both have stations which are used for the training of younger members. Jamboree of the Air could not function without the assistance of a large pool of amateur radio operators.

A peculiar thing about this whole increase is that over Australia the increase in revenue to the Spectrum Management Agency would only amount to $495,000 per annum.

The Spectrum Management Agency have announced that CB operators would have their licence fees completely waived. This means that Spectrum Management Agency has given up a revenue of around $3.6 million per annum.

As CB operators can use their radio equipment for financial gain as against the amateur's purpose of training and personal intercommunications and, in the case of the guides and scouts, increasing friendship between them and member in other states and countries, it is odd to say the least at the reasoning behind these two decisions.

We request your support towards action to have the proposed fees rescinded.

That group has my support on that, despite the fact that I am concerned about decreasing benefits for the small business community. I do not think the way to do it is to penalise those in our community who not only operate radios as a hobby but also give back a tremendous community service.

On the government's way to the new tax market, a funny thing has happened. The government has decided that the commercial interests associated with CB operators, and the millions of dollars forgone in licence revenue from that market, are somehow made up for by the easy pickings of the amateur radio sector. This is the sort of inequity the community has come to expect from this government. For

amateur radio operators, the SMA's new tax payment options contained in the bill are not the only issues foremost in their mind. They are really concerned about whether or not they will be able to continue to afford to hold amateur radio licences at all.

In its publication entitled Inquiry into the Apparatus Licence System--A New Outlook, the Spectrum Management Agency lists its annual apparatus licence fees. Of the 15 categories listed, the SMA states:

The minimum spectrum access tax is proposed to be $10. All except three of the non assigned licence sub types will attract the minimum tax.

It should come as no surprise to honourable members that the three licences that were to attract a higher fee were all amateur radio licences. The fees for amateur radio licences were to be 200 per cent higher--$30. What possible justification was given? None. Of all the categories listed only one has a higher total fee than amateur radio. The remainder are at least 37 per cent lower, and some of them are as much as 66 per cent lower. What responsible authority would I mpose such an inequity on a community good? Better still, what sort of government would allow this to be imposed on such a valuable community resource?

As indicated yesterday, the government has been caught out. It has been exposed. The SMA's lame duck excuse that this last minute about-face is the result of further consultation and consideration is simply perpetuating the myth that the SMA is concerned about amateur radio. Its actions clearly reveal otherwise. This is the action of a mean- spirited government that is surreptitiously eroding the quality of life for many Australians. In fact, I think it is called robbing Peter, who is the community, to pay for the excesses of Paul, who is the part-time Prime Minister.

The SMA's 273 per cent tax would have raised approximately $550,000 from a community sector that contributes hundreds of hours every year--worth hundreds of thousands of dollars--to a voluntary and free community service. The great bulk of this service just happens to be provided during times of crisis in the community and at a time when other traditional and commercial lines of communication are often not functioning. In many other countries this service is not taxed at all. In the United States, Congress has recognised the importance of amateur radio and, consequently, no licences and no taxes are paid by amateur radio operators. But this is not so in Australia. This government's concept of the clever country is to impose a 273 per cent tax on the activities of our scouts, our guides and committed radio enthusiasts, who have repeatedly demonstrated excellence and commitment to the use and development of amateur radio in Australia and overseas.

It must also be emphasised that the amateur radio community operates in true amateur spirit. Unlike other users of the radio frequency spectrum, amateur radio licensees are prohibited from gaining any pecuniary interest from their activities. This government is using

amateur radio. Perhaps it could be suggested that the government is blatantly exploiting the goodwill and the commitment of this sector of the community and, in the process, is determined to squeeze every bit of financial gain possible from it.

A very clear comparison of the government's commitment to the community is evident when one looks at the discriminatory way amateur radio users are treated as compared with the way users of citizens band frequencies are treated. CB users have had their licence requirements abolished. That is a windfall of approximately $6.5 million to users of the radio frequency spectrum. It must be noted that the CB users are often commercial operators who do gain financially from their investments. As I said before, as the shadow minister for small business, I am the last one who wants to see any additional costs imposed, but I believe this particular measure is inequitable.

The bills being debated today provide the SMA with the power to determine the amount of tax in respect of the issue of receiver and transmitter licences. I believe it would be automatically assumed that with this power would come responsibility. From the activities of the SMA it not only appears that it does have difficulty in developing equitable taxing and licensing regimes but it also appears, from the information provided by industry participants, that certain senior SMA staff have a great deal of difficulty clearly articulating the SMA's actions, intentions and services to a very well-informed community sector.

Concern has been expressed that a misinformation campaign has been embarked upon to cloud the waters of change. This is evident in a transcript from an interview with a senior executive of SMA, who it is alleged provided the following commentary on radio station 5CK at Port Pirie in South Australia on 21 February 1995:

What we do is to maintain the same level of revenue and to redistribute that revenue based on a fair and equitable basis. It is true that much of the amateur spectrum is decided by International Treaty, but that's not to say that Governments can't and in fact shouldn't charge. Most governments around the world do, although there are some that don't.

The Wireless Institute of Australia responded to that statement as follows:

``We know of no other government that makes a charge to amateur radio operators for access to the spectrum. Some do charge a fee for a station licence whilst in some countries no charge is made at all. Australia would be creating a world precedent by applying a Spectrum Access Tax. I believe that (Mr Grant) the SMA executive is being at the least, deliberately misleading here and could possibly be accused of telling a complete lie.''

Unfortunately, that was not the only extract from that interview that drew outrage from the amateur radio community. I refer to the fact that

these bills provide the SMA with the power to determine the amount of tax in respect of the issue of a receiver licence. The SMA has certainly learnt very quickly how to apply that power.

At a recent presentation the SMA identified its revenue estimates for 1995-96. Depending on your point of view it is either interesting or disturbing information. From the point of view of amateur radio operators it is a disgusting example of blatant tax grab. Based on the following figures, I would have to agree. The SMA's revenue forecasts are: 17 per cent from spectrum maintenance charge; three per cent from licence renewal charges; 14 per cent from licence issue charges; two per cent from consultancies; and-- wait for it--64 per cent or $60.6 million from spectrum access tax.

The figures indicate beyond any doubt that the primary activity of the SMA is as a tax gathering front for the government. Unfortunately the amateur radio community is deemed to be a soft touch. The SMA, in its publication titled Inquiry into the apparatus licence system--a new outlook, states:

``As noted earlier, all fees are in fact taxes levied under the Tax Acts. The basis for imposing a spectrum access tax on users, above the costs of spectrum management is that the spectrum is a valuable resource and the community is entitled to a monetary return--or a rent--for its private use. A direct monetary return, via government, is intended to compensate the community for the user benefiting from access to spectrum. It is also a rationing device.''

In respect of amateur radio, the SMA should practice what it preaches when it refers to valuable resource. In February 1995, the SMA stated:

``The SMA appreciates the good work done by the amateur radio enthusiasts in providing services at various times to assist the community. It is also aware of the benefits in encouraging young people to learn about radio.''

The SMA should remember those sentiments and then reconsider its bizarre treatment of this very valuable community resource. The SMA should also listen to others in the community who have commented on the value of the amateur radio network. I would recommend that those on the other side of the House also take note--wherever they are today. In October 1992, the honourable member for the Northern Territory (Mr Snowdon), addressed the SEANET convention in Darwin. He said:

``The work carried out by amateurs when Darwin was ravaged by a cyclone on Christmas Day in 1974 was outstanding.

``There was virtually a total loss of communications with the outside world.

``When telecommunication links were cut, nothing was heard from Darwin for a number of hours until the lone voice of a Darwin amateur made contact with other amateur operators.''

Amateur radio operators must surely feel that they are now a lone voice in the ears of this government and its cohort in this tax exercise, the SMA.

I ask the member for the Northern Territory, now that the chips are down for amateur radio people, where does his support lie? He should have a caucus with his colleagues, the member for Jagajaga (Mr Staples), the member for Bonython (Mr Martyn Evans), the member for Makin (Mr Duncan) and the member for Dickson (Mr Lavarch). I am told they have all offered support to the amateur radio industry. It would appear to be very hollow and ineffectual support if they are not prepared to stand up and publicly be counted on this issue.

One final commendation that sums up the contribution and community value of the amateur radio community is provided by the Acting Chief Commissioner Robert Falconer of the Victoria Police. With respect to the 1993 Victorian floods he said:

``The effort by the Wireless Institute Civil Emergency Network volunteers and the fact that they are volunteers who provide their own time and resources is to be highly commended as in such circumstances it would have been extremely difficult to complete the registration of evacuees by any other method.''

These accolades are given to a valuable community resource. That this government and the SMA seek to tax it out of existence is nothing short of a national disgrace. Like my colleagues, I have had numerous constituents express their anger and concern at the outrageous tax imposts being thrust on amateur radio communities. The views and spirit of the amateur radio community are best summed up by one of my constituents who said:

``We are proud of our history and our achievement but realise that keeping ourselves very much to ourselves for so long we're in danger of becoming just another endangered species!''

That communication was received from Mr Harry Atkinson who, in his own words, is blind, aged 81 years, and still kicking--a great Australian. The coalition supports these amendments. I endorse the comments made by my colleague. I am pleased to see that the government has had a change of heart on this matter in the last few days. No doubt that has been brought about by enormous public pressure and pressure by many of my colleagues in relation to this matter. I do condemn the actions and attitudes of this government and the SMA for their joint attack on the Australian amateur radio community.

[P R O O F]

Extract from the CURRENT HOUSE HANSARD
Database
Date: 9 March 1995 (14:50) Page: 2009

RADIOCOMMUNICATIONS (TRANSMITTER LICENCE
TAX)

AMENDMENT BILL 1994
Cognate bills:

RADIOCOMMUNICATIONS (RECEIVER LICENCE TAX)
AMENDMENT BILL 1994

RADIOCOMMUNICATIONS TAXES COLLECTION
AMENDMENT BILL 1994
Second Reading

Mr ADAMS (Lyons) (2.52 p.m.)--One would think that amateur radio was being taken out of existence when one listens to the opposition in this debate on the radiocommunications bills. It is not. In these days of instant communications, there are a growing number of uses of the radio frequency spectrum and a large number of users. It has been of interest to me to see how quickly mobile phones have been adopted as the norm in telephone communications. I see kids on roller blades chatting away on mobiles, pretend or otherwise. Suddenly, these things are all part of our life.

We Australians seem to love technology and we take up the use of it faster than just about any other nation. How we managed without the facsimile machine is anybody's guess. I cannot imagine life now without a computer. Television was introduced in my lifetime. I remember the old Astor set being carried into my house.

Radio communications is more than an industry in its own right; it forms part of another complex communications system and provides an essential transmission medium for telecommunications carriers and broadcasters. Radio communications systems also provide the invisible sinews for other industrial sectors including transport, defence, emergency services, mining, agricultural, commerce, manufacturing and maintenance. That does not mention the domestic or hobby users who also make such varied use of radio airways.

Then there are radio navigation and radio location uses for the guidance of ships and aircraft on radio beams and radar and broadcasting uses such as television and sound radio. These are now using satellite as well as earthbound methods. There are transmitters and translators relaying signals across the country into remote areas. We know all about this in Tasmania, especially with the introduction of aggregation.

We have learned that waves travel in straight lines in empty space, but things like the earth's surface and atmosphere, along with humidity, rainfall and solar activity, can do amazing things to change these signals. Our mountains in Tasmania seem to play great havoc with the new UHF signals. There are all these spaces to be used within the spectrum. And then there are our amateur users, those enthusiasts who have made a hobby out of communication and research around the world, who were the pioneers--going from the crystal sets and the morse code to the more sophisticated equipment that we install today. There are

all those other uses, including radioastronomy; standard time and frequency signals; industrial, scientific and medical, and military and domestic uses. The latter area includes such things as microwave ovens and garage door openers.

The purpose of these bills, therefore, is to assist the implementation of a new apparatus licensing regime which resulted from a public inquiry by the Spectrum Management Agency some time ago. It is a chance for apparatus licensees to choose whether they pay their licence fees up-front or by annual instalment. The amendments are not related to the proposed increases to apparatus licence fees, including those for amateur radios.

With all these things in modern day life, to make things work better requires some sort of charging. The amateur radio users are one such group in that field. I have had a number of people write to me about the suggested amateur radio licence fee increase to $71. Their suggestion is that it is too much for an amateur group. I feel that there is a lot of merit in their argument. I have discussed this with members on my side of the House and I have put my concerns, as others have done, to the minister. These people do not operate for profit, and they play an important role in research, in emergency communication at times, and just as a communication tool between people who find it very difficult to enjoy physically travelling from place to place. This way they can travel on the radio airwaves.

The government has responded to my representations and those of other members of the House on this matter. The SMA has decided to reduce the proposed fee, leading to a flat charge of $51 per annum for all amateurs. It was after consultation and in recognition of the valuable service provided by amateurs to the community in maintaining communication links and in training young people to be proficient in communications technology that the government took this decision, and I believe it was a good decision. I am told this will not be offset by any increase in fees paid by other radio communication licensees, so I am really happy that there has been a reasonable outcome to my representations.

In general, these bills are essential to start coping with the mass use of the radio spectrum. I am sure that there will be a whole host of other uses as the years go by with the technological change we are facing. This will require careful management and, if we are to make use of all our electronic equipment, we will need this sort of management. This is a way of keeping the costs of everything running smoothly and of ensuring it is shared among the users. I commend the bills to the House.

Mr SPEAKER--Order! It being almost 3.00 p.m., the debate is interrupted in accordance with standing order 101A. The debate may be resumed at a later hour. If the honourable member for Lyons thinks of anything further he would like to say, he will be given leave to continue speaking when the debate is resumed.

[DH - there was supposed to be a part 10 of 10 - I never saw it]

VK2 Divisional news

WIA examinations

The next examinations conducted by NSW Division of the WIA will be held at Amateur Radio House Parramatta, 109 Wigram St., on Sunday 2nd April 1995 at 1.00 p.m.

Applications close : Thursday 23rd March

Trash and Treasure Sale

The next Trash and Treasure Sale is on next Sunday 26th March at Amateur Radio House Wigram Street Parramatta. Entry is free to everyone.

Sellers are allowed in at midday, buyers can come in at 1 pm.

What to bring with you ? -- money, and lots of it, and a large truck for some of your purchases. And, don't forget ... hot dogs and cool drinks will be on sale. So if you want to reserve a spot, give a call to the Divisional office.

Bargains galore -- we need the space!

WICEN news

WICEN News

Hunter WICEN have a meeting tomorrow, at the Emergency Operations Centre, on the corner of Elizabeth and Hannell streets, Carrington, starting at 1900: please contact Pauline VK2GTB for further details. The closing date for the next Newsletter has been moved to next Thursday, 23rd March; articles must be in the hands of John VK2AMH (the State Co-ordinator) by then, and he has undertaken to assemble the various diverse formats and send them down to the Newsletter editor. Don't forget to vote at the State Election next Saturday; and WICEN's end of financial year is 31st March, at which renewals are due.

Events in April include the VRA Mid-Year Conference at Wooli (between Coffs Harbour and Grafton) on the weekend of 1st-2nd April; the Forster Triathlon on 9th April, and is commanded by Michael VK2CMW and Darryl VK2DAZ; the Hunter Anzac March, commanded by John VK2JRC is on 23rd April; and the Oberon Car Rally is on 29th April, with about 20 people required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388. Finally, don't forget that the increased Amateur fees are expected to come into force in April, so keep writing!

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123,

St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Dural report

Dural News

Last week saw another working bee here at Dural, and the 6m repeater transmitter antenna was installed atop the tower, and other antennae straightened; thanks go to Peter VK2XZP for doing the monkey-work. Those listening to us on 6m FM, on 52.525, may be interested to know that this service was transferred to that antenna just before last Sunday evening's broadcast, and reception reports are welcomed.

Also last Sunday morning was a test transmission on our new 10m FM service on 29.120 MHz (vertically polarised); this test was successful, and assuming the Dural Engineer can get his act together this will be a permanent fixture from next Sunday. The 10m FM band is expected to be granted to Limited calls soon, and the NSW Division is pleased to be able to offer this service, the only one in the country. Also, don't forget that a 10m repeater is in the works; the VK2 Division is committed to utilising as many bands and modes as possible.

By the way, should anyone have a spare vertical antenna suitable for use on 10m then please let us know; and if listeners want the 6m SSB service to return then a transceiver, crystal-locked with at least 10 watts output, will be required.

48th Urunga convention

Urunga Radio Convention

The 48th Annual Urunga Radio Convention will be held this Easter Saturday and Sunday, 15th and 16th April.

The convention will take place in the same hall as the first convention in 1949, which is now the Senior Citizens Hall in Bonville Street with access to the parking lot via Bowra Street. There is full disability access.

The tradition of fox hunting continues, with ever more interesting places to find a fox. This convention leads the way in fox hunting and a challenge is out for other foxes to come to Urunga and hide. Please contact one of the convenors on the day, you'll be most welcome.

Other features include the Urunga Scrambles, trading tables, displays and competitions for all visitors and family. Awards are presented on Sunday afternoon.

Creature comforts are high on the list of necessities. The convention site has a very comfortable and quiet loungeroom and conveniences beside the hall. Tea and coffee are always available free. Your friends and family will feel very much at home. The village of Urunga is a top holiday spot close to Coffs harbour and the Dorrigo National Park.

The Urunga Radio Convention Committee cordially invites you to attend the convention this Easter, to be part of the activities and have a great time.

Further information is available from VK2ZCQ Brian, VK2DMS Merv, VK2ADA Arnold, VK2DGT Ken, all QTHR.

submitted by Merv VK2DMS

IPS report

IPS WEEKLY REPORT
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10 MARCH - 16 MARCH

DATE OF ISSUE: 17 MARCH 1995

INDICES:

DATE 10 11 12 13 14 15 16
10CM 79 76 76 77 79 81 84
A 13 23 26 29 15 16 (11 ESTIMATED)
T 47 48 66 49 34 12 21

SOLAR ACTIVITY WAS VERY LOW 10TH TO 13TH, AND 15TH MARCH; AND LOW 14TH AND 16TH.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS UNSETTLED TO ACTIVE ON 10TH, INCREASING TO ACTIVE ON 11TH, ACTIVE TO MINOR STORM OM 12TH, CONTINUING AT MINOR STORM LEVELS ON 13TH. THE FIELD REDUCED ON 14TH TO UNSETTLED TO ACTIVE, THEN QUIET TO UNSETTLED ON 15TH TO 16TH MARCH.
IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE ENHANCED BY 15 PER CENT 10TH TO 11TH, 15 TO 30 PER CENT ENHANCED 12TH TO 13TH, NEAR NORMAL TO 15 PER CENT ENHANCED 14TH, AND NEAR PREDICTED MONTHLY VALUES ON 15TH TO 16TH MARCH.
FORECAST (17 MARCH - 23 MARCH)

SOLAR: LOW.
GEOMAGNETIC: 17 MARCH - MOSTLY UNSETTLED, WITH BRIEF ACTIVE PERIODS POSSIBLE; 18 TO 23 MARCH - QUIET TO UNSETTLED.

IONOSPHERIC: DAYLIGHT ENHANCEMENTS OF 10 TO 20 PER CENT
THROUGHOUT THE WEEK.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

VK2MJ HF-VHF Internet gateway

VK2MJ HF-VHF INTERNET GATEWAY

For about six months Michael Walton VK2MJ has been operating a packet gateway so that country amateurs can have the same facilities as city amateurs. This gateway is not the normal packet gateway found on the HF bands which act as a link to the gateway's BBS or link to the local packet system; the VK2MJ gateway is a link to INTERNET and the world.

From the gateway you are able to talk keyboard to keyboard with amateurs around the world, and send them messages direct to their computers in seconds. You do not have to rely on BBS's to send your mail this way, as it is done by you, the operator.

The Gateway was running "paKet 6" as the software and using the gateway in the TNC to do the switching from HF to VHF. Two weeks ago the software was changed to "JNOS 110d" so that additions could be made to the gateway.

The change to NOS means that users do not have to connect to the Macquarie University gateway VK2GMU to make a connection to other countries; it can be done from the NOS BBS on the gateway itself. Also, mail can be sent or received from the BBS to other users of the Internet system.

If you wish to use Netrom nodes or want a list of nodes or telnet addresses you can connect to the Macquarie gateway by AX.25 or TELNET. At the moment there is no connection to the normal BBS system to send to non-Telnet users; this may happen later but it depends on what facilities are made at Dural and at the Macqarie University gateway.

It is planned to put a port on to connect to VK2AAB so that users can access a normal BBS and read and send normal packet mail.

At the present time there is no intention to operate Netrom as it clashes too much with TCP/IP. The gateway is a "users" gateway and as such BBS forwarding is not catered for and will not be encouraged.

It is hoped that this gateway will enhance the Dural facility when it is operational and give country amateurs a touch of the big smoke.

The operating frequencies are 7.035 MHz and 145.050 MHz.

-- Michael VK2MJ

Club news: Summerland

The Summerland Amateur Radio Club
Coming events

A social evening is being organised for this coming Wednesday the 22nd at the Onon restaurant in Lismore. Check with John VK2XKX for details and bookings.

The next Radio Amateur examinations will be conducted in the Club rooms at Richmond Hill on Sunday 9th April, applications close on 26th March.

The Grand Summerland Computer Expo is getting closer -- Saturday 27th May in Lismore City Hall. Commercial displays in the latest in computers and electronics, bring and buy tables, disposals, amateur radio demonstrations plus door prizes, refreshments. Admission is two dollars. See Rick VK2DJV for more information.

submitted by Graeme VK2GJ Publicity Officer

Club news: Hunter Branch

Hunter Branch Radio Group

Election of Officers & Committee 1995

President Gordon Sutherland VK2ZSG
Vice-President John Cannon VK2JRC
Secretary/Treasurer Rodney Prout VK2CN
Communications Officer Len Daley VK2ZFO
W.I.C.E.N. Liaison Officer Maurie Jones VK2CD
Committee members John Cannon VK2JRC, Stan Lloyd VK2AYL, Barry Parsons VK2AHE,
Rudy Meinsma VK2FIM
Broadcast Committee Gordon Sutherland VK2ZSG, Frank Weber VK2XVJ, Pauline Jones VK2GTB, Rodney Prout VK2CN
Publicity Officer Rudy Meinsma VK2FIM
Patrons Bill Hall VK2XT, Bill Bennett VK2AIB, Ken GreenHalgh VK2KG

Next monthly meeting on 7-4-1995 at NBN Television studios NCLE starting at 8pm.

from R. Prout VK2CN Secretary

Club news: St. George

From the St George Amateur Radio Society

The next meeting of the Society will be held at the usual venue, that is in the 1st Allawah Scout Hall, corner of Bellevue Pde. and Blakesley Rd., South Hurstville at 7.30 pm on Wednesday evening the 5th of April, 1995.

Visitors are always welcome to club meetings, coffee, tea and biscuits are provided and the members look forward to meeting those interested in attending.

The society invites all interested amateurs to its annual Allan Pettiford Memorial Auction which will be held next month on Saturday the 1st of April at its usual meeting venue in the 1st Allawah Scout Hall, South Hurstville.

Equipment for the auction will be accepted between 10 and 11am.

Viewing of equipment between 11 and 12noon.

Auction to start at 12noon sharp.

Visa, Mastercard and Bankcard credit card facilitation are expected to be available and the snack bar will be open during the course of the auction.

So, look around your shack, dust off any unwanted gear or components, come along and sell a little, maybe buy a little, but above all be part of what is usually one of the highlights on the St. George calendar of events.

Inquiries regarding any specific details are welcome, please phone the society's publicity officer Allan VK2XF at home on 533-1006.

de Allan VK2XF, Publicity Officer

Club news: Fishers Ghost

Fishers Ghost Amateur Radio Club

The Fishers Ghost Amateur Radio Club meets every third Tuesday of the month at the Campbelltown High School in Beverley Road, Campbelltown.

On Tuesday next, the twenty-first of March, well-known experimenter and radio amateur Mister Jack Heath will speak about remote radio control.

On the fourth Tuesday of the month the club conducts a meeting especially for Packeteers.
The next meeting of the Packeteers will be on the twenty-eight of march at the Campbelltown High School in Beverley Road.

Visitors are welcome at any of these meetings.

For any information about the club's activities, call Les Simmons on 046 28 3839.

Club news: Liverpool

The Liverpool and Districts Amateur Radio Club held its March meeting last Tuesday night and members who did not or could not attend should note the following change:

Our meetings will in future be held on the second WEDNESDAY night of each month. This move has been necessary to avoid clashes with many other fixtures. It appears Tuesday has been a very popular choice for many clubs.

The next meeting of the Liverpool Districts Amateur radio Club will be held on WEDNESDAY night, 12 th April. Please mark it on your calendar.

At our last meeting Richard VK2ARS gave a very interesting talk on Homebrewing tips illustrated with overhead slides and examples of his work.

This talk was followed by a brief talk from Paul VK2UPB explaining some of the features of the DopplaScan Foxhunter.

Don't forget, our next meeting will be Wednesday the 12th of April at 7.30pm.

Brad, VK2QQ Publicity Officer

Coming events

COMING EVENTS

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Shortwave Listeners...

Proposed new Amateur licence fees were due to come into effect on the first of March, but have been delayed until April -- so please keep writing!

Hunter WICEN meeting (Pauline VK2GTB). . . . . .Monday
Waverly ARC Amateur classes begin . . . . . .Tuesday
Fishers Ghost ARC lecture night . . . . . .Tuesday
Divisional examinations, applications close . . . . . .Thursday
Daylight Saving Time ends in VK3, VK5, and VK7. . . .Next Sunday
Divisional Trash and Treasure Sale . . . . . Next Sunday
Fisher s Ghost ARC packet night. . . . . 28 March
Great Lakes ARC members' meeting . . . . . 31 March
St George ARS Annual Alan Pettiford Memorial Auction. . . 1 April
Divisional Examinations . . . . . .2 April
St George ARS meeting . . . . . .5 April
Deadline for comment on SMA paper "A New Outlook" . . . . 21 April

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, by fax on (02) 626-6066, or on packet to VK2SKY @ VK2AAB.

Items can also be forwarded to the Divisional Office before close of business on the Friday before the broadcast.

VK2WI Broadcast, 19th March 1995. Copyright 1995 WIA (NSW) &

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acknowledged.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

3749. Re: DOES BERMUDA HAVE 2 METERS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 02:27:40 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3kldis$8bt@mother.usf.edu>
Source record: 250345

Bill Hindin (bildin@dorsai.org) wrote:

: : Yes, Bermuda does have a reciprocal agreement, but you will have to get
: an application for a permit from the Department of Telecommunications. It
: is a free, three-month permit for 2 meters. They *do* have an active
: community with two or three active repeaters and open autopatch. There is
: an amateur radio society in Bermuda. Contact the ARRL for the details and
: necessary paperwork. 73!

A friend of mine recently travelled to Bermuda and received a reciprocal
permit without trouble at all. He faxed the paperwork and a copy of his
license and not long after he received the permit giving him permission
to sign his call /VP9.

He says, you must be at least a general class licencee to receive a
reciprocal permit.

--
* == *
> Paul Knupke, Jr. University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu Fidonet 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* == *
"We're only immortal for a limited time ..." -- Neil Peart

3750. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 03:26:51 UTC
From: rwilkins@ccnet.com
Message-ID: <3klh1r$9in@ccnet3.ccnet.com>
Source record: 250346

Karl Beckman (csle87@email.mot.com) recently wrote
in <csle87-200395102425@145.39.1.10>:

: In article <3kdhl9$h81@ccnet3.ccnet.com>, rwilkins@ccnet.com
(Bob Wilkins n6fri) wrote:

: > Joe Jarrett (joejarre@netcom.com) recently wrote
: > in <joejarreD5KEKD.BH9@netcom.com>:

: > : In fact, I believe the forced 3 MHz duplex link channel plan you use in
: > : northern California is unique. Five mHz (or approximately 5 MHz) duplex
: > : link spacing is the norm everywhere else.
: >
: > In order to allow the greatest multi-use of the 420 - 450 MHz amateur radio
: > spectrum in northern california, band planners saw the need to tighten
: > the duplex link requirements. We are able to accomadate over three
: > hundred auxiliary duplex links without interference to the two very
: > active ATV frequencies.

: BOB - Maybe you can explain to all of us how reducing the separation
: between transmit and receive frequencies allowed you to fit more stations
: than before, even though their signal bandwidths were not decreased?? The
: transmitter still takes 20 kHz and the receiver therefore still listens to
: a 20 kHz window. Changing the spacing between them does not provide
: additional spectrum to accomodate more users; decreasing spacing merely
: adds increased filter/duplexer losses and reduces the overall efficiency of
: the link or repeater system.

This is not a simple issue. The northern california UHF band plan allows the
greatest number amateur radio Uses of the band while trying to minimise
interference between these Uses.

: Now just to set the "We did it first" record straight, the FCC Rules
: governing sharing of the 470-512 MHz TV channels with land mobile were
: written and implemented in the late 1960's. Thus I cast serious doubt on
: Bob's claim that "In recent years the FCC has followed our example in
: planning the 470 - 512
: commercial bands." Talk about revisionist history, this one even uses a
: time warp!

You may be correct, we may have been operating in parallel with the other
radio service band planners at the time. Our amateur 420 auxiliary
services were operational well before the commercial services occupied the
uhf television T-band.

: In fact, the frequency separation was chosen SOLELY because the TV channels
: are 6 MHz wide by FCC decree, and therefore the only logical separation HAD

: to be 3 MHz to maximize occupancy of the available 6 MHz windows. Sadly,
: nobody thought enough about the effects of the highest base/repeater
: transmitter at bottom.edge.freq+2.9875 MHz on the lowest receiver at
: bottom.edge.freq+3.0125 MHz (which is a T/R separation of only 25 kHz) to
: mandate some common sense geographic separations as well.

The tx - rx inter service separation is a known problem for all radio services in the UHF spectrum. While there may be no commission rules, most service coordinators solve these issues on a case by case basis.

: Getting back to the issue, the T/R spacing INSIDE the 6 MHz TV channels has
: absolutely no bearing on the T/R spacings of other systems operating on
: different modes outside the subject frequency window. If anything, the
: NoCal bandplan has probably STIFLED growth of traditional amateur
: voice/data repeater systems in the (non-TV) 432-450 MHz portion of the
: amateur UHF band, because standard commercial UHF equipment with the
: FCC-mandated 5 MHz T/R offset cannot be used in NOCal without significant
: modification. In this case having no standard is still better than having
: the WRONG standard.

Now for some non-revisionest history...The UHF repeater sub band in northern california is 440 - 450 MHz with five MHz offset. Originally folks operated at 444 and 449. Most repeaters used positive offset while the repeaters at broadcast sites used negative offset because of co-located 450 MHz transmitters. Auxiliary linking was done in the 440 - 442 and 445 - 447 MHz sub bands. Today auxilary linking is done in the 420 - 426 MHz sub band with 20 kHz channel spacing. All amateur UHF repeaters in northern california now use the commercial positive five MHz offset.

This plan has allowed more groups to enjoy building repeaters and links. You might look in the ARRL Repeater Directory to see that northern california has more active UHF repeaters than any other state! Moving the auxiliary link activity to 420 MHz has allowed the entire 440 - 450 sub band to be used for repeaters.

You might want to look at the nation wide 1240 - 1300 band plan. Similar six MHz windows are in place to accomadate amateur television. The six MHz wide repeater sub band uses a twelve MHz offset. Over three hundred fifty 1280 MHz repeater owners in california know this works well!

California again leads the nation with a sound six meter band plan. While the rest of the nation bickers over spacing we have had unpresidented growth with our 500 kHz offset spacing! Our state wide plan allows far more repeater and digital activity in the six meter band. If these plans were un-workable you would not find the tremendous growth we have experianced.

: And last, look at how efficient digital communications is when compared to
: analog. Take a standard telephone line that runs from 300 to 3800 Hz. The
: phone company digitizes that into a DS0 data stream that runs at 64 kbps.
: Where is the efficiency of digital in this arrangement, and how are you
: going to put more digital signals into the same NTSC 6 MHz video channel,

Lets not confuse wire line modulation teckniques with the new digital modulation used with rf transmitters. Certainly a fine television picture can be sent at the T1 data rate using only 1,54 MBs. This digital modulation does not begin to use the AM bandwith of six MHz. Look at the new motorola nextel digital radio systems now operating in the 800 MHz smrs radio service. The new digital radios will use processing power to compress bandwidth in real time. I look forward to computer to computer amateur television in the near future. DSP processing power is already in our computers today allowing us to send video over 14.4 or 28.8 KBs modems. Better pictures could be sent over a 64 KBs amateur radio occupying a 100 kHz bandwidth. Real time DSP will allow more amateurs to have fun with video repeaters and network video.

Looks like the new 219 - 220 MHz amateur band has been divided up into 100 kHz or 64 KBs channels for our new amateur digital radio service. Looks like someone is thinking of the near future, rather than repeat the mistakes of the past. W6GO an amateur in the small northern california town of Rio Linda started the ball rolling for this new band over six years ago. Thanks Jay!

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3751. Where to find KEPS data..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 03:36:26 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1736713DEAS86.WALLY@ukcc.uky.edu>
Source record: 250347

Is there an FTP site where I could find KEPS data for Satelite tracking,
or even a WWW site would work..

Thanks..

Walter _ Alinco 580
R _ // Wally@POP.UKY.EDU Wally@UKCC.UKY.EDU
Francis ⊗X/ Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU KE4UWN

3752. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 04:36:29 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <BGw5e-1.edellers@delphi.com>
Source record: 250348

Gary V. Deutschmann Sr. <raiar@vulcan.inlink.com> writes:

>When I was first licensed back in 1959, upgrading or should I say, back in
>those days, upgrading to Tech was in effect a downgrade of magnum proportionl .
>Too all of you new guys, If a Novice decided to upgrade to Tech class, he
>wuold loose all of his HF priviledges, besides, the 2 meter band was off
>limits to techs. Today, Novices even have some voice priviledges and
>upgrading to Tech opens up more opportunities, not takes them away.

I'm not aware that Technicians were ever locked out of 2 meters -- though they (like Novices) were limited to 145-147 MHz, which is how the present split between 146 and 147 MHz FM subbands came to pass. The Technician license was not supposed to be a step between Novice and General -- it was intended for those
who intended to experiment above 50 MHz rather than communicate below 30, and it took a while for the FCC to come to its senses, realize that Technicians had in fact passed the Novice elements (this was before no-code) and deserved the same HF privileges. Also remember that the whole purpose of the Novice class is to allow new hams to gain experience before upgrading -- they had HF privileges for those intending to upgrade to General, and VHF (145-147 MHz) for those who intended to upgrade to Tech and had no intention of working HF.

3753. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 04:50:23 UTC
From: abraun@alb.med.itc.com
Message-ID: <95032117423@alb.med.itc.com>
Source record: 250349

In Article <wday-1703950058410001@fw7.dfw.net>
wday@dfw.net (Wayne Day) writes:

>> Today W5YI Fred Maia filed a formal petition with the FCC. The petition
>> requests the FCC modify part 97 to prohibit one way broadcasting below
>> 30 mHz.
>
> Fred's a good ol' boy, but, ya know.. sometimes he comes up with the
> oddest of ideas. This is one of 'em that I hope gets put out to pasture
> real quick.
>
Sometimes?

This idea is like throwing the baby out with the dirty bath water. More hams than I can count have learned their CW with the W1AW code practice; those transmissions would most likely become illegal under such a plan. Thanks Fred, but no thanks . . . this one ranks right up there with offering to send our 610 renewals in for $5 when we can send them in ourselves for 32 cents!

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

3754. URL's seen in rec.radio.amateur.misc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 04:57:46 UTC
From: rick@ar.com
Message-ID: <3kluth$rc0@news.internex.net>
Source record: 250350

G R E E N E G G S R E P O R T
by
mailto:rick@ar.com

The Green Eggs Report is a monthy post of URLs
spotted within news:rec.radio.amateur.misc

Callbook Server with multi-lookup c http://www.ecst.csuchico.edu/~stefanis/call.html
IPS Daily Report - 10 March 95 http://www.ips.oz.au/rwc/
Listing of misc. HAM WWW sites http://www.clinet.fi/~jukka/
http://www.qrz.com/callbook.html
http://www.acs.ncsu.edu/HamRadio/News.html
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://www2.ncsu.edu/eos/users/d/dbhopper/www/w4atc.html
http://www.cc.columbia.edu/~fuat/cuarc/callsign-servers.html
More Ham-Bashing http://www.sp.nps.navy.mil//npsarc/k6ly.html
Need windows 3.1 for 286 on pactor,
http://www.iceonline.com/home/matthewa/WWW/matthewa.html
On-Line Callbook with search engine http://www.qrz.com
WWW amateur homepages http://www.qrz.com/
http://www.cam.org/~dino/ham.html
Student club DXCC status http://colargol.edb.tih.no/~torfinnh/

==========
Alice's Restraunt | GC2.1 d--- H s-:- g++ p? au-- a- w+++ v* C+++ U[A-z]+++$
rick@ar.com | P+++ L+++ 3- E? N+++ K-- !W M V++ po Y++ M !t !5 !j R- G
http://ibd.ar.com/ | !tv b !D B- e+++ u+ h+ f r n-- y+

3755. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 05:02:11 UTC
From: david@med-buspheb.bu.edu
Message-ID: <3klmkk$k9k@news.bu.edu>
Source record: 250351

Tom Speairs (tspeairs@intnet.net) wrote:
: In article <3k7bdp$hm3@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) wrote:

: One BIG feature, IMHO, is the $40 extended warranty on the RS handies. You
: have to have experienced the pain ($$$) and aggravation (shipping, etc.)
: of sending a japanese radio to the left coast to appreciate the "just drop
: it off at any RS, anytime" service.

This is very true. I returned 3 of them over a three month period before
getting one that worked. I've had the last one for over a year now.
They were embarassed as hell when I kept coming back, but they cheerfully
replaced them all. Don't buy it without the extended warrantee.

>David, N1QGK<
--
David R. Gagnon, MD MPH david@med-buspheb.bu.edu
Boston University School of Public Health (617) 638-4457 [voice]
Boston, Massachusetts 02118 (617) 638-4458 [fax]
"ecrasez l'infamie"

http://www-busph.bu.edu/Depts/Epi-Biostats/David_HomePage.html

3756. Re: Ham radio banned at San Diego Zoo ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 05:22:14 UTC
From: vector@inferno.com
Message-ID: <25222MULEXVUOBYNRVI@inferno.com>
Source record: 250352

i've had several experiences entering theme parks with radios. the way i usually combat the problem of the park personell with their cries of "interference" is to have a pre-printed list of the park frequencies and the frequency i plan on using. typically, since most parks tend to stick to one band (and i mean "most" parks, some use both vhf and uhf), i opt to use the opposite band they use as it tends to further calm their concerns. usually there are few problems after a brief conversation with a security officer or supervisor. i haven't been turned away yet and i've been to many a park.

greg

vector@inferno.com

3757. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 05:56:26 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5s0I2.7EA@news.hawaii.edu>
Source record: 250353

suggs@tcville.es.hac.com writes:

>In article 4yE@news.hawaii.edu, jeffrey@math.hawaii.edu writes:

>|suggs@tcville.es.hac.com writes:

>|>gfiber@halcyon.com (Gary P. Fiber) writes:

>|>>EVERY Amateur radio receiver that operates above 30 MHz is subject to
>|>>Part 15 rules.

>|>But modifying a radio (or even building one from scratch) isn't subject to
>|>part 15 or part 97 or any other FCC rules. Only operating it is!

>|Hi Brian,
>|Were you planning on not listening to your HT? As Gary implied, if
>|you modify your HT's receiver it might be in violation of Part 15
>|due to illegal emissions. Turning the receiver on is `operating' it.

>Jeff,
> The issue being addressed here was whether an officer of the law
>would have any grounds for confiscating a radio that you have modified.
>If you have followed the entire thread, you know that the above statement
>is not as ridiculous as your out of context quote tries to make it appear.

I've followed this ridiculous thread for at least 2 1/2 years. Rather
than trying to find loopholes in the law so you can satisfy this inner
desire to have a police-capable radio, why not instead arm yourself
with a repeater directory and a cell phone?

Jeff NH6IL (who carries a 200W 162.55 MHz transmitter with 1050 Hz
tone encoder with him so he can activate all weather radios within
a 20 mile radius `just in case'.)

3758. Battery type?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 06:14:53 UTC
From: lucid@indy.net
Message-ID: <3klqsu$kf9@indy-backup.indy.net>
Source record: 250354

I purchased a battery pack at a recent hamfest. Only markings on the pack are as follows: SNN4170A 6009793F01 -Constant voltage charge- voltage regulation cycle use: 14.6-15.0 V Standby use: 13.6-13.8 V Inital current less than 0.88 amperes. Battery is terminated by a cigraette recpt.

I plan to build a charger for the battery. Being a newbie, I want to charge the battery at correct voltage and current. Also, how long should the pack be charged? I purchased a charger printed circuit board, uses a 723 and "fold back" current. pcb is from company named FAR. 73's N9PUL

3759. Re: Illegal Call sign Usage

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 06:15:25 UTC
From: wday@dfw.net
Message-ID: <wday-2103950015250001@fw10.dfw.net>
Source record: 250355

In article <D5r9Fw.5nq@ainet.com>, showard@ainet.com (Steven Howard) wrote:

> I need some opinions regarding a problem with someone using my call
> illegally.
>
> I had only suspicions at first (recieving QSL cards for HF contacts
> during periods of time I did not even have a station up) but then I
> received a letter from someone back in Minnesota (where I am originally
> from) telling me of their friend using my call but refusing to give
> either the guilty party or their name.
>
> I notified the St Paul FCC office with a copy of the letter and
> the other points of suspicion. I don't expect them to go out and
> find the pirate, but an acknowledgement with a form letter or card
> would have been nice. I only want to be covered in case they pull
> anything illegal.
>
> What else would you do?

Have you picked up the phone and called the St. Paul office, and spoken
with the Engineer-in-Charge? That would seem to be the next logical
step, IMHO.

73 & good luck!

Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

3760. FM Pirate

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 06:53:25 UTC
From: sac@unixg.ubc.ca
Message-ID: <3klt55$71l@nnrp.ucs.ubc.ca>
Source record: 250356

This might not be the appropriate place to post this request but I think some of can help me out. I'm moving to a remote part of BC and want to set up a low power FM transmitter. Are there any good sources for information on how to construct one. 10 watts would be good. Thanks for your patience. You can E-mail me at sac@unixg.ubc.ca

3761. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 07:39:00 UTC
From: Gary.P..Fiber@p999.f10.n2235.z1.fidonet.org
Message-ID: <ce1_9503242344@uti.com>
Source record: 250377

AREA:REC.RADIO.AMATEUR.MISC
MSGID: 1:2235/10.999 0006af95
REPLYTO 1:2235/10.999 UUCP
REPLYADDR gfiber@halcyon.com
PID GIGO+ sn 106 at uti vsn 0.99 gp4
From: gfiber@halcyon.com (Gary P. Fiber)
Newsgroups: rec.radio.amateur.misc
Subject: Re: Part 15 Subjectibility??
Date: 22 Mar 1995 13:39:11 GMT
Organization: Northwest Nexus Inc.
Message-Id: <3kp99v$ad0@news.halcyon.com>

In article <3ko99v$1q2c@yuma.ACNS.ColoState.EDU>,
drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) says:
>
>
> I noticed that the Kenwood TH-79A/D's and TH-28A's have
> the dreaded "...complies with part 15 of the FCC rules..."
> sticker on them. Is this because of the computing devices
> in them? If so, then would not all microprocessor controlled
> radios necissitate this sticker? I was under the impression
> that we were under soley part 97. Maybe I am wrong, some
> one set me straight and explain this one please.
>
> Thanks for your time!
>
>--
> -Emarit drranu@holly.ColoState.EDU
>
> KG0CQ _.-_ __. _____ _.-. __._
>
Emarit,

All Amateur radios that have a receiver that operates at over 30 MHz are
subject to Part 15
rules. Now if you build your own receiver you do not need to pass Part 15
per say, but a
manufacturered radio does. Any Amateur radio that operates 30 Mhz and
below, does not need
to be Type Accepted, only the HF amplifiers are Type Accepted below 30 MHz.
Part 97 applies to
all transmitters HF and VHF and above as the FCC does not check the
transmitter at all.
Generally the 30 MHz and up receivers are tested under the scanning
receivers section of

Part 15.

For more on Part 15 you will need to get a copy of the Code of Federal Regulations which
contains FCC rule Part 15.

73' Gary Fiber

| via: UTI Systems BBS (815) 942-2930 Welcome my son, to the machine. |

3762. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 07:41:41 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.17768.795775605.drayegon@drayegon.america.com>
Source record: 250357

> Time based contests should be aoutlawed, they have no place on the Amateur
> Bands.
>
> Gary N0ZOI, USA National Coordinator for RAIAR
> Radio Amateurs International Awards Registry

Does this extend to field day and all contest's or just to a few. How much does one group have to give up to make another group happy.

I really think thatmore people would be served by co existance than the harm to any one group by banning any activity.
73 Ray AD4RR

3763. Myth vs. Fact:NiCad Memory on national show!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 08:00:29 UTC
From: arcadia@outpostbbs.org
Message-ID: <030812OEHMWNDGXFNTQI@outpostbbs.org>
Source record: 250358

Len:
I work for Arcadia Air a solar panel fabricator. We have been in
the buisness to solve power supply requirements like the one you have
described. My e-mail address is Arcadia@outpostbbs.org. I can be reached
at 610-326-9633 ask for Philip Rabinowitz.

3764. San Francisco Ham Clubs?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 08:09:36 UTC
From: dhubbell@sfsu.edu
Message-ID: <3km1k0$s6i@news.csus.edu>
Source record: 250359

I am a Broadcasting major at San Francisco State Univ. I have been looking to get involved with HAM radio but don't quite know where to start. So what better place than the internet? But what I am looking for are the names or address, phone #'s, e-mail, http sites where I could get info about HAM radio in SF. I am currently studying for my Tech plus licence and have several questions. Please help me. Feel free to e-mail me with any info or contacts.

Thanks in advance.
Dan
--

Daniel Hubbell - Resident Assistant
San Francisco State University (415)406-5909 home
SF, CA 94132 (415)253-1025 pagr

3765. [

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 08:14:25 UTC
From: root@n2vds.ampr.org
Message-ID: <3km1t1$20o@n2vds.ampr.org>
Source record: 250360

```
qwdklq;wdl;
```

3766. Re: Motorcycle Mobile, April 94 73 Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 09:32:12 UTC
From: randolph@est.enet.dec.com
Message-ID: <3kmob6$rsb@mrnews.mro.dec.com>
Source record: 250286
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <mwhite-1703951349500001@m14494-mac.mitre.org>, mwhite@mitre.org (Michael White) writes...
>Jerry Kreifelswrote:
>> : I'd also be interested in hearing comments from anyone who has [operated
>> motorcycle mobile].
>
>I've done this a lot, and my advice is: don't.
>Mike, N4PDY

I'd have to agree, unless you happen to be in one of the flat, mostly farm states. Here in Massachusetts, it's tough enough to not end up dead without having to hold up one side of a repeater chat. I don't even like to yak it up too much when I'm in traffic in the car! I have one of those "serial access" brains that can't do two things at once very well...

-Tom R. N1OOQ ('84 Sportster) randolph@est.enet.dec.com

3767. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 09:46:12 UTC
From: randolph@est.enet.dec.com
Message-ID: <3kmp8t$rsb@mrnews.mro.dec.com>
Source record: 250290

In article <9503170605594.The_Win-D.rickmcm@delphi.com>, rickmcm@delphi.com (Rick McMillion) writes...
>> >Tom Randolph (randolph@est.enet.dec.com) wrote:
>> >> base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery,
>> >That's amazing! Especially since the specs say only 6W out with 13.8V in.
<snip snip snip>
>
>Now wait a minute. Nobody ever said those Radio Shack wattmeters were real
>accurate. I'm sure the guy was getting 10 watts out. I heard one guy claim 12
>watts output.
>Rick, WB7UGZ

Hey, I could put it on a scope and measure it if those guys really want, but I have no reason to believe my wattmeter is that far off... SWR is < 1.1:1, (into 60 ft. of dummy lo... er, um, coax) so nothing funny going on.

The gain of class C power amps is dependent on the beta of the particular transistor, you know. The spec is usually *minimum* power out.

-Tom R. N1OOQ randolph@est.enet.dec.com

3768. DRAKE tel # + address ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 10:29:29 UTC
From: RHAREL@18.9.INTel.COM
Message-ID: <9503211029.utk23179@18.9.intel.com>
Source record: 250361

I need the Tel and FAX number of DRAKE in Ohio.
I have an R7 receiver and would like to purchase the service manual for it.
Any info would be appreciated.
Please mail directly to my internet address:
RHAREL@fab8.jer.intel.com

Thanks es 73,
Richard
WB2JBS

3769. IC-W21a/e mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 11:37:44 UTC
From: 069282@edna.cc.swin.edu.au
Message-ID: <3kmdq8$k3v@lucy.swin.edu.au>
Source record: 250362
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

does anyone know any mods, improvements, additional features of this radio, or will does anyone have a comment on the general performance of this unit.. thankyou andrew scott.

3770. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 12:05:45 UTC
From: gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE
Message-ID: <3kmfep$39l@hatch.sonalysts.com>
Source record: 250363

Steve Wilson (stevew@netcom.com) wrote:
> Jordan Peugeot (dmunroe@vcd.hp.com) wrote:
> : Could someone explain what the appeal is in contesting? I realize that
> : people have differing ideas of what is fun, but, if contesting is what
> : I think it is, spending an entire weekend making thousands of extremely
> : brief contacts not only sounds boring, but also seems to be an incredible
> : abuse of the spectrum. Wouldn't it be more enjoyable to use the time to
> : have real QSO's and possibly make new friends in the process?

I agree somewhat. I normally run a few hours of class E (at home with
generators) during Field Day, just to test the generators. I can't
take any more than a few hours distributed over the weekend.

I also run contests, but not for the score, just because so many
stations are on the air. This is a great way to advance my DXCC
scores. I _especially_ like RTTY contests because it's the _only_
way to get new states/countries. Except for the contests, RTTY
is pretty dead.

73 - AL

--
****
Al Gerheim, N4QN |Opinions expressed here| Sonalysts, Inc.
gerheim@sonalysts.com |are my own. | 215 Parkway North
Work: (203)442-4355 | | Waterford CT 06385
****

3771. RTTY skeds: DE, ND, SD

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 12:10:31 UTC
From: gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE
Message-ID: <3kmfnn$39l@hatch.sonalysts.com>
Source record: 250364

Any RTTY operators out there in the indicated states? I would
greatly appreciate a sked. Can work all bands except 40M.

73 - AL

--
****
Al Gerheim, N4QN |Opinions expressed here| Sonalysts, Inc.
gerheim@sonalysts.com |are my own. | 215 Parkway North
Work: (203)442-4355 | | Waterford CT 06385
****

3772. FT-51R DTMF decode? how does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 12:59:26 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kmije$u9@ecom2.ecn.bgu.edu>
Source record: 250365

Concerning the FT-51R, It has some sort of a DTMF decoder.
I am trying to find out if it has the capability to decode
DTMF tones, that are not a series of three, separated by a *, and
another three tones. Nobody in my area uses this paging option,
and there is no way for me to test the capabilities of the radio,
except that it can receive some pager frequencies. These
frequencies use DTMF tones, but can I get my HT to decode them?
OR, another idea, if someone used the autopatch on the local
repeater, can the 51R decode the phone number being dialed?

Please let me know how this thing works.
Thanks,
Dave
N9HUR
.

3773. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 13:49:27 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3kmlh7$sbu@cat.cis.Brown.EDU>
Source record: 250366

In article <1995Mar20.123228.3377@arrl.org>,
ehare@arrl.org (Ed Hare (KA1CV)) writes:

|> Now, Michael, how is it that someone who doesn't know what is and is not
|> covered in the Technician Class material has so much to say about its
|> content? :-)

Ah, now Ed, you start to get the point. When someone can answer 50 questions
and gain all sorts of operating privs on frequencies, shouldn't they have a
basic understanding of the propagation characteristics of those frequencies?
"Uh, gee, I don't understand why he can't hear me. Maybe I'd better boost
power to 1.5kW."

Not any more. Today just put an X on the dotted line, get your 25 Tony Tiger
points, and mail $5.99 to Newington (to cover shipping/handling) to get
your amateur radio license. 10-4!

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

3774. Re: Rat Shack Ripoff (Greg Smith)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 13:53:26 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3kmpgg$6h2@newshost.lanl.gov>
Source record: 250367

Someone had suggested that Radio Shack employees toil
in Dante's inferno. (less delicately put) I thought you
might have read that one too. Anyhoo enough on this subject.

3775. Re: DOES BERMUDA HAVE 2 METERS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 13:57:23 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <3kmm03$5qq@acme.freenet.columbus.oh.us>
Source record: 250368

Paul Knupke (CS) (knupke@babbage.csee.usf.edu) wrote:
: Bill Hindin (bildin@dorsai.org) wrote:

: : : Yes, Bermuda does have a reciprocal agreement, but you will have to get
: : an application for a permit from the Department of Telecommunications. It
: : is a free, three-month permit for 2 meters. They *do* have an active
: : community with two or three active repeaters and open autopatch. There is
: : an amateur radio society in Bermuda. Contact the ARRL for the details and
: : necessary paperwork. 73!

: A friend of mine recently travelled to Bermuda and received a reciprocal
: permit without trouble at all. He faxed the paperwork and a copy of his
: license and not long after he received the permit giving him permission
: to sign his call /VP9.

: He says, you must be at least a general class licencee to receive a
: reciprocal permit.

: --
I got my permit by walking into the office in Hamilton. That is
the address for the Dept. of Telecommunications. A letter request
and photocopy of the license may be all you need to do it by mail.
Gerry K8EF

3776. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 13:58:01 UTC
From: dennisg@microware.com
Message-ID: <3kmm19$30b@mcrware.microware.com>
Source record: 250369

In <3kdsq5$5td@abyss.West.Sun.COM> myers@Cypress.West.Sun.Com (Dana Myers) writes:

>There's plenty of Know-Nothing General, Advanced and Extra class
>amateurs.

That's right, we extras have every right to be clueless too. Just listen on the extra portion of the band of your choice :-)

3777. Re: Clipart Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 14:18:52 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar21.141852.17189@ke4zv.atl.ga.us>
Source record: 250370

In article <3kkuir$4d5@galaxy.ucr.edu> plpath@ucrac1.ucr.edu writes:
>In KE4RRG's response regarding Clipart for amateur radio
>
>Where exactly is 'CI$' ?
>
>How does one find this location? -- Could you be more specific?

That's the acronym for the Compu$erve Information $ervice. The
dollar signs denote the fact that it isn't freely accessable. :-)

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3778. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 14:25:01 UTC
From: kludge@netcom.com
Message-ID: <kludgeD5so1p.Gy3@netcom.com>
Source record: 250371

In article <Z4662Xg.armond@delphi.com> armond@delphi.com writes:
>Michael Blankenship <zblank@tyrell.net> writes:
>
>>> If you look at the performance of FM it is clear that the signal will
>>> be fine out to the horizon. 10 watts of VHF FM will go a very long
>>> ways line of sight.
>
>Uhhhhhh, what make propagation different for FM than AM?????????

The only difference is the FM capture ratio, which actually is to your
disadvantage with DX signals down near the noise floor.... AM is definitely
better in this regard, especially in a noisy environment.

The reason the aviation folks use AM is so that they can talk over top
of one another... while this might not be polite, it makes it possible to
break in on another transmission, which could be of benefit in an
emergency.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

3779. Re: learning cw (text in clear)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 14:52:06 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3kmp6m$pkl@info4.rus.uni-stuttgart.de>
Source record: 250296

In article <199503160725.XAA27979@UCSD.EDU>,
Theodor Johannes Schmitz <theo_schmitz@VNET.IBM.COM> wrote:
>Hello CW experts,
>
>I just failed my 12wpm (german)cw (HF upgrade)exam.
>I have no problems copying random characters (grouped by 5)
>but with text in clear I loose the line much faster

Hallo Theo,

I know the situation, now the reason is, that you normally *just*
learn what you practice for. Here it does not matter if it is
random characters, numbers, words, callsigns or actually QSO
text. Each type of transmission wants to be trained individually,
(at least for my brain).

So for english random text there are plenty of programs, and
as to the german texts in the exam you will have to write a text file
or have someone tapping it out at you.
Viel Spass beim Ueben und mehr erfolg das naechste Mal, 73, Moritz DL5UH

3780. Ramsey 220 MHz kit. Does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:17:26 UTC
From: horak@convex.com
Message-ID: <3kmqm6$ehn@eugene.convex.com>
Source record: 250372

I am thinking about buying the Ramsey FX220 220 MHz ham transceiver.
The only Ramsey kit I have is the SS-7 descrambler and I had to
"modify" it to get desireable results. My question is, how well
will this work out of the package (without mods)? I don't mind
spending some time improving it but I don't want any BIG surprises.
Is it worth the $149? Please share your experiences.

David N5OFQ (not your average Dave)
Plano, Texas (not your average plain-O town :-)

3781. Icom R-1 Prog. Help

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:21:02 UTC
From: bsplaine@sr.hp.com
Message-ID: <3kmqsu$d2e@canyon.sr.hp.com>
Source record: 250373
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I just picked up an Icom R-1 and need help programming to memory. In trying to do the example in the book on programming a memory channel to the 2m freq ... here's what I do:
1. Push MR to get "M"
2. Select the channel # with tuning control.
3. Push CL to select VFO
4. key in frequency.
5. Push F+1(Mode) one or more times to select FM mode. HERE IS THE PROBLEM?? When I simultaneously push F+1 trying to change the mode, the only thing that seems to happen is the numbers(freq)changes.. not the mode.

Help.............. anyone willing to give me a call and step me thru this once on line? Or e-mail me your number and I'll call you..... I don't have Icom's number or I'd call them. The candy store has never been able to step me thru a learning curve... it's always been fellow hams.

--
/\/\/\

3782. Re: Help: with automobile RFI problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:27:43 UTC
From: slay@netcom.com
Message-ID: <slayD5sqy8.LD6@netcom.com>
Source record: 250374

brunelli_pc@delphi.com wrote:
:
:
: I am having the following noise problem with a mobile installation.
: Any suggestions regarding finding or eliminating the problem would
: be greatly appreciated. The car is a 1991 Isuzu Trooper and the
: rig is a Ten Tec Triton 4, and a Kenwood ts430. The antenna is an
: Outbacker Perth mounted on the spare tire carrier on the rear door.
:
Call Industrial Communications Engineers, Ltd in Indianapolis, IN.
Tel: 317-547-1398 (customer service) and ask for info on their
product line of bandpass filters, etc.

Ask for their catalog ... especially part nos. 443 and 444 .... also
get their free publication #44 Mobile Radio Noise Elimination.

Their stuff works great and is quite reasonably priced.

73 de Sandy
WA6BXH
slay@netcom.com

3783. need info on address change.....

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:29:09 UTC
From: acierno@csc.mc.edu
Message-ID: <3kmrc5$6v3@csc.mc.edu>
Source record: 250375

Hi, I reciently moved from NY to mississippi ..... i'm sure that I must
notify the fcc, but i'm not sure what form I need to use or where
to get it........Any help would be appreciated

thanx
mark

N2uem

acierno@mc.edu OR macierno@delphi.com

--
Mark J. Acierno inet: acierno@mc.edu
Mississippi College (601)957-6783
Clinton, MS 39058

3784. NEED HEATHKIT ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:33:45 UTC
From: mikec@primenet.com
Message-ID: <mikec.6.001A6F86@primenet.com>
Source record: 250376

I am in need of the address and/or a phone # for the Heathkit company. I have
a friend who has one of their automatic antenna tuners that needs repairing.
Any info would be greatly appreciated. Thanks in advance.
Mike

3785. Re: W5yi files petition fo

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:43:24 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795801660.AA00814@hamlink.mn.org>
Source record: 250309

GG>---------- Why do you hope it gets put out to pasture, it is long
GG>over due. Lets give a worse case scene , you and your kids are out
GG>bicycleing in a rurual area , a truck accidently hits one of your
GG>kids , there are no phones or houses near by , your kid is dieing ,
GG> but you have a hf rig , just about the time you are going to give
GG> directions to your location , some idiot like k1man starts playing
GG>his one way "loop tapes" ,"bullitons" , and the station you
GG>were giveing the info to cannot hear you any more ,not even well
GG>enuff to establish another freq , one way broad casts have no place
GG>in bands that are intended for 2 way communications.

Time out! HF rig on a bicycle? That's a bit of a stretch of my credulousness.

Perhaps a 2-meter HT on a bicycle is more likely. But Fred's proposal is to move the bulletins and Morse practice above 30MHz, like maybe to 2-meters. Ooops, truck just hit another of my kids.... but I got my HT here with a hot battery..... what the heck -- there's N1MBO transmitting bulletins on the repeater. Another kid bites the dust. Darn, I wish I had an HF rig on this bicycle!

3786. Re: Does VP9 have Reciprocal Licensing?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 15:55:12 UTC
From: clmorgan@miavx3.mid.muohio.edu
Message-ID: <1995Mar21.105512@miavx3>
Source record: 250278

In article <19MAR199522025292@utkvx.utk.edu>, waller@utkvx.utk.edu (J. W. WALLER, ECE) writes:
> Does Bermuda (VP9) have reciprocal licensing? If
> so, is there two meter activity there?
>
> Thanks and 73
> W4TZB

Yes and yes. A quite friendly bunch too. Contact the ARRL (members and non-members will be served) for a Bermuda package. They (ARRL) send an info form and license application. File the application with Bermudian authorities and your permit will be forthcoming. Think you have to have a General or higher, though.

When your permit (free) or license (fee required) is returned, you will have an updated info form included. By all means, go by the info form accompaning your permit.

Be sure you have your permit when taking a radio in. Declare the radio at Customs ... don't "forget" that you have it. You might need ownership papers for the US Customs on your return.

Last time I was there, there were two repeaters; literally one on each end of the island. Both cover very nicely. Open autopatch too!

Have a great time! Rent a moped and see the island! They (the Bermudians) are very nice people and quite friendly.

73 >< Carl
K8NHE

3787. Re: RE-NO CODE TECHS GETTING TH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 16:01:40 UTC
From: billsohl@earth.planet.net
Message-ID: <3kmt94$kfk@jupiter.planet.net>
Source record: 250279

Ed Ellers (edellers@delphi.com) wrote:
: Gary V. Deutschmann Sr. <raiar@vulcan.inlink.com> writes:
: >When I was first licensed back in 1959, upgrading or should I say, back in
: >those days, upgrading to Tech was in effect a downgrade of magnum proportionl .
: >Too all of you new guys, If a Novice decided to upgrade to Tech class, he
: >wuold loose all of his HF priviledges, besides, the 2 meter band was off
: >limits to techs. Today, Novices even have some voice priviledges and
: >upgrading to Tech opens up more opportunities, not takes them away.
:
: I'm not aware that Technicians were ever locked out of 2 meters -- though they
: (like Novices) were limited to 145-147 MHz, which is how the present split
: between 146 and 147 MHz FM subbands came to pass. The Technician license was
: not supposed to be a step between Novice and General -- it was intended for
: those
: who intended to experiment above 50 MHz rather than communicate below 30, and it
: took a while for the FCC to come to its senses, realize that Technicians had in
: fact passed the Novice elements (this was before no-code) and deserved the
: same HF privileges. Also remember that the whole purpose of the Novice class is
: to allow new hams to gain experience before upgrading -- they had HF privileges
: for those intending to upgrade to General, and VHF (145-147 MHz) for those who
: intended to upgrade to Tech and had no intention of working HF.

I don't know what the intention was, but the original post above is correct
as I recall. When I "upgraded" to tech (around 1960) the tech license
did not allow any operation on 2 meters. Perhaps the change that gave
all techs all privaedges over 30MHz came about at the same time as
incentive licensing (around 1967). I don't know the details as
I was inactive from around 1962 until just a few years ago.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3788. Re: Info-Hams Digest V95 #228

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 16:13:47 UTC
From: gianotti@ideanet.doe.state.IN.US
Message-ID: <Pine.PTX.3.91.950321111300.7264B-100000@ideanet.doe.state.in.us>
Source record: 250280

The phone number for RL Drake company is:

513-866-3211
Fax # is 513-746-4556''

Their service department is very helpful

73

____
| John L. Gianotti KF9GW #INTERNET: gianotti@ideanet.doe.state.in.us |
| Dir Computer Services #VOICE: (219) 365-8551 ext 260 |
| Lake Central School Corp.#FAX: (219) 365-6414 |
|____|

3789. ARLB026 Vanity call change sought

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 16:48:52 UTC
From: w1aw@arrl.org
Message-ID: <$arlb026.1995@ampr.org>
Source record: 250281
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB026
ARLB026 Vanity call change sought

ZCZC AG92
QST de W1AW
ARRL Bulletin 26 ARLB026
From ARRL Headquarters
Newington CT March 21, 1995
To all radio amateurs

SB QST ARL ARLB026
ARLB026 Vanity call change sought

The ARRL has petitioned the FCC for partial reconsideration of one aspect of its proposed vanity call sign program.

The League has asked that the Commission require that amateurs requesting vanity call signs in eligibility ''gates'' other than Gate One specify call sign choices in the call sign region of their then-current mailing address. (Gate One is for applicants for a previously held call sign or the call sign of a deceased relative.)

The League said that, reinforced by the comments of a number of amateurs, it believes that the history of call sign regions and the nature of Amateur Radio communication indicate that call sign regions should be retained for vanity call sign applicants. ''Amateurs are in general most supportive of the use of call signs as a quick means of determining the general location of a station,'' the League said.

The League also said that, because some call sign regions would have fewer available call signs than others, allowing an ''open field'' would deplete the call sign pools in some regions, ultimately depriving some applicants who want a call sign in their own region the opportunity to obtain one. The ARRL cited in particular the limited call sign banks in Puerto Rico (KP4), Alaska (KL7), and Hawaii (KH6), as examples.

The ARRL said that otherwise it fully supports the Commission's vanity call sign proposal, and that it believes sufficient time is available to consider the League's proposed change before the FCC is ready to open Gate Two, the first that would be affected.
NNNN

3790. 1.2 FM repeater question...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 16:49:02 UTC
From: Chris Oesterling <chris@angus.mystery.com>
Message-ID: <FkoB3c3w165w@angus.mystery.com>
Source record: 250282

Hello,
I'm seriously considering installing a 1.2GHz FM voice repeater (I have a great site where I currently have an ATV repeater). I've priced out the Icom IC-RP1220 whole repeater in a box but $2800 is a little steep (my wife won't release the funds!) Could anyone who has experience in the setup of a 1.2 FM voice repeater give me a little advice on what to use for hardware? I don't need to take a lot of someone's time, just a point in the right direction.

Thanks, Chris N8UDK (heh, tech-lite)

--
Chris Oesterling (chris@angus.mystery.com)
Mystery Spot BBS, Royal Oak, MI ----------?--

3791. RE: Info-Hams Digest V95 #228

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 16:49:55 UTC
From: ODONNELLP@MAR65.MAR.ORA.FDA.GOV
Message-ID: <950321114955.2da9@MAR65.MAR.ORA.FDA.GOV>
Source record: 250283

RE: automobile RFI

A friend that also has a Trooper (also using the Outbacker BTW), found his trouble was mainly due to the fuel pump (electronic, and the pump is in the tank) and the control system computer (which is inside of or next too the consoles glove box whatchamacallit). Might try grounding the tail pipe, but sometimes that can make things worse on one band and better on another.....geez!

Paul
wb2oyc

3792. ARLX013 Hamvention honors trio

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 16:50:33 UTC
From: w1aw@arrl.org
Message-ID: <$arlx013.1995@ampr.org>
Source record: 250284
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX013
ARLX013 Hamvention honors trio

ZCZC AX82
QST de W1AW
Special Bulletin 13 ARLX013
From ARRL Headquarters
Newington CT March 21, 1995
To all radio amateurs

SB SPCL ARL ARLX013
ARLX013 Hamvention honors trio

The Dayton Hamvention has announced its three major award winners for 1995.

The Hamvention Amateur of the Year is Rosalie White, WA1STO. Rosalie, 45, is manager of the ARRL Educational Activities Department, a member of the Shuttle Amateur Radio EXperiment (SAREX) Working Group, and coordinates ARRL continuing education workshops held at major conventions around the country. She holds an Advanced class license and has been a licensed amateur since 1970.

Winner of the Hamvention Special Achievement award is Ed Briner, WA3TVG, of Acme, Pennsylvania. Since 1979, Ed, who is 68, has been involved in humanitarian work providing medical assistance through the Medical Amateur Radio Council (MARCO). He is editor of the MARCO newsletter.

Philip Ferrell, K7PF, is the Hamvention Technical Excellence Award recipient for 1995. Phil, 61, holds a doctoral degree in electrical engineering, and is retired from the Boeing Company in Seattle. The Hamvention cited him for developing ''FingerPrinting,'' a method of identifying radio transmitters by their on-the-air ''signature.''

1995 marks the fourth out of the last five years that an ARRL official or employee has been the Hamvention's Ham of the Year. In addition to Rosalie White, recent winners have included Hudson Division Director Steve Mendelsohn, WA2DHF; retired ARRL General Manager (and now International Amateur Radio Union President) Dick Baldwin, W1RU; and retired ARRL Washington Area Coordinator Perry Williams, W1UED.
NNNN
/EX

3793. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 17:23:00 UTC
From: dieven@almaden.ibm.COM
Message-ID: <9503210923.ZM18889@penguin.almaden.ibm.com>
Source record: 250285

Jordan Peugeot <dmunroe@vcd.hp.com> asks:

>>Could someone explain what the appeal is in contesting? I realize that people >>have differing ideas of what is fun, but, if contesting is what >>I think it is, spending an entire weekend making thousands of extremely >>brief contacts not only sounds boring, but also seems to be an incredible >>abuse of the spectrum. Wouldn't it be more enjoyable to use the time to >>have real QSO's and possibly make new friends in the process?

Contesting is a sport. And most sports, when viewed objectively by a non-combatant, seem quite silly. Take football. 22 grown men chasing after a ball. With all the money they spend on it, they could buy everyone their own ball and then they wouldn't have to fight over it. Or golf. Golfers hit a ball a long way. Then they chase after it. And when they finally find it, they hit it again! Why anyone in their right mind would CHOOSE to run 26 miles in a marathon is beyond me. From the looks on their faces runners certainly are in pain for at least part of this effort. If it hurts, why do that? Why do kids plug quarters into a video game machine that makes zapping noises and press buttons as fast as they can? They can watch their home television for free.

The appeal of contesting is similar to any competitive sport. You enter an artificial situation for a finite period of time and try to make the most points (or whatever goal you set for yourself). If you chase DX, after a couple of years it is a rare event indeed to work a new country. My "position" in the DX club based on countries confirmed is not likely soon to exceed the position of the Old Guys who have 360 countries confirmed. But in a DX contest, everyone starts at 0000Z with zero. And 48 hours later I have a fair shot at having more DX countries (or more multipliers or more points) than others in my
situation.

You're right in some contests that running endless strings of QSOs with the same country is numbing. But in Sweepstakes, for example, there are 77 sections that I need to work to make a "clean sweep". And making that last QSO with Hawaii or Quebec or the Yukon Territory to make the clean sweep is quite a rush.

So contesting is like ham radio compressed into a weekend. You chase DX, you work a lot of guys, and your operating skills improve. Trying to learn how to break a monumental pileup? Try working all the Carribean stations on all bands in one weekend. Your skills will improve. Trying to learn how to be a DXpedition operator? Take a trip to a rare county in a state QSO party and run stations all weekend. Want to learn about propagation? When is the right time to turn the antenna for long path to Europe on 40 meters? During a DX contest there will be a lot of stations on, so you'll have lots of chances to practice.

Most of the QSOs made by the "big gun" contest stations are not with other "big guns", but with casual participants, guys with 100 watts and wire antennas. The participants are looking for a little DX, maybe just the fun of being in the contest. Few stay the entire 48 hours. And many of the hard core guys find themselves, at one time or another in the contest, wondering what they are doing staying up all night playing with the radio. This must be fun, we say! I liken this to the marathon runner working through a rough spot to get to the finish.

There's a fairly good writeup in the ARRL Operating Manual about the appeal. And like a lot of sports, the appeal is hard to explain unless you try it out. You might just like it!

As for "spectrum abuse", some contests help people to understand that some ham bands that are normally not used adequately are very good for amateur communications. The ARRL 10 meter contest, I think, may have started this way. There's an adage, "Use it or Lose it". And contesting does help generate activity that keeps the usage up on our bands.

I'm still working new countries in contests, too. Not many at a time any more, but it's not unusual to work 100 countries in a DX contest weekend.

Even though the QSOs are short, after a few years you start to recognize a lot of the calls you hear. And I meet these guys (and a few gals) in social occasions. There is a local contest club. We all have a great time at Dayton and Visalia. The camraderie of those in many sports is similar. You like being with those that share the same passion that you do. Even if you're going to compete against them in contests all year. The friends from other countries that come to visit me and those I go to visit are generally contesters. Those friendships mean far more than the friends I'm likely to make with a typical ham radio ragchewing QSO where one discusses the weather, equipment inventory, and then "gotta go".

Contesters (and DXers, and CW traffic operators) think of themselves as better-than-average operators, able to handle stressful situations where lots of interference abounds, and the QSO rates are high. It is good training for handling lots of callers, which might be valuable, for example, if I found myself the only station active in an emergency zone. I'm active in RACES/ARES in San Jose. A lot of it is pretty mundane. But if the situation heats up and lots of people are calling over one another in relative chaos, it is my contesting training that will give me the confidence to deal with that situation better than some of my colleagues. I think National Traffic System net control ops grow similar (but not identical) skills.

Contesting is open to all. Our club's youngest member, Jenny, is 10 years old. She recently upgraded from Technician Plus to General. She told us all in our annual awards banquet that now she was "going to kick butt with the big guys".

73 de Dick, AA6MC, G0MFO

3794. Re: need info on address change.....

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 17:38:55 UTC
From: jimkd0av@aol.com
Message-ID: <3kn2vf$1ul@newsbf02.news.aol.com>
Source record: 250287

Use latest version of 610; get from FCC field office or SASE to ARRL

Jim KD0AV

3795. ELNEC vs CoProcessor TRICK?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 17:39:51 UTC
From: gene@eagle.csl.uiuc.edu
Message-ID: <gene.795807591@eagle.csl.uiuc.edu>
Source record: 250288

I got ELNEC (co-processor version) for Xmas and needed to put together a faster system. I purchased a 386DX-40 (or 33) motherboard to use with an Intel 25 MHz co-processor I had....but found that performance was marginal even at the 33 MHZ jumper position. Using the Non-Turbo mode slowed it down too much (about a factor of two). The motherboard had only one quartz crystal on the entire board. It was approx. 14.3 MHz. Perhaps they double it for 28.6 (33 MHz), and triple it for 42.9 (40 MHz). At any rate, I substituted a 12 MHz Xtal for the 14.3 (simply cut one trace on foil side...leaving it in place with only one side connected) and tack-soldered the 12 MHz on the under-side of the motherboard. Using the 33 MHz jumper connection, I assumed the 12 MHZ gets doubled to 24 MHz which made ELNEC run properly...presumeably because the 25 MHz co-processor is now happy. Of course the internal clock now loses time, but I can tolerate that.
Incidentally, let me add that Lewellan's ELNEC Antenna program is Very Impressive.It performs dozens of functions with an easy press of a key or two which is clearly notated on the color screen....and seems to provide about any feature you can think of. After a few years of tinkering with the original MinneNec...experimenting with modelling becomes fun. Most of the ones I model get evaluated and plotted in about a minute.
--

Internet, BITNET: gene@csl.uiuc.edu

3796. Sale or Trade:TS50 & AT50

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 17:44:20 UTC
From: gregg@plains.NoDak.edu
Message-ID: <D5sx9w.uLM@ns1.nodak.edu>
Source record: 250289

I have a TS50 and AT50, and extra hand mic and the looong cable between the tuner and rig. I'd like to trade these guys for a normal sized rig. This one just looks too silly sitting on the shelf. I don't go HF mobil anyway. I'd say the value is around $950 so what do you have that is worth that much to trade? I like Icom and Yaesu better than Kenmore and I'd consider TenTec, too. I'd consider a premium scanner (AOR, Uniden, etc) and/or an older HF plus cash or whatever you've got, make an offer. Just don't be silly, this is a very nice rig in really good condition and I won't give it away. By the way, I do NOT have the boxes, but do have the manuals and a few other goodies for it.

Send email with offers, etc.

Joe

3797. Moto. PT400 conv. -> 2M?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 17:54:01 UTC
From: Chris Beasley <cb1p+@andrew.cmu.edu>
Message-ID: <MjPl_ty00YUxMGvIRF@andrew.cmu.edu>
Source record: 250291
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello,
I just picked up an old Motorola PT400 transportable FM
RadioTelephone on 158 Mhz. I'm wondering if anyone knows where to get
documentation on this unit? How to convert it to two meters? Any
accessories available?

The full model number is: P43DEN3100BM

Please help!
Thanks!

Prefer Email....

Chris

3798. WANT HAM BBS PH. NUMBERS!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 18:02:29 UTC
From: tony@gcr1.com
Message-ID: <3kn43v$p8j@tetsuo.communique.net>
Source record: 250292

Anyone have ANY ham radio BBS phone numbers - that may have files
that inlclude shareware and freeware related to HAM RADIO ...?
Also mods, and CI-V, CAT computer control software ... ?
Direct you response to:
tony@gcr1.com
-
Tnx, 73
N5GPI

3799. Keps...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 18:16:32 UTC
From: feehan@inforamp.net
Message-ID: <3kn560$ghg@inforamp.net>
Source record: 250293

Hello, all
Sorry to bother you, but I was just wondering if anyone knew of
somewhere on the 'net where I get get up to date Keplerian elements for
OSCARS, etc...
Thanks in advance...
Dennis KD4SBN

3800. Re: Where to find KEPS data..

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 18:26:23 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.13720.795814078.drayegon@drayegon.america.com>
Source record: 250294

Subject: Where to find KEPS data..
> Date: Mon, 20 Mar 95 22:36:26 EST
ftp.amsat.org
http://www.amsat.org

73 Ray AD4RR

3801. WANTED: Kenwood TH28 HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 18:31:47 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Mar21.133147.1@ccsua.ctstateu.edu>
Source record: 250295
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Wanted: TH28 in mint shape. Offers to white_hae@csusys.ctstateu.edu
or white@sleepy.ctstateu.edu. 203-620-9178. 73 de N1QVE.

3802. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 18:39:47 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar21.103947.1@vax.sonoma.edu>
Source record: 250297

In article <3klmkk$k9k@news.bu.edu>, david@med-buspheb.bu.edu (David Gagnon) writes:
> Tom Speairs (tspeairs@intnet.net) wrote:
> : In article <3k7bdp$hm3@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) wrote:
>
> : One BIG feature, IMHO, is the $40 extended warranty on the RS handies. You
> : have to have experienced the pain ($$$) and aggravation (shipping, etc.)
> : of sending a japanese radio to the left coast to appreciate the "just drop
> : it off at any RS, anytime" service.
>
> This is very true. I returned 3 of them over a three month period before
> getting one that worked. I've had the last one for over a year now.
> They were embarassed as hell when I kept coming back, but they cheerfully
> replaced them all. Don't buy it without the extended warrantee.
>
> >David, N1QGK<

Or put your $40 into a radio that you don't have to return 3 times
to get one that works... In that way, you'll save some headaches.

Just a thought...

Ken
--

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

3803. Re: FET REPLACEMENT,B3016AMP

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 18:56:17 UTC
From: greg@core.rose.hp.com
Message-ID: <D5t0Lu.An7@icon.rose.hp.com>
Source record: 250298

Zack Lau (KH6CP) (zlau@arrl.org) wrote:
:
: 3. The lossy feedline to the antenna may determine the sensitivity
: of the system. This is why mast mounted preamplifiers work so well
: at UHF and above.
:

Actually, I didn't expect much from the pre-amp for this reason. It's basically "sucking air" - there's not much signal left to amplify by the time it gets down the cable. I was surprised, however, just how bad it ended up being. Still, having the pre-amp in the shape it's in now is better than with the fried transistor it had before (a ham swap purchase :-( ).

Greg.

3804. Re: 154.xxx MHz Frequencies - who uses them?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 19:22:49 UTC
From: jaminge@pb2esac.com
Message-ID: <1995Mar21.192249.10561@pb2esac.com>
Source record: 250299
Cross-posted to: alt.radio.digital,alt.radio.uk,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,uk.radio.amateur

If you want to know in detail, look for one of the books that
list that information. Radio Shack, among others, carries such
things. It's more than you ever wanted to know about the subject.

-73, John

--
John Minger KE6DTC "Society is like a stew. If you
Glendale, CA don't keep it stirred up, you get a
<jaminge@PacBell.COM> lot of scum on top." -Edward Abbey

3805. Re: newbie (me)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 19:56:01 UTC
From: nw2l@aol.com
Message-ID: <3knb0h$3n2@newsbf02.news.aol.com>
Source record: 250300

Hi Jay --

CQ Communications has produced a video to try to answer those very questions. It's called "Getting Started in VHF" and includes explanations of the most common features of various radios, pros and cons, etc. It's available directly from CQ at 1-800-853-9797. Cost is $19.95 + $4 shipping.

73,
Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos. Toll-free order line: 1-800-853-9797.

3806. Re: ARRL e-mail address ???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 20:00:48 UTC
From: nw2l@aol.com
Message-ID: <3knb9g$3p4@newsbf02.news.aol.com>
Source record: 250301

The ARRL's online contact person is Mary Carcia. Send your request to her (mcarcia@arrl.org) and she will forward it to the proper person or dept.

73,
Rich Moseson, NW2L
ARRL SM/NNJ

3807. Re: Satellites Programs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 20:10:48 UTC
From: nw2l@aol.com
Message-ID: <3knbs8$3ut@newsbf02.news.aol.com>
Source record: 250302

You can find general satellite info in such references as the "CQ Amateur Radio Almanac," the "VHF How-to Book" or the "Getting Started in Amateur Satellites" video, all available from CQ. You may also get, from a variety of sources, satellite tracking programs for your computer. AMSAT has the most popular ones (and if you're going to operate satellites, you ought to join AMSAT anyway). Then you can download up-to-date "Keplerian elements" from any number of online sites that give the programs the numbers to crunch to tell you where and when you'll find a specific bird.

73,
Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos. Toll-free order line: 1-800-853-9797.

3808. Re: FCC Tel

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 20:15:50 UTC
From: nw2l@aol.com
Message-ID: <3knc5m$41h@newsbf02.news.aol.com>
Source record: 250303

The FCC's Consumer Assistance phone # is 1-800-322-1117.

73,
Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos. Toll-free order line: 1-800-853-9797.

3809. Re: Illegal Call sign Usa

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 20:36:00 UTC
From: bill.kotarski@cmail.com
Message-ID: <9503212254491647l@cmail.com>
Source record: 250304

-=> Quoting Steven Howard to All <=-

SH> From: showard@ainet.com (Steven Howard)
SH> I need some opinions regarding a problem with someone using my call
SH> illegally.
SH>
SH> I had only suspicions at first (recieving QSL cards for HF contacts
SH> during periods of time I did not even have a station up) but then I
SH> received a letter from someone back in Minnesota (where I am
SH> originally from) telling me of their friend using my call but refusing
SH> to give either the guilty party or their name.
SH>
SH> I notified the St Paul FCC office with a copy of the letter and
SH> the other points of suspicion. I don't expect them to go out and
SH> find the pirate, but an acknowledgement with a form letter or card
SH> would have been nice. I only want to be covered in case they pull
SH> anything illegal.
SH>
SH> What else would you do?
SH>
SH> Steve Howard
SH> WB0SLT (now in CA)
Start keeping a log of The Date, time, Frequency you were using, and
The call of the station you were in QSO with. And The Mode you
were using. this gives you a record to fall back onto!

... Drop your carrier ... we have you surrounded!
___ Blue Wave/QWK v2.12

3810. Re: Phone of NEDA ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 21:26:07 UTC
From: rmackay@bud.peinet.pe.ca
Message-ID: <rmackay.32.0015701D@bud.peinet.pe.ca>
Source record: 250234

>If you know phone number or E-Mail of NEDA - "North East Digital Association",
>PSE let me know.

>73! de RX3DIN Victor

No phone number as its an amateur group newsletter Victor, but their address
is:
NEDA
Box 563
Manchester, NH
USA 03105

73 - Ron
VE1AIC

3811. Spam (Re: Considering a Surge Protector? Lydia's Spam Continues....)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 22:44:24 UTC
From: levin@bbn.com
Message-ID: <LEVIN.95Mar21174424@morpheus.bbn.com>
Source record: 250305

In article <3kesdg$adb@newsbf02.news.aol.com> lydiapolk@aol.com (Lydia Polk) writes:
>spam

Sorry, Jeff, but all the newsgroups in which I posted my 2-line notice about the availability of my article were appropriate newsgroups for this posting. . . .

>40 newsgroups

Jeff's implication here is that if there are 40 appropriate newsgroups out of 8,600, that it's not OK to post a 2-line notice about the availability
of my article to those 40. This is absurd on its face.

Due to the activities of certain commercial enterprises on the network, any message posted to more than 25 individual newsgroups is defined as spam and is likely to be cancelled by one or more of several agents on Usenet.

This is not related in any way to the content of the article, just the way in which it is posted.

This is important: note the difference between crossposting an article to N newsgroups (one copy is propogated, and most newsreaders will only show it to users once) vs. posting it individually to N newsgroups (N copies are propogated, and all newsreaders will show it to users in every group they are subscribed to that gets the article). In the latter case only, if N is 25 or more, your article will almost certainly be cancelled.

I have no comment on the content of the original Polk posting; but I want to make sure she and her respondent understand what is considered spam and what isn't.

/JBL KD1ON

3812. IPS Daily Report - 21 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 23:12:37 UTC
From: rwc@ips.oz.au
Message-ID: <3knmh5$fo1@flare.syd.ips.oz.au>
Source record: 250306
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 21/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 21 MARCH AND FORECAST FOR 22 MARCH - 24 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 20 Mar
Daily Proton Fluence >1 MeV: 8.2E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 3.4E+08 (moderate)
X-ray background: A6.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
22 Mar 23 Mar 24 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 22 Mar: 92/37

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 20 Mar
Learmonth 2 2211 1000
Fredericksburg 3 4
Planetary 5 6

Observed Kp for 20 Mar: 1111 3322
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
22 Mar 5 Quiet
23 Mar 10 Quiet to unsettled
24 Mar 5 Quiet
COMMENT: A slight increase in the level of activity is possible on 23
Mar due to a long-duration flare and disappearing filament late on 20
Mar.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
21 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
22 Mar normal normal normal
23 Mar normal normal fair
24 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
21 Mar 30 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
22 Mar 30 Near predicted monthly values
23 Mar 30 Near predicted monthly values
24 Mar 30 Near predicted monthly values
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3813. New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 23:15:25 UTC
From: billsohl@earth.planet.net
Message-ID: <3knmmd$mth@jupiter.planet.net>
Source record: 250307

I just noticed the new 2 meter mobile being offered by
Radio Shack (Model #HTX212, list $349.99). Power is
45 watts. Their ad on page 160 of April QST does not
indicate if the receive capability is strictly the 2m
ham band or if it has an extended receive capability.

At $350, it should be a pretty good buy when on sale.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3814. County database needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 23:16:11 UTC
From: depolo@red.seas.upenn.edu
Message-ID: <3knmnr$kai@netnews.upenn.edu>
Source record: 250308

Does anyone know of the existance and availability of a database that
would be able to cross-reference zip code to county, or cross-reference
city and state to county?
--
-=-=-=

3815. LOGic 4

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-21 23:44:00 UTC
From: werner.stern@factory.com
Message-ID: <34295.2965.uupcb@factory.com>
Source record: 250310

TO: ys@isr.harvard.edu

FROM: werner.stern@factory.com

YS>.@SUBJECT:LOGic 4
YS>.@N FROM :ys@isr.harvard.edu
YS>.@N MSGID :<3jkfq8$gd1@decaxp.harvard.edu>
YS>N Path:
YS>uupsi!psinntp!rebecca!newserve!ub!news.kei.com!newshost.marcam.com!us
YS>c!h
YS>owland.reston.ans.net! From: ys@isr.harvard.edu (Yuzuru Suzuki)
YS>Newsgroups: rec.radio.amateur.misc
YS>Subject: LOGic 4
YS>Date: 8 Mar 1995 14:43:20 GMT
YS>Message-ID: <3jkfq8$gd1@decaxp.harvard.edu>

YS>Hi, I am trying to decide whether I should buy PDA's LOGic 4 or
YS>AEA's Log Windows Version 2.0. I have some positive comments about
YS>Log Windows, and I would like to hear comments about LOGic 4 from
YS>current users. Thanks!

YS>73, Yuzuru Suzuki, AA1JA (e-mail: ys@isr.harvard.edu)
YS>

Hi Yuzuru

I've been using Logic since version 2 and have tried most others. I find it the most interactive and complete package you can find. They offer a demo copy for about $5 worth trying you can apply it towards the purchase. They have a great deal of additional bells and whistles such as all kinds of reports and configurations for various types of events and logs.

best 73's WB2JWB Werner

3816. Kenwood TS77

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 00:07:36 UTC
From: Milan.Bandur@mimi.g-box.fido.hr
Message-ID: <1f5_9311280420@g-box.fido.hr>
Source record: 250311

Hello All!

I have an offer to buy this handheld 2m/70cm dual band station. As I'm new to
the radio amateur world I don't know how good that handheld is.
Could someone discribe it to me, or give me an advice on the matter ?
How much it costs in your country ?

Greetings, Milan
--
| Fidonet: Milan Bandur 2:381/102.9
| Internet: Milan.Bandur@mimi.g-box.fido.hr
| Standard disclaimer: The views of this user are strictly his own.

3817. Re: need help with "power station"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 00:08:49 UTC
From: kc7fqd@primenet.com
Message-ID: <3knpup$o1b@news.primenet.com>
Source record: 250312

Mark Acierno <macierno@delphi.com> wrote:

>Hello, I have one of thoes battery "power stations" advertised in the back of
>various ham readio mags. (you know the $50 job) any way I moved a few months ago
>and lost the recharger--- does anyone know the spec. on the recharger???
>(i'de bet its 12v- but I just want to be sure!)
>

Mine came with a 15V recharger, sorry I don't remember the amperage
and I don't have it with me right now.

--
|Dennis Rice kc7fqd@primenet.net |
|KC7FQD Packet: |
|Northern Arizona University KC7FQD@N7CEE.AZ.USA.NA |
|Flagstaff, AZ NAU Amatuer Radio Club |
|Check out my homepage at: http://www.primenet.com/~kc7fqd/|
--

3818. W5YI on Ham Radio & More

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 01:09:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8610.545@acenet.com>
Source record: 250314

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

LW>Do you want to know the full scoop on Fred Maia's new petition to
LW>the FCC? Are you curious about the new vanity callsign program? How
LW>does Electronic Filing work? Want Fred's opinion on these or other topics;
LW>then tune into the Ham Radio & More show

Can't! It's not on in DC!

 SLMR 2.1a Practice DELIBERATE kindness and unselfish acts of love!

3819. Re: FCC Reprimands K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 01:09:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8608.545@acenet.com>
Source record: 250315

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

RR>K1MAN obviously must have some personality trait different
RR>from many of us if he need to broadcast the material that he
RR>does and in the manner he does.

RR>I have always thought that he wishes he could be elected an ARRL
RR>Director and have some important role in amateur radio as he
RR>seems to be looking to make himself and IARN as important as the
RR>ARRL is.

RR>Unfortunately his heavily opinionated broadcasts with barely a
RR>minimal factual informational basis clog up the airways.

RR> 73, Bob, WB2DIN

(i.e.) "Nag, whine, nag, whine, nag, whine ad nauseum!

SLMR 2.1a Practice DELIBERATE kindness and unselfish acts of love!

3820. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 01:09:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8609.545@acenet.com>
Source record: 250316

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

JL>Here's an excellent case that shows why we no longer have as many, if any,
JL>local ham/electronic supply stores. Granted, even in the late '60s, the one
JL>that I used to patronize made their big money off the broadcast and TV
JL>stations in the area, but this also meant one-stop shopping when we needed a
JL>tube or capacitor. They sold ham gear as well.

Uh Jim, we have 5 or 6 in the DC/Baltimore area alone!

SLMR 2.1a Practice DELIBERATE kindness and unselfish acts of love!

3821. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:11:28 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD5tKr5.L07@netcom.com>
Source record: 250317

I've occasionally found contests a good supply of people to do brief
QSOs with, as a test of my radio equipment.

3822. APRS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:26:20 UTC
From: dwhansen@inx.net
Message-ID: <3ko21b$t52@ixc.ixc.net>
Source record: 250318

Does anyone know of an FTP site for the latest version of APRS? I beleive it is ver. 67. It kills me to call the BBS in 410 area code and download at 1200 baud.

Thanks

D.W.Hansen
n2lzx
dwhansen@inx.net

3823. 154.xxx MHz Frequencies - who uses them?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:31:18 UTC
From: bsplaine@sr.hp.com
Message-ID: <3ko25m$ocn@canyon.sr.hp.com>
Source record: 250319

I don't know about your location, but here in my county our local Fire D
and police depts use 154.xxx. There are freq's above and below this that
are also used by agencies. Radio Shack's locally have repeater freq's
that they give away with scanner purchases... I have never had a problem
getting one if asked... Some places sell local compilations of freq's of
interest.
Gudluk, Bill
--
/\/\/\

3824. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:37:08 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <3ko2gk$osl@gorgor.pa.tetherless.com>
Source record: 250320

rdonnell@mail.eskimo.com (Robert Donnell - KD7NM) wrote:
>

.. bunch of stuff deleted...
>
> So when will Socal and Norcal (RF hotbeds that they are) lead the way
> into the next generation of repeaters? Assuming that they don't just
> jump right over this stop and move on to spread spectrum...
>

Actually, there has been a SEA ACSB repeater in the Los Angeles area for
about a year or two now. With this mode being only supported by
two manufacturers that I know of, the availability of used equipment
is a bit slim, and hams are the cheapes.. er.. most frugal people
on the planet.

While there are some hams in California that are playing with SS
digital systems, (under STA, because the FCC now prohibits
the use of most, if not all SS systems from being used under your
ham license due to the speading techniques and codes now employed)
the main reason that you don't see this for voice is the poor
process gain that most SS systems have. A narrowband signal inside
the SS modulation envelope will result in dropouts of the signal...
not a big problem when your're sending something such as a file,
but a big problem with voice, where there's no "try it again"
protocol.

Once SS systems fully mature, I'm sure the hams will start using it
for non-data modes, but in the meantime, it's a data-only mode.

Someday, the ACSB systems will also be more available. So far,
ACSB has not lived up to it's promise of being this big-time
replacement for FM. It's a good mode, but for some reason or
another, it just hasn't taken off. Hopefully it's use in the
220 MHz band will spur some of this on, I'd sure like to see it.
It's been around for what, 12-15 years, and still somewhat in it's
infancy.

Mark
KD6KQ

3825. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:37:14 UTC
From: w5gyj@primenet.com
Message-ID: <w5gyj.10.01D9F454@primenet.com>
Source record: 250321

In article <9503170605594.The_Win-D.rickmcm@delphi.com>
rickmcm@delphi.com (Rick McMillion) writes:

>Now wait a minute. Nobody ever said those Radio Shack wattmeters were real
>accurate. I'm sure the guy was getting 10 watts out. I heard one guy claim 12
>watts output.

>Rick, WB7UGZ

There's a little-known relationship in Electromagnetics (known as Roach's Law)
that states that one must *never* use a Radio Shack wattmeter to measure
the output of a Radio Shack transmitter. (Is it 01 April yet?)

Jim, W5GYJ

3826. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:44:21 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar21.184421.1@vax.sonoma.edu>
Source record: 250322

In article <garryrD5r0sK.BI2@netcom.com>, garryr@netcom.com (Gary Ricketson) writes:
> Lets give a worse case scene , you and your kids are out bicycleing
> in a rurual area , a truck accidently hits one of your kids ,
> there are no phones or houses near by , your kid is dieing ,
> but you have a hf rig , just about the time you are going to give

Oh yes. I carry my HF rig on my bicycle ALL the time, don't you? Yep, got my FT-1000 right up there on the handle bars so I can work bicycle mobile and not have to take my eyes too far off the road to become dangerous... Yeah, right.

The problem with your example is any HF rig you are going to have on a bicycle is inherently going to be of some sort of QRP operation so not all stations are going to hear your signal before they start to operate on your frequency. It is the luck of the draw with such a station. It isn't someone else's fault that the equipment you decide to carry on a bicycle outing isn't the best equipment for the situation or intended use. If you want reliable communications for possible local emergencies, carry a radio intended for local use. 2 meter FM comes to mind... Cell phone also comes to mind.

Ken
--

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

3827. Re: Installing PL encoder in TS700S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 02:47:40 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <3ko34c$osl@gorgor.pa.tetherless.com>
Source record: 250323
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

knight@sol.rtsg.mot.com (Paul Knight) wrote:

> Does anyone have any words of wisdom when installing an external (e.g.
> Comm Spec) PL board in a Kenwood TS700S 2M all-mode rig? I know
> where to inject the signal, etc.

Stuff deleted..

> Paul
> WD8DKY
>

I did one a few years back, just did the "Old standard" job of
wiring it directly to the wiper of the deviation pot.

Good Luck

Mark
KD6KQ

3828. VEC/VE EXAMS & CLASS'S SOCAL MARCH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 03:03:14 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD5tn5E.HMy@netcom.com>
Source record: 250324

TO THE AMATEUR RADIO COMMUNITY OF SOUTHERN CALIFORNIA......

THE LATEST EXAM AND CLASS LISTING FOR "1995" [rev MAR 05,1995....]

COMPILED & ORIGINATED by me,KB6AXK,continuously since the
start of the VEC/VE PROGRAM in 1987.
ARRL Affiliated Club Coordinator /SW/LAX.....

SITE/WHERE? TIME PHONE/S SPONSOR/CLUB/VEC CLASS/AVAIL?
---
29 PALMS AM 619-367-1583 GLAARG/VEC ASK ???
ADELANTO AM 619-244-1396 GLAARG/VEC ???
ALTADENA ?? 818-585-7038 W5YI/VEC
ANZA AM 714-763-4541 GLAARG/VEC ???
714-763-2323 W5YI/VEC
AM 909-763-4447 GLAARG/VEC
ANAHEIM 1500 714-776-8486 W5YI/VEC NO
???? 714-778-1542 W5YI/VEC-N6XKY ???
714-779-0456 W5YI/VEC
0900 310-691-1514 W5YI/VEC NO!
1700 714-891-3868 ARRL/VEC//ARTS ASK ?
1700 714-895-3345 ARRL-ARTS ???
APPLE VALLEY AM 619-240-2025 GLAARG/VEC NO!
0830 619-240-4546 VVARC/ARRL/VEC ASK ?
1900 619-244-4601 SBCF/ARRL/VEC ???
AGOURA HILLS 1100 818-349-5583 ARRL/VEC ???
ATASCADERO 0900 805-238-2950 PR/ARC/ARRL/VEC ???
AZUSA 0900 818-812-1337 or 2337 ? ARRL/VEC ???
BAKERSFIELD 1830 805-328-5055 KCCV/ARC/ARRL/VEC ASK ?
BARSTOW 0800 619-252-2136 ARRL/VEC ???
BEVERLY HILLS 1630 714-537-8728 ARRL/VEC ASK ?
1600 310-459-0337 ARRL/VEC ASK
?? 818-500-1440 W5YI/VEC
BIG BEAR 0900 909-585-5069 BBARC ???
BIG BEAR LAKE AM 909-866-8944 GLAARG/VEC ASK
???
BORREGO SPRINGS ??? 619-767-5687 W5YI/VEC
BREA 0900 310-691-1514 W5YI/KD6DA NO!
BURBANK 1900 818-703-4256 ARRL/VEC ???
AM 818-349-0927 KE6AR/TOM/LERC/ARC ???
CAMARILLO 0830 805-484-4461 SMRA/ARRL YES
0830 805-486-7619
0830 805-388-2488 SMRA/ARRL YES
?? 805-486-7629 KC6JLW ???
CANOGA PARK ??? 818-883-5257 W5YI/VEC

CARDIFF BY THE SEA ? 619-436-1013 W5YI/VEC
CARLSBAD ???? 619-747-5872 SANDARC/VEC ASK ?
CARSON 1400 310-549-4924 G/VE NO
213-835-8237
1400 213-830-0242 SURN ???
310-539-5040 CARSON DCS ASK
??? 213-834-1669 W5YI/VEC
??? 310-324-3518 W5YI/VEC
CATHEDRAL CITY 1900 619-321-2775 SE/ARC ASK?
619-322-1214 GLAARG/VEC
CHINO ???? 714-597-2249 W5YI/VEC
CHULA VISTA ???? 619-428-8418 SANDARC/VEC ASK
COLTON 1730 909-685-6073 ARRL/VEC ASK ?
1730 909-825-7136 ARRL/VEC ASK ?
CORONA 1700 909-735-0284 C/N ARC ASK ?
0900 909-279-5447 ARRL/VEC ASK
???? 909-737-9769 CNARC/ARRL ASK ?
COSTA MESA ???? 714-549-5000
714-642-6568 W5YI/VEC
714-979-2633
CULVER CITY 1900 213-450-7890 BHARC/VE/ARRL ???
AM/PM 818-559-2572 N3BKV/ARRL/W5YI ASK ??
1900 213-292-6423 BHARC/ARRL/VEC ???
PM 310-459-0337 K6PYP/ARRL/W5YI ASK ?
310-292-2183 BHARC/ARRL
?? 714-373-6077 KM6MQ/WALT ???
DOWNEY 0830 310-923-5598 DARC/ARRL/W5YI YES
EL SEGUNDO 1100 310-336-6340 AEA ARC ASK ???
1100 310-336-0274 AEA ARC ASK
EL TORO PM 714-951-0336 SOARA ???
ESCONDIDO ???? 619-747-7850 SANDARC/VEC ASK
FALLBROOK 1830 619-723-0459 KK6EX/K2VIC/W5YI ASK
FREMONT 1430 213-454-7121 ???? ???
FONTANA 1230 909-829-8837 F/RACES/TEAM ASK ?
1300 909-823-0634 ARRL/VEC ???
0800 909-391-4254 ARRL/VEC,IE/ARC ASK ?
1200 909-823-6818 FARA/ARRL/VEC ???
FOUNTAIN
VALLEY AM/PM 714-538-7081 WCARC ???
???? 714-775-6095 ????
???? 714-846-6984 ARRL/VEC-WCARC ????
1800 714-778-1542 WCARC/ARRL/VEC ASK?
???? 714-775-1305 W5YI/VEC
???? 714-775-4816 W5YI/VEC
FULLERTON/
ANAHEIM 0900 310-691-1514 FRC/EXAMS/W5YI/VEC
1900 714-879-6895 FRC/CLASS'S YES
GARDEN GROVE 1400 714-891-3868 FOSTER ASK ?
0900 714-534-8633 W5YI/WA6YNT ASK ?
1800 714-971-3448 W5YI/VEC ASK

1300 714-638-4057 W5YI/VEC
???? 714-537-4930 W5YI/VEC
???? 714-537-8728 W5YI/VEC
???? 714-893-0264 W5YI/VEC ASK
???? 714-968-7082 W5YI-AA6DZ ???
GLENDALE ???? 818-248-2967 CVARC YES
818-247-1126 CVARC YES
1830 818-449-3790 PRC/ARRL/VEC ASK ?
???? 818-559-2572 W5YI/VEC
GLENDORA ???? 818-335-1127 W5YI/VEC
818-963-1965 W5YI/VEC
HARBOR CITY ???? 310-325-2965 W5YI/VEC
HAWTHORNE 0900 213-778-4625 LA/ARC/ARRL/VEC ???
1100 213-600-3552 NRC/W5YI ???
HEMET AM 909-925-3502 GLAARG NO
???? 909-927-2840 VALLEYWIDE ? ASK
HESPERIA ?? 619-241-4732 GLAARG/VEC ???
1900 909-883-4082 W.SCHOLFIELD ???
???? 619-947-5381 W5YI/VEC
???? 619-947-3934 W5YI/VEC
HESS PARK RPV AM 213-644-2271 GLAARG ???
HUNTINGTON BEACH ?? 714-846-6984
714-847-6370 W5YI/VEC
714-968-7082 W5YI/VEC
HUNTINGTON PARK ?? 213-585-2782 W5YI/VEC
IMPERIAL ?? 619-344-4158 IVARA ???
IMPERIAL BEACH ?? 619-984-4304 W5YI/VEC
INGLEWOOD 0900 714-621-5001 LAARC ASK ???
213-518-4134
213-293-7715
AM 213-778-4625 LA/ARC ASK ?
IRVINE 0900 213-691-1514 CLARA ???
0830 714-824-8477 UCI ARC/ARRL NO
???? 714-854-4237 W5YI/VEC
LAKE ELSINORE 1000 909-678-2147 GT/ARC ASK ?
???? 909-244-3630 GTARC/ARRL/VEC ASK
LAKE ISABELLA 1900 619-379-2947 KRV/ARC/ARRL/VEC ???
LA CRESCENTA ???? 818-248-2967 CVARC/ARRL YES
818-247-1126 CVARC/ARRL YES
310-256-2904
LA/ORG CO AM/PM 714-549-5000 GWRS YES
LA/ORG CO AM/PM 714-979-CODE N6CIO YES
LA PUENTE ???? 818-336-1909 W5YI/VEC
818-336-7227 W5YI/VEC
LA VERNE ???? 714-596-9383 W5YI/VEC
LAGUNA BEACH ???? 714-495-8640 W5YI/VEC
LAGUNA HILLS ???? 714-951-0336 W5YI/VEC
LANCASTER 0900 805-948-1865 ARRL/GLAARG YES
LOMA LINDA AM 909-796-0065 GLAARG ???
909-825-8341 GLAARG ASK

909-925-8341
909-825-5341 GLAARG/VEC
LONG BEACH 1000 714-538-8711 ARRL/VEC ???
1000 714-897-6331 CAVE/W5YI ???
1000 714-847-6370 W6LRF
1000 310-592-1713 CAVE/W5YI ASK?
0900 310-431-8998 ARALB/ARRL/KN6EC ASK ???
0900 310-420-9480 GLAARG/NN6Q ???
0900 310-431-3488 ARRL/KN6DB ASK?
LOS ANGELES AM 213-748-0713 SSARO ???
NOON 818-761-6751 BI/ARC ???
1400 213-830-0242 LA/ARC ???
1300 213-834-3674 LA/ARC ???
310-988-0907 LA/ARC ASK ?
310-988-0415 LA/ARC ???
1330 310-435-5345 LA/ARC ASK ?
1000 213-758-6343 VAN NESS PARK/ARRL ASK
1130 818-904-1452 LACARV/ARRL ASK ?
1400 310-459-0337 VA/ARC ???
1500 818-386-1159 ARRL/VEC ASK ?
???? 213-662-2820 W5YI/VEC
???? 213-225-7015 W5YI/VEC
???? 213-254-2076 W5YI/VEC
???? 213-641-7851 W5YI/VEC
LOS OSOS 0900 805-528-0647 ESTERO ARC/ARRL VEC ASK ?
0900 805-528-0694 ESTERO ARC/ARRL/VEC ASK ?
MALIBU(HANDICAP ONLY) 818-780-5443 GLAARG/VEC
MALIBU 1630 310-459-0337 PASCAL/ARRL/VEC ASK ?
MANHATTAN BEACH 0900 310-328-0817 SOBAY ARC ???
213-318-6990 W5YI/VEC
MARINA DEL REY 1900 714-537-8728 ARRL/VEC ???
MISSION VIEJO PM 714-951-0336 SOARA+W5YI NO
MONROVIA ???? 818-301-9565 W5YI/VEC
MONTCLAIR 1830 909-983-1272 W5YI/VEC YES
909-597-2249 STEVE CULIHE YES
909-626-8579
MONTROSE ???? 818-248-2967 CVARC YES
818-247-1126 CVARC YES
MOORPARK ???? 805-529-2645 W5YI/VEC
MORENO VALLEY 1000 909-849-7822 MVARA ???
909-924-6918 GLAARG/VEC
NEWHALL ???? 805-259-8410 W5YI/VEC
NEWPORT BEACH AM/PM 714-960-6973 SOCATT ???
N.HOLLYWOOD 1900 818-548-8633 PNP GP ASK ?
NORTHRIDGE AM/PM 818-780-5443 SFVARC/GLAARG/VEC YES
NORWALK AM 310-921-0134 ARRL/VEC ASK?
ONTARIO 1030 818-810-0442 ARRL/VEC-KM6LO YES
0800 909-391-4254 IE/ARC/ARRL ASK ?
???? 714-923-9578 W5YI/VEC ???
OXNARD ???? 805-983-1121 W5YI/VEC

1600 818-999-3452 4SQ/RAY-ARRL/VEC ???
ORANGE ???? 714-538-0203 W5YI/VEC
???? 714-838-3180 OARC
NOON 310-598-0086 78/ARC-AA6NA ASK?
NOON 714-632-8332 78/ARC-KO6HY ASK ?
PALM SPRINGS 0900 619-564-2655 CVARC ???
??? 619-322-1214 GLAARG ???
1900 619-321-2775 ARRL/VEC/KC6JPH ASK ?
PALMDALE 1900 805-264-1279 AV/ARA ASK
NOON 805-285-4827* L.WINTERS ASK
PANORAMA CITY ???? 213-891-7122 W5YI/VEC
PASADENA 1830 818-449-3790 PRC/EXAMS YES
818-502-7555 NOV/TECH CLS YES
818-354-9223 GEN CLASS YES
1615 818-354-4564 JPL/ARC ???
1615 818-447-8475 JPL/ARC ???
0900 818-244-2763 ER/ARC/ARRL/VEC ASK ?
PASO ROBLES PM 805-239-3180 ARRL/VEC ASK?
0900 805-238-2950 PR/ARC/ARRL ???
???? 805-466-6915
POMONA 1300 909-620-2089 T/C ARC/ARRL/VEC ASK
POWAY ??? 619-679-0794 W5YI/VEC
RAMONA ??? 619-789-1070 W5YI/VEC
RANCHO PV AM 310-644-2271 GLAARG ???
REDONDO BEACH 1830 310-328-0817 2128H BAY ARC ???
RIALTO 1300 909-883-4082 RACES/ARRL/VEC ???
???? 714-823-7158 W5YI/VEC ASK
1300 909-867-9599* RACES/ARRL/VEC ???
1300 909-867-9270 RACES/ARRL/VEC ASK ?
RIDGECREST 0900 619-375-7245 SARC/ARRL ???
RIVERSIDE AM 909-780-2680 GLAARG ???
909-688-2985

SAN BERNARDINO AM 909-864-2656 CBARC/ARRL/VEC YES
AM/PM 909-425-7275 CBARC/ARRL/VEC YES

SAN DIEGO AM/PM 619-465-EXAM SANDARC/VEC YES
1900 619-222-4043 SD/YACHT CLB AR GROUP
0800 619-470-1238 OECA/ARRL/VEC ???
???? 619-563-8414 W5YI/VEC
???? 619-575-5222 W5YI/VEC
???? 619-295-5822 SANDARC/VEC ASK
SAN JACINTO AM/PM 909-654-2140 KM6AY YES
SAN LUIS OBISPO 0900 805-528-0703 EARC ???
805-528-2934
805-528-0647 EARC ASK?
SAN PEDRO 1330 310-325-2965 URAC/W5YI YES
SANTA BARBARA/ 0830 805-682-2665 SBARC ???
GOLETA 805-488-4393
AREA 805-966-6620
805-962-3304 SBARC ASK ?

???? 805-583-3805 AA6MX ???
0900 805-969-2326 KF6DI ASK ?
???? 805-682-2665
SANTA ANA 1830 714-835-5381 OC/RED CROSS ???
1830 714-971-3448 OC/RED CROSS ???
?? 714-531-5446 W5YI/VEC
?? 714-667-0657 W5YI/VEC
SANTA CLARITA AM 818-884-8030 GLAARG ASK?
SANTA MARIA 0800 805-922-8509 SMARC/CCVEG ???
AM 805-929-3710 GLAARG ASK?
AM 805-922-0538 CC/ARRL/GP ASK ?
SANTA MONICA AM 310-398-8538 GLAARG/VEC ???
?? 310-398-6538
SANTEE ???? 619-446-8219 SANDARC/VEC ASK
SAUGUS 1400 818-348-4457 ARRL/VEC ASK?
SHERMAN OAKS ?? 818-905-3229 W5YI/VEC
SIGNAL HILL 0830 310-420-9480 GLAARG/VEC YES
SIMI VALLEY 1900 805-526-7343 SSARC/ARRL ???
PM 805-526-5277 CVARC/AB6KS YES
?? 805-526-4956 W5YI/VEC
1930 805-522-4156 SSARC/ARRL ASK
STUDIO CITY ?? 213-650-7233 W5YI/VEC
SUN VALLEY ?? 818-771-0756 W5YI/VEC
TARZANA ?? 818-344-8334 W5YI/VEC
TEHACHAPI AM 805-822-6128 SSARS ???
TEMPLETON 1930 805-466-6915 PRARC ???
THOUSAND OAKS 0900 805-484-3309 CVARC/ARRL ASK???
0830 805-375-1385 CVARC/ARRL ASK ?
???? 805-499-6134 WP6C ???
TORRANCE 1400 213-835-8237 AB6AA ???
0900 310-328-0817 WB6MYD/SB ARC/ARRL ASK?
1800 310-372-0175 ARRL/VEC/SARC ASK?
VAN NUYS AM 818-702-0246 SFVARC ???
PM 818-780-5443 GLAARG/VEC
?? 818-989-7462 W5YI/VEC
VANDENBERG AFB AM 805-929-3710 GLAARG ???
VENTURA 0900 805-942-0077 GSRH ???
?? 805-658-6345 W5YI/VEC
VICTORVILLE AM 714-279-5447 WILLIAMS ASK ?
VISALIA AM 209-734-9516 GLAARG ???
WEST COVINA PM 818-969-4029 SCATS ???
WESTMINSTER 1300 714-638-4057 W5YI/MARA ASK?
?? 714-283-2571
?? 714-892-0651 W5YI/VEC
WHITTIER PM 310-947-1356 RHARC/ARRL YES
WOODLAND HILLS PM 818-348-4457 ARRL/VEC ASK?
YUCAIPA ?? 714-795-4959 W5YI/VEC
YUCCA MESA ?? 619-367-1583 GLAARG/VEC ASK?

!?!?!?

3829. Re: Help: with automobile RFI problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 03:19:26 UTC
From: dts@peanut.senie.com
Message-ID: <3ko50h$3vv@nic.iii.net>
Source record: 250325

In article <pW-4+vp.brunelli_pc@delphi.com>, <brunelli_pc@delphi.com> wrote:
)
)
)I am having the following noise problem with a mobile installation.
)Any suggestions regarding finding or eliminating the problem would
)be greatly appreciated. The car is a 1991 Isuzu Trooper and the
)rig is a Ten Tec Triton 4, and a Kenwood ts430. The antenna is an
)Outbacker Perth mounted on the spare tire carrier on the rear door.
)
)I get a s5+ static noise while the engine is running.
)It goes away when the antenna is disconnected.

Noise is entering through the antenna, not the power cord. Not unexpected.

)It does NOT change pitch or volume with load or RPM.

Then it is not likely related to ignition. Your ignition system would sound
different at different speeds.

)I have grounded the hood, engine, rear door, exhaust, and radio.
)I have not received interference from passing vehicles.
)
)It seems that the noise is related to the ignition system
)and i am checking with Isuzu regarding resistor wires or
)shielded wires.
)

I suggest you figure out where your fuel pump is. It's probably electric,
and probably in your fuel tank. This is unfortunately very near your
antenna.

Here's a test that works on some vehicles:

- with the car turned off, turn on the radio.
- turn the key to the power on position, but do NOT start
- do you hear the same S5 noise for a few seconds?

Some vehicles enable the electric fuel pump when the power is turned on,
and then if you don't start the car, will kill the pump again. The idea
is to pressurize the fuel line. Nissan vehicles exhibit the above. It's an
easy way to determine when you've tackled the fuel pump noise, as well.

I'll give Ed Hare an unabashed plug here... get the ARRL book, Radio
Frequency Interference, How To Find It and Fix It. It has a very good
section on automobile RFI.

Dan N1JEB
--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

3830. Information on Larsen Thru-the-glass 440 antenna?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 03:22:04 UTC
From: furuta@cs.tamu.edu
Message-ID: <3ko54s$kk6@news.tamu.edu>
Source record: 250326

I would be interested in hearing of any experiences people have had with Larsen through-the-glass 440 antennas (or for that matter with any of the Larsen line of through-the-glass antennas). I *do* already have experience with the Antenna Specialist antennas. (Any other brands of 440 induction antennas that people like/hate?)

Thanks.

--Rick
KE3IV

3831. Re: UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 03:32:56 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3ko5p8$qds@coranto.ucs.mun.ca>
Source record: 250327
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Bill Meahan (wmeahan@ef0424.efhd.ford.com) wrote:
: dbushong@wang.com (Dave Bushong) wrote:
: >
: >In this month's Wordradio, page 15, there is an article about a
: >UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
: >FT-470.
: >

: Looks like April 1st has come a bit early this year :-)

: 73 de wa8tzg!

Must only work on an air-borne virus though :) Wonder if it works on HF too.

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

==========

3832. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 04:18:05 UTC
From: carndt@netcom.com
Message-ID: <carndtD5tqM5.9D4@netcom.com>
Source record: 250228

In article <D5r90o.5Fw@ainet.com> showard@ainet.com (Steven Howard) writes:
[good information deleted]
>
> From the experiences I had though, I would recommend you
>learn as much as you can about the process and find (if possible)
>a knowledgable DMV clerk as I usually need to explain the
>difference between Amateur and Vanity plates to the clerk. Vanity
>plates ARE expensive. good luck.
>
>
When my Dad inquired at DMV about amateur plates, he was given
the wrong information.

I copied the relevant section from the vehicle code and he took it the
next time to show the clerk. Worked great!

By the way, have you seen (in photos or on TV) police cars, busses (?)
etc. with unit IDs on the roof. Dad put his callsign plates on their
motorhome. Then he got some 12" or so black vinyl adhesive letters and
put his call on the ROOF of the motorhome.

He reasons that if it ever gets stolen, or if we really need to find them
on the road, the call will be easily spotted fom the air.

Chris KD6DSI

3833. Portland VE tests...Help!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 04:22:54 UTC
From: falcon@pacifier.com
Message-ID: <3ko8n0$pf6@news.pacifier.com>
Source record: 250229

I'm looking for a test site, date and time. If anyone knows when and
where please e-mail me...thanks
Andy KB7VTY

--
---
pacifier.com - Vancouver's Public access Internet (206) 693-0325
telnet or dial the above and type "new" at the prompt to register

3834. Timewave DSP 9+ or MFJ DSP filter ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 04:23:16 UTC
From: SYJERRY@duq3.cc.duq.edu
Message-ID: <3ko8nk$mh5@godot.cc.duq.edu>
Source record: 250230
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Subject: Timewave DSP 9+ or MFJ DSP filter ?
Newsgroups: rec.radio.amateur.equipment,rec.radio.amateur.misc
Newsgroups: rec.radio.amateur.digital.misc
Summary:
Keywords:
X-Newsreader: TIN [version 1.2 PL2 [VAX/VMS]]

I am planning on buying a DSP filter for use mainly with QRP CW.
I will get a rig capable of ssb in the near future.
data mode (rtty, amtor, etc) probably won't do for a while.

which one do you recommend that I buy ? the Timewave DSP 9+
cost $200, the MFJ DSP cost $220.

the MFJ seems to have a lot more features than the Timewave.
and MFJ got good reviews about it noise reduction features.
how good is the Timewave unit in reducing white noise, and
the crashing noise I have been hearing lately on 40M cw ?

also what does the Timewave DSP 59+ do over the 9+ except for
being a knob happy ham's delight ?

For owners of these units, I'd like to get your comment about
your likes and dislikes.

please email replies if possible
thanks

73 de jerry
AA3KN

3835. Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 04:33:03 UTC
From: drranu@holly.ACNS.ColoState.EDU
Message-ID: <3ko99v$1q2c@yuma.ACNS.ColoState.EDU>
Source record: 250231

I noticed that the Kenwood TH-79A/D's and TH-28A's have
the dreaded "...complies with part 15 of the FCC rules..."
sticker on them. Is this because of the computing devices
in them? If so, then would not all microprocessor controlled
radios necissitate this sticker? I was under the impression
that we were under soley part 97. Maybe I am wrong, some
one set me straight and explain this one please.

Thanks for your time!

--
-Emarit drranu@holly.ColoState.EDU

KG0CQ _.._ __. _____ _._. __._

3836. Re: Ham Radio Callbook via Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 04:44:21 UTC
From: Dale Castle <dbcastle@gibbs.oit.unc.edu>
Message-ID: <Pine.CVX.3.90.950321234331.19697G-100000@gibbs.oit.unc.edu>
Source record: 250232

```
telnet cs.buffalo.edu 2000
```

3837. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 04:45:15 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD5trvF.2xu@netcom.com>
Source record: 250233
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

****
Mr. Jay Hoffman, KA5OST, who is a friend of mine and a long time Radio Shack manager asked me to post his comments and a copy of the comments made to him by Mr. Gerald Schmitt. Jay's compuserve address is plainly shown below. Please correspond with him if you have any other questions.
****

Return-Path: <74056.1524@compuserve.com>
Date: 21 Mar 95 18:52:26 EST
From: "Jay M. Hoffman" <74056.1524@compuserve.com>
To: Joe Jarrett <joejarre@netcom.com>
Subject: Please post

Please post this to rec.radio.amateur.misc

To Whom It May Concern:

Note the dates!

As it turns out, Gerald Schmitt (ggs@aerie.lanl.gov) bought a 2006 on August 26, 1994, during a 0% Interest, No Payment until 1995 promo. He did have it paid for by January 1995 (in the allotted time). His eloquent letter was dated March 11, 1995, about three months after he had paid the bill. He compalained to the credit depatment on March 13, 1995, two days after accusations. Right or wrong, Radio Shack immediatley reversed the $6.97 that he was upset about. I don't expect Mr. Scmitt to apologize but I wanted to set the record straight - he was taken care of immediately and his letters are out of line. Thank you.

Jay M. Hoffman, Radio Shack 01-8085, 2501 W. Parmer Lane, Ste. 100, Austin, TX, 78727-4223, 512-835-9550, FAX 512-835-9509 Radio Amateur KA5OST, Radio Shack since 1979, Senior Manager, Leaders Club Member.

3-21-95:Gerald Scmitt writes:

Mr Hoffman,

A couple of suggestions for you. Get your facts before accusing anyone. I did not let the contract go past the time limit and thus buy myself some interest. I know what the plans and the rules are.

Put a disclaimer on your mail I thought you represented Tandy management and was my flame thrower ever ready. A quick call to corporate HQ led me to the store where you apparently are a sub-manager or sales driod or something. The attitude you display is the very attitude that keeps a lot

of people out of the Shack.

As to your comments about the scanner it is OK but not that special. My old 2004 has a lot less RF leakage and the Icom R-100 puts it in the toilet in performance. I bought it to work pacsats (packet satellites) with but found a better solution in the Icom-281 so I will sell the thing.

I will do you the favor of not forwarding your post further than to the store manager although Fort Worth was interested in seeing it. Oh by the way I am not in the least embarassed but any of my posts.

3-21-95:Gerald Scmitt writes:

I don't know quite who Jay M. Hoffman is but perhaps he would be interested in the facts. I bought the scanner on plan #15 six months 0 interest. During the six months I also purchased some other things. I made it a point to pay every month enough to cover current purchases and pay on the scanner. Many months the statement said nothing due but I always paid anyway. As I understand the RSVP card agreement if it is paid in full each month no interest accrues. Since I paid the last in first out each month plus covering the scanner I should have owed no interest. Instead I was charged interest on the entire ballance.

I wasn't particularly mad about it. I did find the same thing had happened to a number of hams locally by asking questions on the local nets. My post was intended as a "heads up" to buyers intending to take advantage of the 0 percent interest deals. I performed as per the conditions of the credit promotion Tandy Bank did not.

Upon rereading your letter Mr. Hoffman I am now mad. If you are associated with Radio Shack your response is very poor. Perhaps your new slogan should be: "You question us, we get an attitude."

I would greatly appreciate it if anyone could provide me with the Tandy HQ phone number I think it is time to talk to the folks.

--

```
*************************************************************************
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
*"""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""*
* These are my ideas alone. Don't blame anyone else! *
*************************************************************************
```

3838. Re: FT-51R DTMF decode? how does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 06:24:13 UTC
From: conklic9391@cobra.uni.edu
Message-ID: <1995Mar22.002414.40518@cobra.uni.edu>
Source record: 250235

In article <3kmije$u9@ecom2.ecn.bgu.edu>, mudaw@uxa.ecn.bgu.edu (David A. Webb) writes:
> Concerning the FT-51R, It has some sort of a DTMF decoder.
> I am trying to find out if it has the capability to decode
> DTMF tones, that are not a series of three, separated by a *, and
<<stuff vacuumed into cyberspace>>
> OR, another idea, if someone used the autopatch on the local
> repeater, can the 51R decode the phone number being dialed?
>
> Please let me know how this thing works.
> Thanks,
> Dave

I was told something like this, which was only partially correct. It will decode a whole string of DTMFs, up to (I think) around 20. Unfortunately it only will do this if the string begins with a # and ends with another #. It is part of the message sending part of the radio, which if you look at pages 48-53 of the english part of the manual.
It does make a good diagnostic tool for testing other TT encoders, but if you cannot control the content of the DTMF strings a lot of good the feature is...
Also- remember the radio does a 2-digit routine for the symbols and letters (so 2A is "a", and 2B is "b", etc.) I can see this being troublesome for some strings that mix all 16 tone pairs.

So to the second question- not likely. Unless your repeater a)passes touchtones (I think I know about 3 left in the whole darn country that don't mute 'em!) and b) the sequence starts and ends with a #, you're outta' luck.

Too bad Yaesu didn't make the radio so it decodes anything/everything that It hears, would save me from building/buying another box on my service monitor to decode TTs. Otherwise, luv the radio!

73
==========
Christopher Conklin
Public Policy Masters Student: University of Northern Iowa
Net:Conklic9391@uni.edu

Amateur Radio voice: 444.650Mhz n0pav/rpt
Amateur Radio packet: n0pav-1@ko0x-1.ia.usa.na

==========

3839. W5YI on Ham Radio & More

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 07:41:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950322040019568@digcir.cts.com>
Source record: 250236

Much taken out
LW< show airs live at 6:00pm EST on the Talk America Network in 32 cities
LW< and via satellite on spacenet 3, transponder 9, 6.8 audio. For more info,
LW< call 602-241-1510. The listener call-in number is 1-800-298-8255.
LW< 73, Len, KB7LPW
LW< home page courtesy of BARC at:
LW< http://www.acs.oakland.edu/barc/ham-more/ham-more.html
Len, Do you Know If this show is broadcast in San Diego or LA? What
station? Thanks for your help! 73's N6oid
EJ!

* OLX 2.1 TD * Listen to N6OID Radio 145.180 San Diego, Ca. 73's EJ!

3840. Re: FCC Reprimands K1MAN ? ? ? ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 08:36:28 UTC
From: lindberg@aea9.k12.ia.us
Message-ID: <3konic$q1h@news.iastate.edu>
Source record: 250237

Mark Monninger (markem@primenet.com) wrote:

> > ... lots deleted ...
> >Unfortunately his heavily opinionated broadcasts with barely a
> >minimal factual informational basis clog up the airways.

> Wait a minute...who mentioned Rush Limbaugh??

Gee, I thought he was talking about Tom Lykas.

<< 73's -- Jeff >>

3841. Re: Butternut Butterfly

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 10:22:39 UTC
From: Jjensen@Mankato.MSUS.Edu
Message-ID: <3kotpf$2nn@nitrogen.mankato.msus.edu>
Source record: 250238

In article <9503151401.AA01422@nms1.abb.com>, rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers) says:
>

> Has anyone had experience with this antenna, any
> comparisons run, comments? Also, does anyone know
> where I can get the conductive anti-oxide compound that
> it required?
>
> 73,
> Bill Rogers KA2CKI

Bill: I used to run one up until I moved to a more "radio friendly" environment 3 years ago. Worked well over 100 countries on it. (I did, at times. use a SMALL linear, an SB-200, and kept the power below the Butternut recommended maximum...And could get through the pile-ups!) It was a fun little antenna to use, but not to construct! I had it mounted at about 25 feet, and used a reconditioned TR-44 rotor I got from C.A.T.S. to turn it.

I too did not have the anti-oxide compound. Mine was up for about 4 years, and never did apply it-- However, that could have yielded some corrosion in a different environment... You can get the stuff from Butternut themselves... They call it "Butter-it's-not." Looks like some kind of mineral oil impregnated with copper filings, but that's just a guess. If you're not in a giant rush, give Butternut a call and get some of the stuff... Don't get carried away and put too much of the stuff on... It's not THAT conductive...

Hope this helped...

'73 de KF0VB

3842. Re: Need ftp.site for contest log SW.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 10:23:13 UTC
From: Frits Jensen <frits.jensen@mch.sni.de>
Message-ID: <3kotqh$5ps@horus.mch.sni.de>
Source record: 250241

Frits Jensen <frits.jensen@mch.sni.de> wrote:
>
>
> Do you know a server for free download of nice HF contest SW (CQWW)?
>
> Have a nice day
>
> DL4MHU Frits
>
> To all who send me mails - Thanks a lot, I found my SW

Frits
>
>

3843. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 10:28:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950322040020569@digcir.cts.com>
Source record: 250239

DG< : have to have experienced the pain ($$$) and aggravation (shipping, etc.)
DG< : of sending a japanese radio to the left coast to appreciate the "just dr
DG< : it off at any RS, anytime" service.

DG< This is very true. I returned 3 of them over a three month period before
DG< getting one that worked. I've had the last one for over a year now.
DG< They were embarassed as hell when I kept coming back, but they cheerfully
DG< replaced them all. Don't buy it without the extended warrantee.

DG< >David, N1QGK<
DG< --
DG< David R. Gagnon, MD MPH david@med-buspheb.bu.ed
DG< Boston University School of Public Health (617) 638-4457 [voice]
DG< Boston, Massachusetts 02118 (617) 638-4458 [fax]
DG< "ecrasez l'infamie"

DG< http://www-busph.bu.edu/Depts/Epi-Biostats/David_HomePage.html

* OLX 2.1 TD * Listen to N6OID Radio 145.180 San Diego, Ca. 73's EJ!

3844. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 10:30:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950322040020570@digcir.cts.com>
Source record: 250240

DG< : One BIG feature, IMHO, is the $40 extended warranty on the RS handies. Y
DG< : have to have experienced the pain ($$$) and aggravation (shipping, etc.)
DG< : of sending a japanese radio to the left coast to appreciate the "just dr
DG< : it off at any RS, anytime" service.

DG< This is very true. I returned 3 of them over a three month period before
DG< getting one that worked. I've had the last one for over a year now.
DG< They were embarassed as hell when I kept coming back, but they cheerfully
DG< replaced them all. Don't buy it without the extended warrantee.
DG< http://www-busph.bu.edu/Depts/Epi-Biostats/David_HomePage.html
David, Just wondering, What were the problems with your radios?
Thanks,
EJ!

* OLX 2.1 TD * Listen to N6OID Radio 145.180 San Diego, Ca. 73's EJ!

3845. Re: FCC Tel

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 10:58:31 UTC
From: garryr@netcom.com
Message-ID: <garryrD5u95J.46y@netcom.com>
Source record: 250242

Evert Halbach (CS-ERH@nich-nsunet.NIch.EDU) wrote:
: Does anyone know of an FCC telephone number that is used for new hams
: to get their new callsigns before their license is received in the
: mail???

: Thought I saw a message pertaining to this today but deleted it
: too fast!

: Thanks in advance...

: WA5OJI Evert

I have forgotten the nmbr, I got it by calling information ,
Gettysburg,Pa. it is listed, under FCC(federal communications commision)
be sure you have Gettysburg,Pa. they will tell you if the call has
been issued and what it is, they will also warn you not to start
useing it til you receive it ,(that may have changed,but I am not sure)

: Evert R. Halbach WA5OJI
: Internet - cs-erh@nich-nsunet.nich.edu
: Phone - (504) 448-4999
: Snail - P.O. Box 2168 Thibodaux, La. 70310
--
From Garry Ricketson
garryr@netcom.com

3846. A and K indexes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 11:20:38 UTC
From: wrt@eskimo.com
Message-ID: <D5uA6H.BLM@eskimo.com>
Source record: 250243

Can someone explain the relationship between the solar A and K indexes? I vaguely remember hearing that one is derived from a running average of the other.... or something like that. Anyone know for sure?

Thanks, W7LZP

3847. Re: County database needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 12:02:23 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3kp3kf$427@crchh327.bnr.ca>
Source record: 250244

In article <3knmnr$kai@netnews.upenn.edu>, depolo@red.seas.upenn.edu (Jeff DePolo) writes:
|>
|> Does anyone know of the existance and availability of a database that
|> would be able to cross-reference zip code to county, or cross-reference
|> city and state to county?
|> --

The SAM database, which is available on 3.5 inch diskette as well as
CD has a county cross referance as an additional option. I won it
as a door prize at a local club meeting, so I dont know how much
they get for it. BTW, the diskette version comes on about 15
1.4M diskettes.
73.
Jeff
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

3848. Re: Illegal Call sign Usage

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 12:30:49 UTC
From: tja@netcom.com
Message-ID: <tjaD5uDFD.7Fo@netcom.com>
Source record: 250245

Steven Howard (showard@ainet.com) wrote:
-> I need some opinions regarding a problem with someone using my call
-> illegally.

-> What else would you do?

-> Steve Howard
-> WB0SLT (now in CA)

Change your Call...

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

3849. Re: W5YI on Ham Radio & More

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 12:54:11 UTC
From: wyn@ornl.gov
Message-ID: <wyn.292.2F701DF3@ornl.gov>
Source record: 250246

In article <2a6.8610.545@acenet.com> brian.carling@acenet.com (Brian Carling) writes:

>LW>Do you want to know the full scoop on Fred Maia's new petition to
>LW>the FCC? Are you curious about the new vanity callsign program? How
>LW>does Electronic Filing work? Want Fred's opinion on these or other topics;
>LW>then tune into the Ham Radio & More show

>Can't! It's not on in DC!
>---

Why doesn't Len Winkler go for full coverage and buy air time from K1MAN, W1AW, or KO4TA?

73,
C. C. (Clay) Wynn, N4AOX
registered agent of Amateur Radio Nitwittery Investigations (A.R.N.I.)
==========
= ...- .. ...- .- - . .-.. . --. .-. .- .--. .... -.-- =
==========

3850. FT-726 R for satellite unit help

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:05:53 UTC
From: Mercurio@galactica.it
Message-ID: <3kp7bh$ikv@galactica.galactica.it>
Source record: 250247

I am looking for a satellite unit for Yaesu
mod. FT-726R vhf/uhf all mode tranceiver.
Any information would be appreciated !

e-mail : mercurio@galactica.it
radio bbs: i2sdd@iw2dni-8.ita.eur

3851. RE:w5yi petition

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:21:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8640.545@acenet.com>
Source record: 250248

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

GR> Well I personally am glad that this petition was filed.
GR>I hope it gets accepted.

Don't hold your breth OM! Pigs may fly also!

GR> Some may not know what has led up to this , a station in
GR>Main K1MAN , Ted Baxter has been creating alot of trouble
GR>for hundreds of hams , by playing loop tapes of very quest-
GR>ionable content ,(not ham related) he plays them several
GR>times a day , with no regard as to if anyone else is on freq.

Anyone who works HF knows about Baxter's bulletins. They are
not any real problem, except for a few hams on 75 meters who
think that they "own" the frequencies he uses.

GR> He dose not respond or seem to hear any one when they try
GR>to tell him the freq is busy ,many beleive he dose listen
GR>but if he dose he ignores what he hears.

This has nothing to do with prescripptions Gary!

If you had a
GR>emergency he dose not aknowledge "breaks" or anyone.

If you have an emergency, there are 10 million other HF frequencies
you can use to call for help. This is an abserd argument!

GR> He uses the excuse W1AW dose it so can I. Right now tech-
GR>nically I guess it is legal to broadcast one way bullitons.
GR> His abuse of this has led many to realize that if Baxter
GR>can do it what is to stop more from doing it ? ...in fact
GR>I have heard him encourage the idea that more hams start
GR>doing this , is this what we want on HF ? a bunch of ???
GR> playing loop tapes all day and all night ...?

Why not? It will be far more interesting than all the dops
who compere their linyers and overdrive processors all
evening because they have no lyfe!

GR> It is unfortunate that a station like w1aw will also have
GR>to stop the bullitons and cw practice ,

Again, don't hold your breath for that to happen just because
a few grumblers start trying to cause a fuss.

but if one can do
GR>it another will want to and then another and so on...
GR> W1AW or any one could continue operateing , but they
GR>would have to start makeing the cw practice and bullitons
GR> A 2 way deal ,or perhaps even a "net" say the W1AW
GR>announcement net ,

Or maybe the DOn Simpson Net?

take checkins from around the country
GR>then make the ARRL anouncements ,stations could relay ,
GR>these announcements to parts of the country that could
GR>not hear W1AW , isn't that what the American Radio Relay
GR>League used to be about ?.

You are topic-drifting badly here OM!
Check your B+ to the VFO!

..this could also be done on
GR>CW , makeing it 2 way would make it something other
GR>hams could participate in , it would be excellent practice.
GR> A written record could be kept and posted in QST to
GR>check copy..There are a lot of ways W1aw will be able
GR> to continue announceing news if they use a little
GR> imagination ,

Ah yes, after you and Mr. Simpson force 'em all to shut down?
Don't worry, it will not happen!

and yes even Ted Baxter could continue
GR> his nonsense , if he can find another station to
GR> "talk to" but the one way broadcasts need to stop.

Not according to the FCC or the Constitution.

GR> Thats all for now, also I thank W5IY for getting
GR>the petetion started , and KO4TA , and many others
GR> for the hard work they are putting in toward makeing
GR>a needed change.

They are wasting vast amounts of money time and energy with this nonsense, Gary.

 SLMR 2.1a All that is not eternal is eternally out of date. CSLewis

3852. Re: W5YI Files Petition f

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:21:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8639.545@acenet.com>
Source record: 250249

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Gary Ricketson wrote to Wayne Day:

GR>--
GR> Why do you hope it gets put out to pasture, it is long over due.
GR> Lets give a worse case scene , you and your kids are out bicycleing
GR> in a rurual area , a truck accidently hits one of your kids ,
GR> there are no phones or houses near by , your kid is dieing ,
GR> but you have a hf rig , just about the time you are going to give
GR> directions to your location , some idiot like k1man starts playing
GR>his one way "loop tapes" ,"bullitons" , and the station you
GR>were giveing the info to cannot hear you any more ,not even well
GR>enuff to establish another freq , one way broad casts have no place
GR>in bands that are intended for 2 way communications.

Only if you don't have a clue about how to operate Gary!

In that case a radio wouldn't do you much good anyway!

• SLMR 2.1a • All that is not eternal is eternally out of date. CSLewis

3853. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:21:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8638.545@acenet.com>
Source record: 250250

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

GVDS>Time based contests should be aoutlawed, they have no place on the Amateur
GVDS>Bands.

GVDS>Gary N0ZOI, USA National Coordinator for RAIAR
GVDS>Radio Amateurs International Awards Registry

Right on Gary. ALL contests should be timeless. They should be allowed
to continue non-stop for as long as people want to go!

3854. Re: HELP THIS HAM PLEASE!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:21:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8637.545@acenet.com>
Source record: 250251

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

BM>skimo.com>
BM>Newsgroups: rec.radio.amateur.misc
BM>Organization: Eskimo North (206) For-Ever

BM>How about supplying the addresses to these places so we can write?

What is this about? Who are you addressing this to?

 SLMR 2.1a All that is not eternal is eternally out of date. CSLewis

3855. Re: A and K indexes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:26:07 UTC
From: Torpor@Fnalv.fnal.gov
Message-ID: <3kp8hf$avd@fnnews.fnal.gov>
Source record: 250252

In article <D5uA6H.BLM@eskimo.com>, wrt@eskimo.com (Bill Turner) says:
>
>
>Organization: Eskimo North (206) For-Ever
>Date: Wed, 22 Mar 1995 11:20:38 GMT
>Lines: 9
>
>Can someone explain the relationship between the solar A and K
>indexes? I vaguely remember hearing that one is derived from a
>running average of the other.... or something like that. Anyone
>know for sure?
>
>
>Thanks, W7LZP
>
>

The following is an equivalent scale which was based on a manual
that I receiver from SESC some years ago. It has a glossary,
text and other assorted heaps of information.
I was able to obtain these free of charge from SESC, but with
present budget cutbacks, it may no longer be free.
I hope the following info helps.
Regards to all, Lester

SOLAR EQUIVALENT SCALE
for K and a INDICES

K Magnetic Activity a
==========

9 ---------- 400

8 Severe Storm Level 240

7 140
---------- 100
6 80
Major Storm Level
5 ---------- 48
Minor Storm Level
4 ---------- 27
Active
3 ---------- 15
Unsettled
2 ---------- 7

1 Quiet 3

0 ---------------------------- 0

Where : K= 3 hour period
a= 3 hour period (same period as K index)

A= 24 hour average of (a) =

$$A = \frac{a(1)+a(2)+a(3)+a(4)+a(5)+a(6)+a(7)+a(8)}{8}$$

3856. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 13:39:11 UTC
From: gfiber@halcyon.com
Message-ID: <3kp99v$ad0@news.halcyon.com>
Source record: 250253

In article <3ko99v$1q2c@yuma.ACNS.ColoState.EDU>, drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) says:
>
>
> I noticed that the Kenwood TH-79A/D's and TH-28A's have
> the dreaded "...complies with part 15 of the FCC rules..."
> sticker on them. Is this because of the computing devices
> in them? If so, then would not all microprocessor controlled
> radios necissitate this sticker? I was under the impression
> that we were under soley part 97. Maybe I am wrong, some
> one set me straight and explain this one please.
>
> Thanks for your time!
>
>--
> -Emarit drranu@holly.ColoState.EDU
>
> KG0CQ _·_ __· _____ _·_· __·_
>
Emarit,

All Amateur radios that have a receiver that operates at over 30 MHz are subject to Part 15 rules. Now if you build your own receiver you do not need to pass Part 15 per say, but a manufacturered radio does. Any Amateur radio that operates 30 Mhz and below, does not need to be Type Accepted, only the HF amplifiers are Type Accepted below 30 MHz. Part 97 applies to
all transmitters HF and VHF and above as the FCC does not check the transmitter at all. Generally the 30 MHz and up receivers are tested under the scanning receivers section of Part 15.

For more on Part 15 you will need to get a copy of the Code of Federal Regulations which contains FCC rule Part 15.

73' Gary Fiber

3857. Re: QEX Publisher Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 14:11:03 UTC
From: dnewkirk@arrl.org
Message-ID: <1995Mar22.141103.4960@arrl.org>
Source record: 250254

David L. Hinch (dhinch@cello.gina.calstate.edu) wrote:

: I have seen the publication QEX mentioned in posts here; I have looked
: for it at the local HRO without success. Does anyone have the publisher's
: address & phone number? I would like to check it out. Thanks in advance.

QEX is published the the American Radio Relay League, 225 Main St,
Newington, CT 06111, tel 203-666-1541. The editor is Jon Bloom, KE3Z, email
jbloom@arrl.org.

73,

David Newkirk, WJ1Z
ARRL HQ
email: dnewkirk@arrl.org

3858. Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 14:23:27 UTC
From: bsplaine@sr.hp.com
Message-ID: <3kpbsv$716@canyon.sr.hp.com>
Source record: 250255

Bill Sohl Budd Lake (billsohl@earth.planet.net) wrote:
: I just noticed the new 2 meter mobile being offered by
: Radio Shack (Model #HTX212, list $349.99). Power is
: 45 watts. Their ad on page 160 of April QST does not
: indicate if the receive capability is strictly the 2m
: ham band or if it has an extended receive capability.

: At $350, it should be a pretty good buy when on sale.

I just saw it in RS the other day. If it's like their 2M and 440 HT's,
they will fly. The price is right and it has DTMF and CTCSS built in.
Probably more, but I had no time to look. The salesperson told me
they were coming out with a dualbander in the very near future..

I guess RS sees the potential with the explosive growth of the NoCode
Licensees......
--
/\/\/\

3859. AN/ARC-27 Anyone Fixed One?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 14:41:01 UTC
From: "Kenneth M. Gianino" <gianino@sbctri.sbc.com>
Message-ID: <3kpctt$bgt@sbctri.sbc.com>
Source record: 250256

Any wise avionics techs out there that worked AN/ARC-27 UHF comm radios when they were in the US Air Force? I acquired a very clean one with all accessories recently and have been trying to restore it to specs. My problem is in the transmitter tuning tracking. According to "Janes Mil. Com.", these radios were developed in the late 40's and were still around in the early 70's. The mechanical tuning and freq. presets are a delight to watch in action!
-Ken WB0QNA gianino@sbctri.sbc.com home (314)894-1822

3860. Re: HF Beam Recommendations

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 15:11:53 UTC
From: jayk@fc.hp.com
Message-ID: <3kpenp$9vd@tadpole.fc.hp.com>
Source record: 250257

Cliff Milner (Cliff_Milner@mlstand.com) wrote:
: Want to replace my 35 year old Hornet tribander. Am looking for pros
: and cons of various beams;

IMHO

: Mosley,

Built like a battleship, by far the most robust mechanical design of the bunch. Small company, sometimes customer service is bad. Good antenna designs and performance (if they send you the correct parts). Designs geared more towards gain than pattern. I have the Mosley PRO-96, very nice antenna. Having a gain antenna on the WARC bands is great!

: Hy-Gain,

Pretty good mechanical design (not great). Good electrical designs but a lot of $$$ to get a antenna with WARC. I have a used TH7DX that will go up later this spring.

: CushCraft

OK electrical designs, pretty bad mechanical designs. They mount the elements to the boom with a ubolt the goes through the element. Mosley does the same thing but uses double wall tubing at that point, Cushcraft uses only single wall .058 tubing at that point. At just about the point where you get the element tight on the boom the tubing starts to deform in the center of the element. But I've had a A3 on a small tower for 3 years and its still in one piece (we have heavy winds here in CO).

: and others.

You might want to check out the Force 12 C3 antenna. It looks kind of interesting but I don't know much about it.

: Thanks from Cliff, K2SKO Rochester, NY

73, Jay K0GU jayk@fc.hp.com

3861. contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 15:33:29 UTC
From: rrossi@VNET.IBM.COM
Message-ID: <199503221537.HAA25256@UCSD.EDU>
Source record: 250258

I decided to post the e-mail I sent to Leigh, KM6JE in Santa Barbara, in response to his posting to this forum. His comment on contesting started this whole thread.

==========the following is a copy====================
==========
Date: 17 March 1995, 12:17:06 EST
From: Ronald D. Rossi 446-7477 RROSSI at BTVMANVM
H/P ASIC SRAM Development
Dept. N93
Bldg. 861-2
IBM Microelectronics, Burlington
To: leigh at rain.org
Subject: Your append to INFOHAMS DIGEST (IBMARC) at 16:32:27 on 95/03/17

Re: Cliff Stoll writes about the net, CB and ham radio

Leigh,

I agree with your assessment of the net in general. It is a very large database of information and opinions. With that large a cross-section we get some bad apples per se.

I don't want to start an argument, but I would like to briefly state some of the reasons that I enjoy HF contesting. I have a pretty meager station and am fired by a competitive spirit to improve both my station's capabilities and my own. I currently use a Ten-Tec Omni-D into a Butternut HF6V vertical and a simple computer to do my logging.

By operating over a 24 hour or longer period with a variety of stations on the air contests provide a unique opportunity to watch and participate in changing propagation patterns. I have learned a lot over the past two years I have had my extra playing around with contesting about when I can expect the band to be open and where. Listening to 10m scatter come and go. Listening to the skip distance change as the sun's energy excites (or not) the ionosphere. The fluttery sound of the East Europeans coming in over the poles. The list goes on. I get to make real comparisons of how my signal gets out based on tweaks I make to the system. I have so much more to learn.

My code speed is enhanced every time I operate or listen to a CW contest. I grant that the exchanges are VERY repetitive. They are filled with the same "markers" that we all know from typical DX contacts; 599, QHT, name hr is, etc. I have overcome my fear of jumping in and responding to a station sending a bit beyond my

ability (with a straight key).

My operating time is limited being the father of a young family. Contests allow me to schedule time to be on the air and know that others from all over will be on as well. Pileups in contests tend to be somewhat less unruly than many of the packet spotted DX pileups I have run into. I get my ragchew fix usually operating CW in the novice and general portions of 40m on the occasional evening.

I am a RACES station and find that as mentioned earlier that contests keep many of my operating skills improving. Aside from propagation, I become very familiar with how to make myself best heard in poor circumstances; what phonetics work best, when to call a station, sending my call fast or slow, whether or not to zero beat the station, etc.

I don't expect to change your mind about contesting. I am only sending you this note to tell you that it takes all kinds to keep this service alive, and that there are all kinds of us out there. There are "real people" behind most of the contesters out there, not just point crazy, wide signaled, CQing on more than one band, never QRLing jerks.

Thanks for listening.

very 73 de N1PBT...Ron (rrossi@vnet.ibm.com)

3862. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 15:34:27 UTC
From: horak@convex.com
Message-ID: <3kpg23$glr@eugene.convex.com>
Source record: 250259

In <3kmp8t$rsb@mrnews.mro.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:

>In article <9503170605594.The_Win-D.rickmcm@delphi.com>, rickmcm@delphi.com (Rick McMillion) writes...
>>> >Tom Randolph (randolph@est.enet.dec.com) wrote:
>>> >> base-station rig - 8-10W (!) out on a 13.8V power supply or gelcell battery,
>>> >That's amazing! Especially since the specs say only 6W out with 13.8V in.
> <snip snip snip>
>>
>>Now wait a minute. Nobody ever said those Radio Shack wattmeters were real
>>accurate. I'm sure the guy was getting 10 watts out. I heard one guy claim 12
>>watts output.
>>Rick, WB7UGZ

>Hey, I could put it on a scope and measure it if those guys really want, but I
>have no reason to believe my wattmeter is that far off... SWR is < 1.1:1,
>(into 60 ft. of dummy lo... er, um, coax) so nothing funny going on.

I must apologize for being one of the one's to suggest you get a new
wattmeter. I bought a HTX-202 the other day and it does indeed produce
10 watts of output power. Wow, was I surprised!

David N5OFQ

3863. HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 15:41:07 UTC
From: horak@convex.com
Message-ID: <3kpgej$h6e@eugene.convex.com>
Source record: 250260

There have been several posts on this group about the HTX-202 getting 10 watts on 13.8v. I didn't believe it until I bought one and tried it out for myself. Mine gets 10 watts on 13.8v too! My old Alinco DJ560 still puts out 5 watts in a side by side comparison. A friend across town on simplex confirmed my joy by describing S-meter comparisons of both radio's transmissions. The HTX-202 had a noticeable gain over the DJ560.

After playing with the radio for a few days I can say that I am VERY happy with it. I DID make sure I was getting a brand new one from the Shack before I bought it!

David Horak N5OFQ (not your average Dave)
Plano, Texas (not your average plain-O town :-)

3864. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 15:44:20 UTC
From: landisj@nad.com
Message-ID: <1995Mar22.104420.243@nad.com>
Source record: 250261

In article <D5LG6D.628@info.bris.ac.uk>, chris@bris.ac.uk (Chris Railton) writes:
> Jeffrey Wittich (jwittich@b4pph107.bnr.ca) wrote:
>> In article <D5IDAo.Hp8@vcd.hp.com>, dmunroe@vcd.hp.com (Jordan Peugeot) writes:
>> |> Could someone explain what the appeal is in contesting? I realize that
[snip]
> I must say that more often than not if I tune around 14MHz at a weekend there
> is nothing else but people shouting "contest", usually with no regard for
> other operators such as SSTV on 14230. It makes the band unusable for anything
> else too often. Why not have a contest free zone on each band where other
> interests can be indulged?
>
> Chris
> 73

There are contest free zones. They're called WARC bands. I wonder why many nets
don't move there. The regulars would never feel compelled to jam the
contesters then. This hobby is unique in it's appeal to many types;
some don't care much for SSTV; some don't do phone; some don't do CW. There's
a lot of room for us all.

Joe - AA3GN
(landisj@nad.com)
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA

3865. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 16:00:04 UTC
From: tigger@prairienet.org
Message-ID: <3kphi4$p06@vixen.cso.uiuc.edu>
Source record: 250262

In a previous article, garyk9gs@solaria.mil.wi.us (Gary Schwartz) says:

>
>Well Chris, I was waiting for somebody to bring up the SSTV issue. As an
>avid contester that operates several contests each year on 20M, i have
>never met a more inconsiderate bunch of hams than the SSTV types on 20M.
>These IDIOTS (and yes I mean IDIOTS!) think they have to have the
>frequencies 5 Khz +/- of 14230 to themselves. I have frequently been on
>14227 or so FOR SEVERAL HOURS when one of these guys opens up right on
>frequency. They don't even have the courtesy to ask you to move first.
>To me this is DELIBERATE interference. The other thing that frequently
>happens is that 14230 +/- may be clear. I always ask if the frequency is
>in use. Usually I never get a reply. After working a few stations, there
>it is, SSTV right on my frequency. And since I cannot decode their SSTV,
>I have no way of knowing who they are. Now I know they cannot possibly
>conduct a SSTV contact on the frequency we are on (and they know this
>too), why do the fire up right on top of me??

Um, I was trying to be a little more diplomatic when I made my comments
as to why I contest, but Gary has summed up my feelings on SSTV perfectly.

--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/294 cfmd
"The advantage of E-mail is that it only
takes a few seconds to get rejected." --Garrison Keillor

3866. Re: UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 16:07:48 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3kpi0k$10m5@info4.rus.uni-stuttgart.de>
Source record: 250263
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <D5Jxyu.4J@wang.com>, Dave Bushong <dbushong@wang.com> wrote:
>
>In this month's Wordradio, page 15, there is an article about a
>UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
>FT-470.

Dave,

This filter works reasonably well, the only problem being, that
it will handle even a power of 5W only for fairly short transmissions.

A company here just developed a special high power version, which is
guaranteed to handle up to 200W coutinuous output.

the price is only 89 US$ and I am quite happy to take your order
(pre-paid)

73, Moritz DL5UH

3867. QSL address

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 16:10:16 UTC
From: ac579@rgfn.epcc.EDU
Message-ID: <9503221610.AA09702@rgfn.epcc.Edu>
Source record: 250264

```
Hello net.
I need the QSL address for MIR and STS-67.
Can YOU help?
Thanks
73, Roland

--
Roland Cowan WF4P/AAT6MC
ac579@rgfn.epcc.edu
```

3868. World-wide contest this weekend...Try it!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 16:11:58 UTC
From: tigger@prairienet.org
Message-ID: <3kpi8e$rh9@vixen.cso.uiuc.edu>
Source record: 250265

Hi, all-

With all the discussion that's been going on about contesting, I thought I'd point out that there will be a Biggie this weekend. It's sponsored by CQ magazine, and it's the WPX SSB contest.

Everybody can work everybody, with a caveat. Here are the rules, in a nutshell. I'd suggest that if you're seriously interested, read the complete rules in one of the big ham magazines.

The object is to get as many points as possible. This is done by exchanging an RST report (usually 59-a seperate issue) and a sequential serial number. Example: your first contact in the contest would be "59 001", your second contact in the contest would be "59 002", etc.

You get points by exchanging information with as many hams as possible. Note that you get ZERO points for contacting somebody in your own country. However, the multiplier in this contest is the number of different prefixes you get. So, if you're in the US, and you talk to NX0A, you don't get any points for that QSO, but NX0 is a pretty unique prefix, so that counts as a multiplier.

Your final score is a combination of QSO points multiplied by the number of different prefixes you contact. So, if you make a hundred QSO's and you get 50 different prefixes, you get a certain score.

Please note the scoring is slightly wierd for this one. One QSO is not worth ONE point.

Stations on a different continent are worth 3 points.

Stations on the same continent as you, but a different country are worth 2 points.

Stations in the same country as you are ZERO points, but may be worked for multiplier credit.

Also note that if you make a QSO on 40 meters or lower, point values DOUBLE.

Like I said, this is the Reader's Digest version of the rules. If you want to try it, read the rules in their entirety first!

I encourage everybody to get in this weekend and give it a try. Who knows, you might like it!

Take care, and good luck this weekend to all who enter.

73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:304 worked/294 cfmd
"The advantage of E-mail is that it only
takes a few seconds to get rejected." --Garrison Keillor

3869. Re: Illegal Call sign Usa

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 16:20:16 UTC
From: jholly@cup.hp.com
Message-ID: <D5uo1t.FH1@cup.hp.com>
Source record: 250266

Bill Kotarski (bill.kotarski@cmail.com) wrote:
: Start keeping a log of The Date, time, Frequency you were using, and
: The call of the station you were in QSO with. And The Mode you
: were using.

Gee, just like in the olden days! Don't forget to log the CQ's also!

Jim, WA6SDM

3870. Re: Ramsey 220 MHz kit. Does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 16:49:30 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar22.164930.21984@ke4zv.atl.ga.us>
Source record: 250267

In article <3kmqm6$ehn@eugene.convex.com> horak@convex.com (David Horak) writes:
>I am thinking about buying the Ramsey FX220 220 MHz ham transceiver.
>The only Ramsey kit I have is the SS-7 descrambler and I had to
>"modify" it to get desireable results. My question is, how well
>will this work out of the package (without mods)? I don't mind
>spending some time improving it but I don't want any BIG surprises.
>Is it worth the $149? Please share your experiences.

David, I built the RAmsey 2 meter rig. It needed to be modified
to be clean, and some of the parts in the kit were out of standard,
the offset crystals, and others missing, some resistors. If you
just want a radio, buy something commercial. If you want a challenge
to your troubleshooting and design skills, buy the Ramsey. Either
way you can wind up with a working radio. Would I do it again for
$150? No, but that's because I'd rather modify a commercial radio
than attempt to get one that's *never* worked before working
properly, and I can buy all the old GE or Motorola rigs I want
for $50. You have fewer options at 222 MHz, so the Ramsey may
be a better deal for you.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3871. Re: FT-51R DTMF decode? how does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 17:04:30 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kplau$20c@ecom3.ecn.bgu.edu>
Source record: 250268

I got this information from a private response, and it seems to work.
If you push the function key, then the [call] button, you get the little
telephone icon on the display. Then push the function key for 1/2
second, until the radio beeps, then push the number 9. the radio will
sit there happy as can be decoding any DTMF tones it hears.

Now, one thing that confuses me is that I can monitor a frequency which
has a lot of DTMF activity, and I am always recieving a DTMF 'F'.
No, it isn't a two tone series creating the 'F', it is a single tone
which the radio is calling an F.
Anyone know what this is? I am assuming it is a special key used by the
equipment, and not a standard DTMF tone. Maybe I am wrong.
Are there more than just the 12 DTMF tones on a telephone?
(oh, and the A, B, C, D which the Yaesu is capable of)

-==-
Dave
.

3872. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 17:26:06 UTC
From: vrenios@enuxsa.eas.asu.edu
Message-ID: <D5ur3J.K1u@ennews.eas.asu.edu>
Source record: 250269
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Good advice, Mike, but "which F?" might be worth pointing out. The
234/F is recognizable as the length of a quarterwave (vertical) element.
The (1/4 * L) * (0.95) is a formula for radials under a groundplane, so
I'll bet the F in your second equation ought to be an L, for wavelength,
as Mike probably meant. Note that the Odd.Number just means that you may
use a single piece of wire to satisfy the needs of several frequencies.
That is, The counterpoise for 80 meters works for 15 meters, as well; a

Good luck; hope this helps you, Erik.

73, de kx9i

In article <3kkh7v$d4k@ixnews4.ix.netcom.com>,
michael silva <mjsilva@ix.netcom.com> wrote:
>In <3kkedq$7r5@news-2.csn.net> erik@csn.net (Erik Mugele) writes:
>
>(for counterpoise length)
>>you should use 234/F=Length of counterpoise wire (where F is desired
>freq in
>>MHz). (The good ol' quarter wave formula.) However, the AT-50 manual
>>says to use the following formula for determining the length of the
>>counterpoise wire: (1/4 * F) * (0.95) * (O.N.) = Counterpoise Length
>>where F is the Frequency in MHz, 0.95 is the "wavelength reduction
>rate",
>>and O.N. is any odd number.
>>
>>These formulas are very different. In the first, as F gets larger, the
>>length get shorter and in the second as F get larger, the length also
>>gets longer. Which formula is correct? Are they both correct? If so,
>why?
>>
>Substitute wavelength for F and it makes sense. I'm sure this is the
>very first time a Japanese equipment manual has been, shall we say,
>garbled :)
>
>Mike, KK6GM
>

3873. Re: [Q] Getting a 2 meter commercial freq.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 17:27:06 UTC
From: mack@ncifcrf.gov
Message-ID: <D5ur57.CF1@ncifcrf.gov>
Source record: 250270

In article <rob.795887888@cygnus.com> rob@cygnus.com (Rob Savoye) writes:
> I was wondering if anyone knew how to get a commecial frequncy I can ue
>for commercial traffic in the 2 meter range. I'd like to be able to use a
>packet radio setup on my own frequncy between my ofice and my notebook. As
>I want to do email and other work related stuff, I was also wondering if this
>would be legal, as I can't do work related email on a regular packet
>frequncy.
>
> Bascially I live/work on a 5500 acre ranch, and I'd like to setup my own
>wireless network for data. Have solar panel, will travel. :-)
>
> - rob -
>--
What about a wireless LAN. I believe with a yagi at each end you can
do a couple of miles. I think they're at 800MHz and are plug and go.
Joe NA3T mack@ncifcrf.gov

3874. Re: Clipart Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 17:39:52 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanD5urqG.4t3@netcom.com>
Source record: 250271

plpath@ucrac1.ucr.edu wrote:
: In KE4RRG's response regarding Clipart for amateur radio

: Where exactly is 'CI$' ?

: How does one find this location? -- Could you be more specific?

The acronym "CI$" is a tongue-in-cheek jab at Compuserve Information Service (CIS) where the "$" substitution refers to the cost of being on CIS.

Jim - over in San Berdoo
--
jlowman@netcom.com | Jim Lowman San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3875. Re: Installing PL encoder in TS700S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 17:46:59 UTC
From: "Vester Scott"
Message-ID: <D5us2C.1w1@attatl.AtlantaGA.NCR.COM>
Source record: 250272
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

NoNoNo . . .
Please post it for everybody.
I need it too.
Thanks.
-Vester Scott (N8EKA)

3876. Re: County database needed

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 18:15:18 UTC
From: fuat@tintin.cc.columbia.edu
Message-ID: <3kppfm$alc@apakabar.cc.columbia.edu>
Source record: 250273

In article <3knmnr$kai@netnews.upenn.edu>,
Jeff DePolo <depolo@red.seas.upenn.edu> wrote:
>
>Does anyone know of the existance and availability of a database that
>would be able to cross-reference zip code to county, or cross-reference
>city and state to county?

Check out the Online Geographical Name Server at:

telnet://martini.eecs.umich.edu:3000/

(i.e. telnet to martini.eecs.umich.edu, port 3000).

For this and other URLs of interest to hams, see

http://www.columbia.edu/~fuat/cuarc/cuarc.html

--Fuat

Columbia University fuat@columbia.edu
703 Watson Labs 212-854-4804
612 W115th Street 212-662-6442 (Fax)
New York, NY 10025 Amateur Radio: N2YGN http://www.columbia.edu/~fuat/

3877. PACK*BASH at Dayton Havmention

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 18:27:36 UTC
From: John Ackermann <john.ackermann@daytonoh.attgis.com>
Message-ID: <D5uty0.Kr1@ranger.daytonoh.attgis.com>
Source record: 250274
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Attending the 1995 Dayton Hamvention? Then don't miss out on PACK*BASH!

What?
A new event for the digitally-inclined ham, featuring:
* Buffet dinner (with cash bar)
* Nationally-known speaker holding forth on a current topic
* Prize raffle
* TAPR special interest group meetings
* "Bird of a Feather" gatherings

When?
Friday evening, April 28, 1995
Dinner starts at 7:00 pm
Speaker at 7:45
Meetings to begin after the speaker

Where?
TJ's Restaurant
2462 Dryden Road, Dayton
(Dryden Road exit, I75 -- across from the Holiday Inn)

How?
Dinner requires advance registration and payment BY APRIL 24th, 1995.
Seating for dinner only is limited, so register early! The cost is
$16.00 per person, tax and tip included.

All amateurs are welcomed to attend, enjoy the speaker, and
particpate in the meetings, although only those purcashing a dinner
e purcashing a dinner
can eat.

To register, contact:
PACK*BASH
c/o TAPR
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399

Phone: (817) 383-0000
Fax: (817) 566-2544
Internet: TAPR@TAPR.ORG

Visa/Mastercard Accepted

Who?
PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio,
the national leader in digital communication -- and the Miami

Valley FM Association, Dayton's packet radio club.

For further information, contact TAPR, or email packbash@ag9v.ampr.org or BASH@N8ACV.#DAY.OH.USA.NOAM

John Ackermann AG9V
AT&G Global Information Solutions
john.ackermann@daytonOH.attgis.com
(513) 445-2966

3878. Re: FCC Reprimands K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 18:37:57 UTC
From: csle87@email.mot.com
Message-ID: <csle87-220395133757@145.39.1.10>
Source record: 250275

In article <3k9sm1$n8t@michp1.redstone.army.mil>,
helliott@losat.redstone.army.mil (Doc Elliott) wrote:

> In article <3k7dsf$1aae@usenetw1.news.prodigy.com>, HWDX09A@prodigy.com
> says...
> >
> >The following was printed in the March 1, 1995 issue of the W5YI Report
> >and is a very interesting responce to K1MAN on the ongoing interference
> >complaints with I.A.R.N. bulletins. The FCC attitude is refreshing.
> >
>
> Snip of poignant and generally righteous letter
>
> >I also urge you to consulty with an attorney concerning MS
> >Malone's letter. To provide you with some incentive to do this, let me
> >say that if you wish to communicate with me for any reason, it must be
> >done through an attorney. I will not accept any letters or telephone
> >calls from you personally.
>
> Mr. Greenspan, if you are listening, I spit on you for this. This kind
> of attitude ought to bring you and everyone like you up on anti-trust
> charges. This is no different than having all the hamburger vendors
> in this country agree to raise their prices at once, and no
> hamburgers can be sold at less than the agreed to price. What you are
> saying is that communication between an individual and an attorney is not
> possible because the individual must pay an attorney to communicate with
> you. You and your type are scum and are killing the viability,
> productivity, and competitiveness of this country. This person to whom
> you addressed this letter should be able to contact you or anyone else
> and carry on a conversation or communicate in any way without the
> unnecessary burden and overhead of having to hire a highly educated
> professional liar.
>
> Attorneys, and the law profession in general, are killing my country,
> like aids breaking down an immune system. The only reason one ever needs
> a lawyer is to defend oneself from another lawyer. If there weren't any
> lawyers, then we wouldn't NEED any lawyers.
>
> Go chase an ambulance - maybe we'll all get lucky and you'll get run over
> and there will be one less damaging influence on this country.
>
> Kudos to the poster of the letter - I am glad something is happening on
> this subject.
>

> --
> Doc Elliott
> KE4KUZ
> Internet: helliott@losat.redstone.army.mil
> packet: ke4kuz@k4ry.#cenal.al.usa.noam
> The opinions expressed herein are mine, and do not
> reflect those of my employer or anyone else unless
> specifically stated as such.

Doc, I think you need to better inform yourself about the entire situation before posting; right now you appear to be a loose cannon. Mr. Greenspan happens to be general counsel to the FCC, and he is also the unfortunate recipient of a large volume of correspondence from K1MAN regarding the apparent willful and deliberate interference between K1MAN, W1AW, and various well-publicized nets and other amateur radio operators. Let the FCC do some of that enforcement that most of us feel we see far too little of these days!

As an attorney for the government agency which is currently investigating K1MAN's qualifications to continue holding an amateur license, Mr. Greenspan is not only within his right to ask, but is legally required to insist that all communications from K1MAN take place solely through legal counsel. His suggestion to do the same with Ms. Malone stems from the fact that Ms. Malone is on the staff of the Maine Attorney General's office, where other legal action may also be pending.

This is far from being an anti-trust issue. It simply comes down to K1MAN being advised of his legal defense rights so that he can not later claim that he was blindly led into a bad position by the FCC's counsel, should they choose to revoke his amateur license. You probably would never put your amateur license in legal jeopardy in that fashion, but if you did you should get the same warning, very much like the common TV phrase, "Anything you say from this time on can and will be used against you in a court of law."
--

Karl Beckman, P.E. < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
If you agree with the opinions expressed, they're mine. If not, who cares?
Amateur Radio since 1964 WA8NVW U S Navy MARS NNN0VBH / GBN12 / ASI7

3879. Wanted 2m HT

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 18:56:43 UTC
From: EISTM@ccmail.ceco.com
Message-ID: <9502227958.AA795898598@ccmail.ceco.com>
Source record: 250276

Hello Netters :

I am looking for a 2m HT (with manuals,battery and charger)
price <= 150

Please send me an email to eistm@ccmail.ceco.com

Thanx

Thiaga Manian

3880. DX QSL INFO ON NET?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 19:09:35 UTC
From: ddepew@CHM.TEC.SC.US
Message-ID: <3kpslf$7gd@ns.sunbelt.net>
Source record: 250277

Anyone know of an internet source for DX qsl info/routes/etc?
Email responses appreciated. Tnx es 73,

Dorr Depew
N4QIX

3881. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 19:18:23 UTC
From: ddepew@CHM.TEC.SC.US
Message-ID: <3kpt5v$7gd@ns.sunbelt.net>
Source record: 250178

In article <3k0cir$10s@newsbf02.news.aol.com>, krisn3rqt@aol.com (Kris N3RQT) writes:
>My rig (a TS850) gives me the choice of using "Full Breakin",
>"Semi-Breakin", or
>no breakin at all by just putting the rig in send mode.
>
>How does one decide which of these to use and when?
>
>Is one less hard on the rig than the others?

Full break-in (QSK) allows you to receive between each dot and dash. That way, if the other station wants to interrupt you (i.e., ask for fills, etc.) he/she can do so by pressing the key during your transmission. Semi-break-in can be likened to VOX on a phone transmissions - the rig is shifted into transmit mode and "hangs" there for a certain (adjustable) time period after the last dit or dah. My rig (a Yaesu Ft101e) has semi-break-in, which is FB for getting started. Now that I'm a confirmed CW freak, I would die for full QSK.

Assuming you have solid-state rig (not a t/r relay) I can't see that either would be harder on the rig than the other. Clacking relays wouldn't do it for me, though.

Good luck,

and 73,

Dorr Depew
N4QIX

3882. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 19:22:40 UTC
From: ddepew@CHM.TEC.SC.US
Message-ID: <3kpte0$7gd@ns.sunbelt.net>
Source record: 250179

In article <3kdsq5$5td@abyss.West.Sun.COM>, myers@Cypress.West.Sun.Com (Dana Myers) writes:
>In article ler@nyx10.cs.du.edu, gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:
>>After reading this newsgroup for a while, I feel I should make a couple
>>of comments. It seems as though there are an inordinate number of
>>people out there who feel that the No-Code Tech is a Know-Nothing Ham.
>
>There's plenty of Know-Nothing General, Advanced and Extra class
>amateurs.

And there are also plenty of general, advanced, and extras who welcome newbies to the ranks of our hobby and service. I agree with Greg that there is a lot of elitism on the bands, and we need to get rid of it if we are going to continue to grow new hams! The no-code ticket is a great way for folks to get into ham radio, work on the repeaters, etc., and upgrade. But we need to encourage them and help them, rather than exclude them. At the same time, though, anyone who is new at ANYTHING - whether it be computers, driving a car, carpentry, plumbing, or ham radio, needs to feel free to ask for help.

73,

Dorr Depew
N4QIX

3883. Help with 13 WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 19:37:17 UTC
From: js024b@uhura.cc.rochester.edu
Message-ID: <1995Mar22.193717.17893@galileo.cc.rochester.edu>
Source record: 250180

Hello everyone,

I passed my Novice and Technician exams 5 years ago and I would like
to upgrade to General (and Advanced). My morse code is very flaky and I
am having a hard time picking it up again. I am using a computer program
which I FTP'd without much success. After thinking it over, I think the
best way for me to pass the 13 WPM exam is to take a CW class. I wouldn't
need the class for the written exams (I passed the General written 5 years
ago but the CSCE has long expired).

Does anybody know if there are classes for the 13WPM exam in the Rochester,NY
area? Any other help would be appreciated.

Thanks.

--
Jonathan Schulman University of Rochester
js024b@uhura.cc.rochester.edu
KB2JNY - poor tech who still can't pass 13 WPM

3884. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 19:43:44 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <1995Mar22.194344.274@liberty.uc.wlu.edu>
Source record: 250181

Derek Wills (oo7@astro.as.utexas.edu) wrote:
: chris@bris.ac.uk (Chris Railton) says:

: >>I must say that more often than not if I tune around 14MHz at a
: >>weekend there is nothing else but people shouting "contest", usually
: >>with no regard for other operators such as SSTV on 14230. It makes
: >>the band unusable for anything else too often. Why not have a contest
: >>free zone on each band where other interests can be indulged?

: The first sentence is incorrect - if you listen on e.g. 20m SSB
: the number of weekends with major contests is small, you just
: remember them, that's all.

: There are contest-free zones. Apart from a very small number of
: contests, if there is a 'phone contest on, the whole of the CW band
: is contest-free, and if it's a CW contest, the whole 'phone band is
: available. The WARC bands (12, 17 and 30m) are free of contests at
: all times, including weekends.

: Personally, I wish there were ragchew-free zones, I find ragchewing
: going on at all times on all modes and on all bands; it's not my
: thing, just as contesting apparently isn't yours - I deal with it,
: and I'm sure you can too.

: Derek "599" Wills (AA5BT, G3NMX)
: Department of Astronomy, University of Texas,
: Austin TX 78712. (512-471-1392)
: oo7@astro.as.utexas.edu

I think that folks gotta realize that contests do not take place more
often than not. Sure, clubs likethe Southwest Slobovia ARC may sponsor a
QSO party most every weekend of the year,
but there are only a few weekends where major contests attract large numbers
of operators.

The masses of rag-chewers have over 300+ days of the year in which to
drone on (or drool on) the air. If one bitches because one can't stand to
talk to their fellow cronies every weekend of the year, then I think they
ought to re-examine their standards of personal utility.

Take a stand! Turn off your radio for a day or so! It won't force your
pacemakers to stop running!

Rich KI6ZH

3885. Re: 2M thru-glass antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 20:00:00 UTC
From: jeff.sumberg@sailbbs.woodybbs.com
Message-ID: <8A5F384.012F000365.uuout@sailbbs.woodybbs.com>
Source record: 250182

drumhell@claudette.nrl.navy.mil (David Drumheller) sez:

DD>call the manufacturer (Antenna Specialists), and they did. The technical
DD>rep said that they had no record of anyone having difficulty installing
DD>the antenna on the make and model of car that they own, and thinks that
DD>the coupling box is inoperative.

DD> Lessons learned: (1) It appears that some of the well-known
DD>manufacturers are willing to work with customers who have purchased a
DD>through-the-glass antenna

I will give kudos to Antenna Specialists because I feel they deserve it.
When I got my antenna it had been removed from another car. In order to be
re-installed I needed the adhesives. I called AS's tech support and told
them that I just got the unit from someone who had removed it from their
car. Without another word they said they'd send me a re-mount kit. Within a
few days it arrived at my door, free of charge. It contained a new metallic
"foot" with the double sided adhesive pad, the plastic brace, cable clips,
a tube of silicon adhesive, and a new adhesive pad for the tuning box. I
also got new instructions, and tuning tips.

DD>installation is correct, but they're unable to resonate the antenna
DD>through the coupling box located in the car interior.

I had this problem too. But we finally got the thing tuned, but it was a
very tight adjustment. You also have to make sure the metal plate from the
shield it either on ground or VERY close to it through the plastic.

Best of luck.
73 de N2VYU
Jeff

Internet: jeff.sumberg@sailbbs.woodybbs.com
---
* DeLuxe2 1.25 #32s *

3886. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 20:27:53 UTC
From: blifter@ccd.harris.com
Message-ID: <3kq189$86k@babylon5.ccd.harris.com>
Source record: 250183

David Horak (horak@convex.com) wrote:
: There have been several posts on this group about the HTX-202
: getting 10 watts on 13.8v. I didn't believe it until I bought
: one and tried it out for myself. Mine gets 10 watts on 13.8v
: too! My old Alinco DJ560 still puts out 5 watts in a side by
: side comparison. A friend across town on simplex confirmed my
: joy by describing S-meter comparisons of both radio's
: transmissions. The HTX-202 had a noticeable gain over the DJ560.

Were you using the same antenna for comparison? 5 watts versus 10
watts would be 3db gain, which would account for about 1/2 an S-unit.
I'm surprised your friend could tell the difference. If you were using
the "stock" rubber ducks on each rig, then there could be additional
differences.

: After playing with the radio for a few days I can say that I am
: VERY happy with it. I DID make sure I was getting a brand new
: one from the Shack before I bought it!

I am also very happy with my HTX-202. I sold my DJ580 and bought the
HTX-202. (I could not see toting around a $400 rig. I'm too clumsy.)

73, Bruce AD4TG

--
Bruce Lifter
Harris Corporation MS: R5-202
Controls Division email: blifter@ccd.harris.com

3887. Re: need help with "power station"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 20:33:19 UTC
From: dbushong@wang.com
Message-ID: <D5uzrK.KF2@wang.com>
Source record: 250184

kc7fqd@primenet.com (Dennis Rice) writes:

>Mark Acierno <macierno@delphi.com> wrote:

>>Hello, I have one of thoes battery "power stations" advertised in the back of
>>various ham readio mags. (you know the $50 job) any way I moved a few months ago
>>and lost the recharger--- does anyone know the spec. on the recharger???
>>(i'de bet its 12v- but I just want to be sure!)
>>

>Mine came with a 15V recharger, sorry I don't remember the amperage
>and I don't have it with me right now.

It's around 15 volts, but it's AC, not DC as you might expect. You
can also buy a little motorcycle charger from K-Mart and plug it into
the left cig lighter jack and charge in in a few hours, instead of
overnight. That works fine for me.

Dave

--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

3888. SE Michigan club working Field Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 21:09:38 UTC
From: tea@holo5.srl.ford.com
Message-ID: <3kq3mi$fsq@fiesta.srl.ford.com>
Source record: 250185

Are there any southeastern Michigan clubs that still work
Field Day?

--
Tom Allen

3889. C / No Reqired for Intelligibility

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 21:19:37 UTC
From: Jan.A.Tarsala@jpl.nasa.GOV
Message-ID: <950322114901.CC4776977@CCMail.Jpl.Nasa.Gov>
Source record: 250186

Re: AM vs. FM -> Aircraft

Mr Leblanc:

Read Chapter Two of "Single-Sideband Systems and Circuits"
by Sabin and Schoenike, Second Edition, McGraw-Hill, 1987
(ISBN 0-07-054407-7). You will find that every assertion
you have put forth is wrong.

73,

Jan WB6VRN

3890. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 21:33:57 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3kq545$1l7f@bubba.ucc.okstate.edu>
Source record: 250187

In article <3kpt5v$7gd@ns.sunbelt.net>,
DORR DEPEW <ddepew@CHM.TEC.SC.US> wrote:
>In article <3k0cir$10s@newsbf02.news.aol.com>, krisn3rqt@aol.com (Kris N3RQT) writes:
>>My rig (a TS850) gives me the choice of using "Full Breakin",
>>"Semi-Breakin", or
>>no breakin at all by just putting the rig in send mode.
>>
>>How does one decide which of these to use and when?
>>
>>Is one less hard on the rig than the others?

I don't think it makes any difference on the rig. I find simi-breakin
set so the reciver comes on between charcters eaiser on my ears than
full QSK. It also gives me a little feed back on letting my charecters
run togeather.

Good luck
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

3891. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 22:15:29 UTC
From: horak@convex.com
Message-ID: <3kq7i1$h3l@eugene.convex.com>
Source record: 250188

In <3kq189$86k@babylon5.ccd.harris.com> blifter@ccd.harris.com (Bruce Lifter) writes:

>Were you using the same antenna for comparison? 5 watts versus 10
>watts would be 3db gain, which would account for about 1/2 an S-unit.
>I'm surprised your friend could tell the difference. If you were using
>the "stock" rubber ducks on each rig, then there could be additional
>differences.

I used a discone both times. The only thing I changed was the BNC as I unscrewed it from one radio to the other! My buddy received me at about an S9 using the Alinco and about 10 over S9 using the HTX-202, in his words. This experiment was not meant to be scientific, just to confirm what my watt meter was telling me. No difference was noted in audible quality, obviously, but it was noticeable on his S-meter.

N5OFQ (just your average call sign)
David Horak (not your average Dave)
Plano, Texas (not your average plain-O town :-)

3892. Information requested on marine radio communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 22:18:44 UTC
From: wesson@gaul.csd.uwo.ca
Message-ID: <3kq7o4$rei@falcon.ccs.uwo.ca>
Source record: 250189

Does anybody know where I can get information on the radio phones that they use on ships? I have been scrounging around in the library here at university but the information is pretty sparse. I am looking for information on how they work (is it like regular radio)? What's the bandwidth of a radio phone (what frequences can they use? Are they the same frequences the globe around)? What is the error rate, are they any good for data transmission? What's the cost of a unit, and what is the cost of usage?

FYI, I am doing a paper for my communications course on satellite vs. cellular vs. other wireless technologies. I am trying to compare them on coverage, error rate, security and cost, plus the probability of implementation (that's more for the satellite stuff).

Thanks in advance.
Greg
--
Gregory J. Wesson, Computer Science Department. * wesson@gaul.csd.uwo.ca
WWW page : http://obelix.gaul.csd.uwo.ca:8080/~wesson/
"So I went from day to day/ though my life was in a rut/ till I thought of what'd I'd say/ which connections I should cut" - Solisbury Hill, Peter Gabriel

3893. Directions for Timonium Fest

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 22:24:49 UTC
From: dl278@cleveland.Freenet.Edu
Message-ID: <3kq83h$a9s@usenet.INS.CWRU.Edu>
Source record: 250190

I think I'm going to be able to get to the Maryland State Conv
at the Maryland State fairgrounds in Timonium, MD but would like
a little better directions in case there aren't signs.

I'll be coming down I83 from PA. Timonium looks to be just
N of the Baltimore beltway and E of I83. How about some
further directions?

Bill
N5LMX
.
--
email: bgraham@tecnet1.jcte.jcs.mil
ampr: N5LMX@K9IU.IN.USA.NA (but I'm in Germany (DA1WG), honest!)
"My head hurts, my feet stink and I don't love Jesus!"- J. Buffett

3894. Re: SE Michigan club working Field Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 23:02:29 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3kqaa5$eh8@umcc.umcc.umich.edu>
Source record: 250191

In article <3kq3mi$fsq@fiesta.srl.ford.com>,
Tom Allen <tea@holo5.srl.ford.com> wrote:
>Are there any southeastern Michigan clubs that still work
>Field Day?
>
>--
>Tom Allen
>

Tom, contact the Milford Amateur Radio Club...MARC. They have a field day
coming up in late June.....146.9 on 2 meters for info...
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3895. Re: Ham radio banned at San Diego Zoo.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 23:03:13 UTC
From: tmill493@bssbbs.com
Message-ID: <3J1D3c2w165w@bssbbs.com>
Source record: 250192

jangus@skyld.grendel.com (Jeffrey D. Angus) writes:

>
> In article <9503201321.AA02059@umassmed.UMMED.EDU> sbaker@umassmed.UMMED.EDU
>
> > I'm not surprised that Six Flags gave you a hard time about an HT, I had
> > check my Swiss Army Knife which I keep in a leather belt holster while at
> > 6Flags Great America last year.
>
> Unfortunately, gang activity has become a problem at several theme parks.
> While most hams (unless in a pileup) wouldn't resort to violence, the
> park operators are not about to start trying to figure out who might or
> might not use thier knife.
>
> While on the other hand, park security uses the radio to attempt to stay on
> top of disturbances. Whether justified or not, they have the right to limit
> access to park with people with radios.
>
> It's just like gun control, "I'm ok, you might be OK, but it's them others"
>
>
> --
> "Ideas are more powerful than guns. We would not let our enemies have
> guns, why should we let them have ideas." -- Joseph Stalin
>
> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
> US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

I just finished talking with the chief of security at the zoo, and he
advised he knew of no such policy. However I spoke with 2 individuals
yesterday at the zoo, and they were quick to reply that radios were not
allowed. After talking with the security chief today, he was very open to
ham bringing their radios in, and I emphasised how important it could be
if disaster struck while a ham was in the park, earthquake, etc. We could
help out with communications in emergency situations. More to follow
after I speak with him again. I will also be talking with security at the
wild animal park, and 6 flags.
73, Tuck KC6ZEC

3896. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 23:11:46 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5v73M.A26@news.hawaii.edu>
Source record: 250193
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

misrael@scripps.edu (Mark Israel) writes:

># "SOS"
># -----
>#
># SOS does NOT stand for "Save Our Ship/Souls", for "Stop Other
># Signals", for "Send Our Saviour/Succour", or for the Russian
># _Spasiti Ot Smerti_ ("save from death"). The letters, recommended
># at the international Radio Telegraph Conference of 1906 and
># officially adopted in 1908, were chosen because they were easy to
># remember, transmit, and understand in Morse code (...---...).
># They have no other significance.
>
> Let me confess that I did once have the spaces there, but I fixed
>that as a result of e-mail I got from a British radio ham in September
>(before Bob joined the Net). Looking at that e-mail again, I have
>now decided that it is worth explicitly mentioning that SOS is
>transmitted as a single symbol.
>
> Bob's original subject line was "Error in FAQ". The alleged error,
>I take it, is my use of the word "letters". That SOS is transmitted
>as a single symbol now does not disprove that letters were adopted in
>1908. I have two reference books (Collins English Dictionary and
>the Henry Holt Encyclopedia of Word and Phrase Origins) that say that
>the *letters* were adopted. In the absence of additional historical
>information (I am cross-posting to a couple of radio newsgroups in
>the hope of receiving such), I see no evidence of an error.

Hi Mark,
Rather than saying the `letters were adopted' the correct entry
should read `The prosign ...---... was adopted...''. That prosign
is represented by: ___
SOS

where the bar indicates no spaces between the `letters'. We use
letters as a close representation of prosigns. Other prosigns
that contain a `bar' are:

___ ___ __ __ __ __ __
XXX TTT AR BT SK (or VA) KN

We have prosigns without bars, too, so that a correct space is sent
between the letters.

Also, you might want to specify that it was at the Berlin Conference
of 1906 in which that distress prosign was adopted, but not until

the London Conference of 1912 that an international distress frequency
was was agreed upon (500 kc).

73 (another prosign) from Hawaii,
Jeff NH6IL

3897. IPS Daily Report - 22 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-22 23:22:47 UTC
From: rwc@ips.oz.au
Message-ID: <3kqbg7$4ul@flare.syd.ips.oz.au>
Source record: 250194
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 22/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 22 MARCH AND FORECAST FOR 23 MARCH - 25 MARCH

1A. SOLAR SUMMARY
Activity: moderate

Flares Max Fadeout Begin End Freq. Sectors
M2/-- 1641UT possible lower South American/
Atlantic

Observed 10.7 cm flux/Equivalent Sunspot Number : 94/40

GOES satellite data for 21 Mar
Daily Proton Fluence >1 MeV: 5.4E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 7.3E+07 (normal)
X-ray background: B1.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
23 Mar 24 Mar 25 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 23 Mar: 96/43

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 21 Mar
Learmonth 2 2121 0100
Fredericksburg 4 1
Planetary 5 4

Observed Kp for 21 Mar: 1120 2221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
23 Mar 08 Quiet
24 Mar 10 Quiet to unsettled
25 Mar 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
22 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
23 Mar normal normal normal
24 Mar normal normal normal
25 Mar normal normal normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
22 Mar 32 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
23 Mar 30 Near predicted monthly values
24 Mar 30 Near predicted monthly values
25 Mar 30 Near predicted monthly values
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3898. Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 00:07:18 UTC
From: unique@mcube.com
Message-ID: <7798-26391102@mcube.com>
Source record: 250195

IB>Anybody have any thing to report about the Radio Shack
IB>2m handhelds? Good, bad, indifferent, etc? I'm
IB>contemplating a low-end (not much $$) purchase.

Buying the RS HTX202 will give you the best reciever spec in the handhelds according to all three of the major ham magazines. I had three of them and not even a hiccup untill one was stolen. The only negative is they can not be modified to work anywhere execpt 144-148 megs. Don' even try it unless you intend to purchase a new radio. The best price that you will normally find is 199.99 when they are on sale.

The I had three comment really means that now I have 2 one was stolen in a burgalery and I am waiting for the sale to replace it.

KD6LBN
Richard Shelton
UNIQUE@MCUBE.COM

--
Mainframes, Minis & Micros | Desert Jewel BBS & Mall
5630 District Blvd. #114 | WWW.KERN.COM
Bakersfield, CA 93313 | TELNET DJ.KERN.COM
LandLine == 800-949-1959 | FTP FTP.KERN.COM

3899. HF Antenna Tuner for sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 00:12:26 UTC
From: glago@aol.com
Message-ID: <3kqeda$ot3@newsbf02.news.aol.com>
Source record: 250196

For sale: MFJ-941E Versa Tuner 11 with cross needle meter. 300 watts. Like new. Almost unused. With manual and box. Will cover shipping with prepayment. $100. Call (707)996-1153 or e-mail to: glago@aol.com.

3900. Number needed to get new callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 00:14:03 UTC
From: dmclean@dfw.net
Message-ID: <3kqegb$5j4@dfw.net>
Source record: 250222

Dose any one have the phone number to get new callsigns.

3901. Youthnet NEWS 013 2/23/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 00:26:32 UTC
From: Alexis Leynes N9KYJ <aleyne1@icarus.cc.uic.edu>
Message-ID: <Pine.SOL.3.91.950323002033.695A-100000@icarus.cc.uic.edu>
Source record: 250197
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Youthnet NEWS 013 3/23/95
Jennie Finch N9SAK (Founder)
Alexis Leynes N9KYJ (Editor)

Topics: Young Ham of the Year is being sought...
Hiram Percy Maxim Memorial Award
Where were we?

Due to the situation with the Westlink news report (a former amateur informational service based in California), Newsline has resumed responsibilities of the Young Ham of the Year Award.The Young Ham of the Year Award (or YHOTY for short) was conceived back in 1985 by, then the editor-in-chief of the Westlink Report, Bill Pasternak, WA6ITF. He came up with the idea back then when the nominations of the Dayton Amateur Radio Association Ham of the year award was announced. Mr. Pasternak hoped that the YHOTY award will highlight the accomplishments of the nation's many young radio hobbyists, and to encourage the entry of more young people into the exciting hobby of Amateur Radio. Because Newsline will assume the duties of the YHOTY award, this important program will remain uninterrupted in the years to come, for other young hams to enjoy, and spread the meaning of international goodwill to others.
The 1995 "Young Ham of the Year Award" is officially open to any U.S. licensed radio amateur age 18 or younger. For more information on the YHOTY award, such as nomination forms and rules, please contact send a letter to 1995 Young Ham of the Year Award, c/o Newsline, 28197 Robin Avenue, Saugus, California 91350. or send Electronic mail to billwa6itf@aol.com. Nomination forms must be turned in by June 30, 1995. This year's winner will receive his or her award at the Huntsville, Alabama, hamfest on the weekend of August 18-19, 1995. CQ magazine will be providing the winner with a VIP tour of Spacecamp / Huntsville and NASA's Marshall Space Flight Center.
Along with NEWSLINE, and Yaesu USA, CQ Magazine has also announced that they too will be co-sponsoring the YHOTY award.
"We view this award as an excellent opportunity to encourage young people in amateur radio," says Publisher Richard Ross, K2MGA, "and to show them that you don't have to be an 'old-timer' to make a significant contribution to the hobby. We are pleased to be able to add our support to keeping this award alive."
Past recipients of the Young Ham of the Year award include Shawn Alan Wakefield, WK5P, of Bartlesville, Oklahoma (1986); David Rosenman, KA9PMK, of Muncie, Indiana (1987); Jonathan Binstock, NK3D, of Potomac, Maryland (1988); Erin McGinnis, KAOWTE, of Topeka, Kansas (1989); Mary Alestra, KB2IGG, of Staten Island, New York (1990); Richard S. "Sammy" Garrett, AAOCR, of St. Louis, Missouri (1991); Angela (Angie) Fischer,

KBOHXY, also of St. Louis (1992); Kevin Boudreaux, N5XMH, of New Orleans Louisiana (1993) and Allison Zettwoch, KD4CKP of Louisville Ky. (1994). Special Thanks to Bill Pasternak WA6ITF, Richard Moseson NW2L, and NEWSLINE and CQ Magazine for the information.

Hiram Percy Maxim Memorial Award

This award was presented since 1936, whereas the Section Managers send in their nominations and an award panel chooses the awardee. The Hiram Percy Maxim Memorial Award is to be given annually to a licensed radio amateur under the age of 21, whose accomplishments and contributions are of the most exemplary nature within the framework of Amateur Radio activities, including (but not limited to) the following:
Participation or leadership in organizational affairs at the local or national level.
Technical Achievement.
Operating record.
Recruitment and training of new amateurs.
Public relations activities.
Nominations should document as thoroughly as possible the Amateur Radio achievements and contributions of the nominee during the previous calender year. Additional information concerning the character of the nominee should be as complete as possible. This years awardee will receive a monetary award, along with an engraved plaque, and travel and accommodations expenses to enable the awardee to attend the ARRL convention at which when the award will be formally be made. "The Hiram Percy Maxim Memorial Award is intended to provide encouragement, and a tangible award, for outstanding young amateurs. It should also provide an opportunity for Amateur Radio, and its many benefits for young people, to be brought to the attention of the public." Nominations from Section Managers must be received at ARRL HQ by March 31, 1995.

Special Thanks to Rosalie White WA1STO (and congratulations), Rick Palm K1CE and the ARRL staff for their cooperation.

Where were we?

Due to the situation here at school; It was becoming more and more challenging sending out Youthnet NEWS bulletins. Also due to my present location, it is also difficult to send Youthnet NEWS bulletins via packet. There is good news though to those on the Internet who are using Web browsing programs such as mosaic, Netscape, or WinWeb. Youthnet NEWS will be readily available via any of those programs soon. We'll inform you when it becomes officially available. Also, the next Youthnet NEWS topic will be on the upcoming Dayton Hamvention.

Youthnet NEWS is an amateur radio
informational service for the young
radio amateur operator.
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E-mail:
aln9kyj@mcs.com
Aleyne1@icarus.cc.uic.edu

Packet:
N9KYJ@W9ZMR.IL.USA.NOAM (this may take a while to get a response from)
Phone:
(708) 612-9306
73's DE Alex N9KYJ

3902. Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 01:01:48 UTC
From: mikef@microtech.com
Message-ID: <3kqh9s$iig@kadath.zeitgeist.net>
Source record: 250198

I've just set up a borrowed TS-120 to try my hand at HF but I'm don't know how to properly ground the system. Here is my situation. I've got the radio at my office, on the second floor. My antenna is a dipole on the roof.

The first problem is what to use as a ground point. We've got a 1" copper pipe running from the drain on our water heater into a wall to the unkown. I would need about 30' to the pipe, then the pipe runs atleast another 50' before going into the wall(ground?). Another option would be to go to a copper ground rod that has been sunk through our concrete floor. This would require a run of about 60' from the radio. Is there anything else in a building that would make a decent HF ground? Maybe the wiring conduit?

Once I've established the ground point, how do I make a good connection? As I've already discussed, my minimum run will be about 30'. Do I invest in some RG-8 and just use the shield, or is there something else that is better and cheaper that I can use?

Lastly, I assume that the radio and the power supply should both be connected to the same ground point, but what about the sheild of the antenna.

I appreciate any help the collective wisdom of the net can provide.

3903. < L.I. Tower Case - UPDATE > (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 01:50:49 UTC
From: hmn@i-2000.com
Message-ID: <3kqk5p$or1@i-2000.com>
Source record: 250199

[No readable article body recovered]

3904. Re: Repeater Antennas: Comments?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 01:56:34 UTC
From: km6xu@calon.com
Message-ID: <3kqkgi$ve@news.wco.com>
Source record: 250200

Any folks out there with low band experience?

My 51.8 MHz repeater will soon be going up to a windy (100 mph) site,
and I would like to find a gain antenna that will withstand the
environmental (wind, but little icing).

Right now I'm using Diamond's 6 dB 6 meter antenna, and this thing would
never withstand the wind up on a hill. Oh, cost is not very important,
it is better to be penny wise than pound foolish.

--
***** Mark Walsh ***** km6xu@calon.com ***** km6xu@kc6pjw ***** L10861 *****

3905. This Week On Spectrum

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 02:21:36 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <D5vFw3.8E0@starcomm.overleaf.com>
Source record: 250201
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

This weeks Spectrum will feature a visit from Arnie Coro co2kk of radio Havana Cuba's Dxers Unlimited. To our knowledge this will be the first time that a communications magazine program has ever interviewed him. We will take a look at the communications scene in Cuba and take calls from listeners.

Spectrum airs on wwcr on a frequency of 5.065Mhz. The program in addition airs on the Omega Radio Network on Telstar 302 on transponder 21 at a subcarrier of 5.8. Spectrum airs at 0300utc Sunday. That's 10pm est on Saturday evenings in North America.

Spectrum The Communications Magazine You Read With Your Ears!
Internet: spectrum@orn.com Genie: Spectrumshow@genie.geis.com

--
Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Florance, NJ (Philadelphia Area)

3906. Re: W5YI on Ham Radio & More

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 04:26:51 UTC
From: rwilkins@ccnet.com
Message-ID: <3kqtab$g0e@ccnet3.ccnet.com>
Source record: 250202

C. C. (Clay) Wynn, N4AOX (wyn@ornl.gov) recently wrote
in <wyn.292.2F701DF3@ornl.gov>:

: In article <2a6.8610.545@acenet.com> brian.carling@acenet.com (Brian Carling)
: writes:

: >LW>Do you want to know the full scoop on Fred Maia's new petition to
: >LW>the FCC? Are you curious about the new vanity callsign program? How
: >LW>does Electronic Filing work? Want Fred's opinion on these or other topics;
: >LW>then tune into the Ham Radio & More show

: >Can't! It's not on in DC!
: >---

: Why doesn't Len Winkler go for full coverage and buy air time from K1MAN,
: W1AW, or KO4TA?

He is waiting for the rules to change so he can buy air time on all those
dead two meter repeaters in all the major markets. He is looking for that
good quality FM broadcast audio. Since there are so many dead or dying
private repeaters out there, he can get his air time for less than a dime.

The impact of this petition on the amateur radio service above 30 MHz
will be far greater than any horse race on 75 meters. Make Money Fast.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3907. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 04:58:01 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.25009.795938646.drayegon@drayegon.america.com>
Source record: 250203

I HTX-202
> getting 10 watts on 13.8v. I didn't believe it until I bought
> one and tried it out for myself. Mine gets 10 watts on 13.8v
> too! My old Alinco DJ560 still puts out 5 watts in a side by
> side comparison. A friend across town on simplex confirmed my
> joy by describing S-meter comparisons of both radio's
> transmissions. The HTX-202 had a noticeable gain over the DJ560.

How did the difference between 5 and 10 watts change the s meter reading so much??

The last time I checked that is only a 3db gain.

How hot does the HT 202 get as it means it is dissapating 15 watts input to the finals?

:) Ray AD4RR

3908. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 05:00:41 UTC
From: craig54927@aol.com
Message-ID: <3kqv9p$1br@newsbf02.news.aol.com>
Source record: 250204

I have had one for over two years without a problem. I use it for packet, and throw it in the car for the trip to school. It is definetly recommended.
Craig
- KD6NFD

3909. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 05:10:26 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5vnpE.EGt@news.hawaii.edu>
Source record: 250205
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

I wrote:

>Hi Mark,
>Rather than saying the `letters were adopted' the correct entry
>should read `The prosign ...---... was adopted...''. That prosign
>is represented by: ___
> SOS

I'm beginning to dislike the vi editor!

___
The above should, of course, read: SOS

Jeff NH6IL

3910. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:02:15 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr2t7$1h5@thor.inlink.com>
Source record: 250206

Don't you guys know sarcasm when you see it....
My reply was not intended to be taken literally...
Why do you think I put down my club affiliation, spelled out completely....
.
Quit flaming me, or I'll bog down your next award for a long long time....

Gary - Radio Amateurs International Awards Registry....

3911. Re: 2M thru-glass antenna rec

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:05:02 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr32e$1h5@thor.inlink.com>
Source record: 250207

Just for the record, you can build an antea nna similar in design to a
aj-Pole using an old 102 inch whip for the parts....
It don't care if your car is plastic.
It don't even mind if you fell for the Front Wheel Drive ripoff fad.
Gary

3912. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:10:29 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr3cl$1h5@thor.inlink.com>
Source record: 250208
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Both formuli o are correct.
I've never seen a two story High Counterpoise, invite me over after you have it constructed, I want to se e how much of the sun it blocks....
Gary - N0ZOI

3913. Re: Illegal Call sign Usage

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:13:54 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr3j2$1h5@thor.inlink.com>
Source record: 250209

Hi Steve
I made a copy of this message and put it on my wall, If I hear the guy on the air, I will let you know.
I will also have our FoxHunt Team try to track him down.

You can file a lawsuit agi ainst him yourself as soon as you have his name and adr.

TTUL - 73+ de Gary - N0ZOI @ K0PFX.#STL.MO.USA.NA

3914. Re: Ramsey 220 MHz kit. Does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:17:53 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr3qh$1h5@thor.inlink.com>
Source record: 250210

I have built the 20 -meter Ramsey with no problems, it works great..
But like as Gary said, you always are missing a few parts.....
Some day they may get better w quality control....

My next project is their six-meter vr ersion...
Our club is putting up a 6-meter repeater soon and I want to get my share
of the activity, Hi Hi....

Gary - N0ZOI

3915. Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:19:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <4f6_9503242256@woodybbs.com>
Source record: 250131

KN>My rig (a TS850) gives me the choice of using "Full Breakin",
>"Semi-Breakin", or no break-in at all by just putting the rig in
>send mode.

KN>How does one decide which of these to use and when?

KN>Is one less hard on the rig than the others?

It's really up to the operator to decide which he 'feels' most
comfortable with...

IF YOU ARE AN INEXPERIENCED OPERATOR... still working on getting a
really good handle on copying CW, I'd suggest SEMI-break-in, with a
fairly long DELAY... This will allow you to switch from RX to TX
automatically and still have the transmitter stay in the TX mode while
you send each character... dropping out only when you pause long enough
for the DELAY timeout time to expire (1-2 seconds). This mode provides
some benefits... no unwanted interference received while transmitting,
'calm' and quiet sending... and some drawbacks... can't hear what's
going on on-frequency while you're transmitting.

IF YOU ARE AN EXPERIENCED OPERATOR and want to 'monitor' the frequency
WHILE you are transmitting (e.g. to keep track of activity ON frequency,
such as QRM or other activity), then FULL break-in should be considered.
Full break-in allows you to hear just about everything going on ON your
RECEIVE frequency while you transmit. This permits you to stop sending
if the other op needs to get your attention (he just starts sending to
you or hits a DAH or a DIT a couple of times to get your attention WHILE
you send)... and it allows you to know when/if a tuner-upper comes on
frequency and starts making QRM for your signal... you can stop sending
until the QRM disappears. Full break-in (QSK) also allows two ops to
converse as if they were on the phone... one sends a question and then
just pauses (not having to send 'BK' or 'K') so the other op can send
his reply... When working DX (especially split-frequency DXing), QSK is
alomst a must, because you have to know when to send and when to
transmit.. to get your call in JUST at the right time so the DX station
will hear YOU instead of the other guy. QSK allows you to know when to
STOP sending too, because even while you're sending, you can monitor for
the signal of the DX station and STOP sending as soon as you hear him
come back to you or the other guy.

If you are a beginner, QSK cna be a bit disconcerting, but once you get
the 'hang' of using it.. and the experience to use it without letting
the stuff you're hearing WHILE sending get in your way, you'll
(probably) LOVE it...I certainly do.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3916. Re: NEED HEATHKIT ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:20:18 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr3v2$1h5@thor.inlink.com>
Source record: 250211

.
To: Marcel
From: Gary
RE: Heathkit Addresses & Numbers
.
MAIN OFFICE:
Heathkit
P. O. Box 1288
Benton Harbor, MI 49023
.
FREE CATALOG:
1-800-44-HEATH
.
ORDER PHONE:
1-800-253-0570
.
FAX ORDER PHONE:
1-616-925-4876
.
CUSTOMER SERVICE:
1-800-253-0570
.
TECHNICAL CONSULTANTS:
Educational Products 1-616-925-4914
Security & Lighting 1-616-925-5181
.
PARTS REPLACEMENT:
Have Part # Ready 1-616-925-5899
.
PRODUCT REPAIR SERVICE:
1-616-925-3273
.
TTUL - 73+ de Gary - N0ZOI @ K0PFX.#STL.MO.USA.NA
.

Hope this comes through OK....

3917. Re: QSL address

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:25:46 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr49a$1h5@thor.inlink.com>
Source record: 250212

If you made a contact with MIR, they will send you a QSL card, that is how you will get their return adr.
Gary

3918. Re: Help with 13 WPM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:28:28 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr4ec$1h5@thor.inlink.com>
Source record: 250213

Just a little bit of advice....
Put everyting you have away....
If you still remember the letters, even a 2WPM your home free.

Just lit sten to the code at 22 WPM from cassette tapes with an
15 to 18 word per minute spacking....

Or if you can get the tapes that start you out at 22 WPM with 5 WPM spacing
and then move up to 10 then to 15 you'll pass that test in one week...

Gary - N0ZOI

3919. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 06:31:39 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3kr4kb$1h5@thor.inlink.com>
Source record: 250214

Use only the cold water supply line on the water heater for a ground...
As a last resort you could use the green ground on your electrical system...

In the event of a rare, lightning strike, the ground won't matter much if
your looking for protection from that....
Gary

3920. Re: Origin of `lid'

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 07:03:43 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kr6of$bav@news1.databank.com>
Source record: 250215
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

jeffrey@math.hawaii.edu (NH6IL) wrote:
>In article <3k48m6$61d@parsifal.nando.net> mmalpass@nando.net writes:
>
>>Speaking of 'lids,' anyone know the origin of this label? Acronym maybe??
>
>A very credible origin comes from the landline telegraph days.

Hi Jeff:

I've been a ham over 25 years, but I've never heard this one.
Is this only a possible explanation, or do you know for certain
that this is the origin?

73,

Jack WB3U

3921. Re: Ham radio banned at San Diego Zoo.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 07:09:51 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kr73v$bav@news1.databank.com>
Source record: 250216

>I just finished talking with the chief of security at the zoo, and he
>advised he knew of no such policy. However I spoke with 2 individuals
>yesterday at the zoo, and they were quick to reply that radios were not
>allowed. After talking with the security chief today, he was very open to
>ham bringing their radios in, and I emphasised how important it could be
>if disaster struck while a ham was in the park, earthquake, etc. We could
>help out with communications in emergency situations. More to follow
>after I speak with him again. I will also be talking with security at the
>wild animal park, and 6 flags.
>73, Tuck KC6ZEC

In light of the fact that city zoos receive government funding, has anyone considered that (temporary) confiscation of property, particularly communications equipment in the possession of a federally licensed operator, may not be legal?

Just a thought.

73,

Jack WB3U

3922. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 07:13:08 UTC
From: nobody@nowhere.anon.com
Message-ID: <3kr7a5$bav@news1.databank.com>
Source record: 250217

gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE (Al Gerheim) wrote:
>Greg Corteville (gcortevi@nyx10.cs.du.edu) wrote:
>> After reading this newsgroup for a while, I feel I should make a couple
>> of comments. It seems as though there are an inordinate number of
>> people out there who feel that the No-Code Tech is a Know-Nothing Ham.
>> The recent thread concerning correcting another Ham's misunderstanding
>> of propogation is a perfect example. I find it to be a shame that
>> people must measure how far they've come by putting others down. That
>> seems to be the attitude around here. On a local repeater I even heard
>> somebody say, "Next thing you know there will be a way that my dog can
>> get a ticket."
>>

You misspelled "propagation" . . .

3923. Re: NEED HEATHKIT ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 07:21:07 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kr7p3$bav@news1.databank.com>
Source record: 250218

mikec@primenet.com (Mike Connor) wrote:
>I am in need of the address and/or a phone # for the Heathkit company. I have
>a friend who has one of their automatic antenna tuners that needs repairing.
>Any info would be greatly appreciated. Thanks in advance.
> Mike

Last I heard, they went belly-up nearly two years ago. Maybe you
should post the model number of the tuner and see if anyone can provide
some technical assistance.

73,

Jack WB3U

3924. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 08:27:49 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3krbm7$d9g@news1.databank.com>
Source record: 250219

mikef@microtech.com (Michael A. Fallavollita, Ph.D.) wrote:
>I've just set up a borrowed TS-120 to try my hand at HF but I'm don't
>know how to properly ground the system.

Michael:

There are two reasons for grounding your rig, and each has
different requirements.

First, the rig should be grounded for safety reasons. This
includes lightning strikes, internal equipment failures, etc.
A ground for this purpose should be able to carry reasonable
current, but length (within reason) is relatively unimportant.
It is difficult to predict the capacity that might be required
to dissipate a direct lightning strike, but a 200 watt rig
should be safe for other failures with a 14 to 16 gauge ground
wire. Any internal failure should blow the fuse in the rig
long before this gauge wire overheats.

The second reason for grounding the rig has to do with RF.
Many antennas present a reactive load to the rig, and a short,
solid ground connection will prevent RF from "floating" on the
equipment. Additionally, some operators claim that a good
RF ground improves EIRP. I have not personally found the latter
to be true, but my antennas have always been horizontal, i.e.
dipoles and yagis. Perhaps the situation changes when using
1/4 wave or other types of verticals.

At any rate, the requirements for an RF ground cannot be
satisfied with a connection 30 feet long unless you're
operating on a very low frequency (well below 160M). Even
if the water heater was next to your rig, the length of water
pipe (assuming it's copper) between the heater and an outside
ground would probably introduce an unacceptable length.

Therefore, IMHO, you will need to satisfy yourself with
the fact that grounding is for safety purposes only. This
could mean that you may have to resort to other means in
order to eliminate any RF that appears in the shack.

Assuming you are feeding the dipole with coax, elimination
of RF in the shack will require that the antenna exhibit
a low VSWR on all frequencies of operation. This offers
the added advantage, of course, of minimizing feedline losses.
Also, a balun at the feedpoint might prove beneficial, but
it should not be deployed as a substitute for low VSWR.

Baluns operated within high-VSWR systems can actually worsen system balance and efficiency.

There are other techniques available if you can feed the dipole with ladder line, but considering that the rig is borrowed and the installation may be temporary, these may not be appropriate.

In the event you decide on a permanent installation, ladder line can greatly simplify a multiband installation. A little homebrew is required, but I have a technique that can enable operation on all HF bands at high efficiency, regardless of VSWR, and with no RF in the shack. It does not require specific lengths for either the feedline or antenna, nor does it require an RF ground. In a worst-case scenario, I once used the technique to feed 1KW to a 50' total length dipole on 160M. Signal reports were exceptional, particularly when compared to other feed methods. Again, the system absolutely requires a ladder line feeder, so it's not for everyone. E-mail me if you're interested.

Hope this helps - 73,

Jack WB3U

3925. Re: Timewave dsp 9+ or mfj

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 08:39:41 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795957060.AA00834@hamlink.mn.org>
Source record: 250147

Hi Jerry,
I have the TimeWave 59+ but I have never used the MFJ to be able to make a direct comparison. My use is mainly on CW, and the unit is superb for that mode. Yes, it reduces both "white noise" and static crashes.

The "extra knobs" are what make the 59+. In the CW mode they give you the ability to set the desired width and the desired "center frequency". I prefer to listen to a low pitch CW note, so I set the 59+ at a center frequency of perhaps 500Hz, and adjust the width as appropriate. Another operator may prefer a higher CW note.

Actually, the "center freq" control allows you to use the 59+ as a "mini-VFO" if you wish. Open up the filters wide on your rig in a busy part of the band, set width at a narrow value, say 50 HZ, then use the center freq control to step through the signals. Kinda neat in contests.

73, de Hans, K0HB

3926. Re: Illegal Call sign Usa

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 08:53:57 UTC
From: dit@isltd.insignia.com
Message-ID: <D5vy1y.GEs@isltd.insignia.com>
Source record: 250220

In article <950321225449164 71@cmail.com> bill.kotarski@cmail.com (Bill Kotarski) writes:
> Start keeping a log of The Date, time, Frequency you were using, and
> The call of the station you were in QSO with. And The Mode you
> were using. this gives you a record to fall back onto!
>
Is this a pointer to a big difference in licensing conditions?
In the UK, we have to keep this information for all QSOs anyway...
David
G0SYA

3927. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 09:42:40 UTC
From: micah@community.net
Message-ID: <3krfqg$rt9@odin.community.net>
Source record: 250221

I have it, my first radio (ownly radio), Have the TSP plan and I have used it a few times as well (transmit audio went out a couple of times) I find it to be verry durable (droped it from a height of 6' a couple of times) It will take Liking and keep on.... talkin. I plan to renew the TSP when it expires. If you get it, get the TSP too. I found that it comes with alot of featchurs that the other brands charge extra for, and for alot less money too. I also use it for my base radio and for Packet. A nice assory to get with it the lapell speaker mike.

I've never had any complaints about it, I've takin on trips several times, I'm going to tell you about a trip that stikes out of my mind the most.

One time I was at a California state park, that iss ontop of a mountain, at the California, Origon Border, I manage to key a repeater from there that the book said was on Mt. Hood. (I'm not shure if the repeater I keyed was in Mt. Hood or not, I need to go back there and try again), I was using the HTX-202 with a homebrew 1/4 wave mag mount ant. on my car's roof. Latter that day After Lunch, In happy camp I was scanning the band and came accross a interesting conversation (I ownly heard one side), I heard a staion calling a station saying "Ok the american station calling from (I forget the state) go ahead this is (forget the call) The persons voice had a real thick accent, and the call he was using was not a US call, and by judging the subject matter of the conversation I think I was picking up Mir (its just a guest). Every one else in the car got a Kick from listing to it; I manged to receive it for about 5min. I guess I was in the right place at the right time. (still the same ant. from previous).

http://community.net/~micah/

SOON TO BE LDS Missionary, (report to the MTC on 5-3-95)
Pennsylvania Pittsburgh Mission

==========
Lt.cmdr. Micah j. Child | Lt. Dr. Ezra N Child
USS Bismarck | USS Avenger
United Federation of Planets | United Federation of Planets
Star Fleet | Star Fleet
==========
micah@solano.comunity.net KD6PJM@WA6HAM.#NOCAL.CA.USA.NA
Internet Address Amature Radio Packet net address

Micah j. Child
KD6PJM

You can't run with the big dogs..
if you pee like a puppy.

3928. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 11:26:25 UTC
From: jcarter@orl.mmc.com
Message-ID: <3krlt1$pia@theopolis.orl.mmc.com>
Source record: 250223

In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
/There have been several posts on this group about the HTX-202
/getting 10 watts on 13.8v. I didn't believe it until I bought

I remember in the Ham test that hand held radios must be limited to
more than "8 watts". More power than that close to your face can be
damaging to your eyes and brain especially frequencies above 100MHZ.

Jim

\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
/|\ | Senior Software Engineer |_____________________|
/\|/\ K D 4 P O N | Lockheed Martin | These views are my own |
/\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
/\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
/\/\/|\/\/_____________| Orlando, FL 32819-8907 |__________73's_Jim ____|

3929. Re: Fcc tel

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 11:34:39 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795960399.AA00836@hamlink.mn.org>
Source record: 250157

GG> been issued and what it is, they will also warn you not to start
GG> useing it til you receive it ,(that may have changed,but I am not
GG>sure)

That has changed Garry. As of December 20th of last year a new
licensee can go on the air as soon as the info is entered into the
FCC database. You no longer are required to wait to touch the
actual paper copy.

73, de Hans, K0HB

3930. Q: Where is a Unix SW propagation program

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 12:51:19 UTC
From: martin.zurn@jrc.it
Message-ID: <9503231246.AA18444@dac.isei.jrc.it>
Source record: 250224

Hello SWLs and HAMs,

Most ham servers offer a variety of propagation programs for DOS
PCs, however, I'm looking for something that runs under Unix.

I'ld like something like this:

Input: Solar flux, Longitude and latitude of the 2 stations seeking
QSO, available powers + antenna gains

Output: Rough guess about signal strengths on the various ham bands,
MUF...

Thanks for reading

Martin IK2RMZ (martin.zurn@jrc.it)

3931. REVIEW: BUILD YOUR OWN SHORTWAVE ANTENNAS 2nd Ed. TAB/McGraw-Hill

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 12:51:50 UTC
From: mc@shore.net
Message-ID: <3krqt6$9vn@shore.shore.net>
Source record: 250225
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,alt.books.technical,misc.books.technical,alt.books.reviews

REVIEW: BUILD YOUR OWN SHORTWAVE ANTENNAS, 2nd Ed. Andrew Yoder TAB/McGraw-Hill

As a radio amateur I have always been interested in antennas because without one, the best radio equipment is useless. Given the sophisticated state-of-the-art in receivers and transcievers, it seems that the only area left for experimentation and practical construction projects is the antenna system.

Andrew Yoder (author of PIRATE RADIO, also published by TAB/McGraw-Hill) gives us lots of good hands-on information for the beginner and veteran alike. In the brief introduction, Yoder gives us some shortwave basics, discusses propagation and even chides the F.C.C. by reprinting a news release written by them in which they display an incredibly erroneous description of radio propagation.

The serious portion of the book begins with beginner and makeshift antennas and continues with basic discussions on horizontal, vertical antennas and transmission lines. Now equipped with some fundamental knowledge we can start to construct some antennas. Author Yoder gives some essential info on construction, tools, materials and practices, masts and supports and, most important, emphasizes safety measures, grounding and lightning protection - probably the most important considerations when discussing antennas.

Also covered are the standard half-wave dipole, end-fed Zepp, loops, rhombics, inverted vees and highly directional antennas. In addition, for those with limited space, there is a chapter on indoor, limited space and portable antenna systems that perform quite well given the limitations. Finally, there's a discussion on radio interference. The appendices include a chart of wire lengths for half-wave antennas, a bibliography and a list of suppliers.

I enjoyed reading Andy Yoder's BUILD YOUR OWN SHORTWAVE ANTENNAS and would definitely recommend it as a valuable addition to any radio enthusiasts bookshelf.

%T Shortwave Antennas
%A Andrew Yoder
%I TAB/McGraw-Hill
%C New York Ney York
%D 1994
%O $16.95
%G ISBN: 0-07-076534-0
%P 207 pages, paperbound
%K shortwave radio reception, antennas

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Michael Crestohl
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

3932. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 13:38:36 UTC
From: pmm@safn2.saf.com
Message-ID: <846@safn8.UUCP>
Source record: 250226

In article <3krbm7$d9g@news1.databank.com>, jackl@pinetree.microserve.com (WB3U) writes:
> mikef@microtech.com (Michael A. Fallavollita, Ph.D.) wrote:
> >I've just set up a borrowed TS-120 to try my hand at HF but I'm don't
> >know how to properly ground the system.
>
> Michael:
>
>
> The second reason for grounding the rig has to do with RF.

I have heard that a proper RF ground should employ a large copper
braid to maximize conductive surface area. I am going
to buy some braid for this purpose. The ground connection on
my rig is a little butterfly nut on a 3/32" threaded shaft
(Kenwood TS450SAT). Most rigs I've seen have similar
little ground connections. Won't this small connector choke the ability
of the braid to carry RF to some extent? If so, then the braid must
be connected to the chassis? In other words, can I get an effective
RF ground by connecting only a few strands of the braid to the
grounding post on my rig?

> solid ground connection will prevent RF from "floating" on the
> equipment.

The bad thing about RF in my shack is that rig doesn't funtion
properly. Strange things happen that indicate that its little
brain is fried. The computer and TNC also act up. I run a Windom
dipole fed with coax into a 6:1 balun. When I operate on bands with
a low VSWR, everything works great. The trouble starts when I
try to operate using the antenna tuner.

> the system absolutely requires a ladder line feeder, so it's
> not for everyone. E-mail me if you're interested.
>

I am interested...please e-mail me the info. I've always tried
to avoid ladder line, but now that I'm having trouble with coax
I'm willing to give it a try.
73 de WB4DPT

--
Penn M. McClatchey (Southern Aluminum Finishing Co, Atlanta, GA, USA)
Architectural Aluminum. Custom Fabrication. Paint, Powder Coating, Anodizing.
pmm@saf.com uunet!safn2!pmm Am Radio WB4DPT Voice: 404-355-1560,ext231

3933. Re: Information requested on marine radio communications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:01:54 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <3krv0i$kk1@acme.freenet.columbus.oh.us>
Source record: 250227

Gregory J. Wesson (wesson@gaul.csd.uwo.ca) wrote:
: Does anybody know where I can get information on the radio phones that they
: use on ships? I have been scrounging around in the library here at university
: but the information is pretty sparse. I am looking for information on how
: they work (is it like regular radio)? What's the bandwidth of a radio phone
: (what frequences can they use? Are they the same frequences the globe around)?
: What is the error rate, are they any good for data transmission? What's the
: cost of a unit, and what is the cost of usage?

To the best of my knowledge, most ship/shore communications are now on the
INMARSAT satellite system. It used to be that only INMARSAT-A was
available for voice, but now digital INMARSAT B and M systems are
available. Digital systems lower the price a bit. I'm not sure of
bandwidth, A systems are analog voice, and the others are digital
streams.

If you are a small ship, such as cargo, or passenger without much use for
voice, you can also use INMARSAT-C, data only (and VERY SLOW, 600 baud).
The advantage is very low cost, and low bandwidth. All systems, I think,
include a GPS receiver, for immediately sending a distress signal, with
location.

There are four satellites, in four ocean regions: Atlantic East, Atlantic
West, Pacific, Indian. They cover 95% of the earths surface. THey are
also heavily used for land applications.

:
: FYI, I am doing a paper for my communications course on satellite vs. cellular
: vs. other wireless technologies. I am trying to compare them on coverage,
: error rate, security and cost, plus the probability of implementation (that's
: more for the satellite stuff).
:

Hopefully this gives you some idea to turn to for more reference. You may
be able to get rates by calling COMSAT in the US, I don't have the address
or phone number handy. I am a C user for disaster response by the Red
Cross, we also use A systems around the world.

: Thanks in advance. : Greg
: --
: Gregory J. Wesson, Computer Science Department. * wesson@gaul.csd.uwo.ca
: WWW page : http://obelix.gaul.csd.uwo.ca:8080/~wesson/
: "So I went from day to day/ though my life was in a rut/ till I thought of
: what'd I'd say/ which connections I should cut" - Solisbury Hill, Peter Gabriel

--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

3934. Re: Number needed to get new callsign

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:05:36 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <3krv7g$ld5@acme.freenet.columbus.oh.us>
Source record: 250128

David McLean (dmclean@dfw.net) wrote:
: Dose any one have the phone number to get new callsigns.

You don't need a phone number, you need good old form 610. Simply request a new call, they will issue you the next in the sequence for your class.

Now, if you are talking about the vanity call program, the final procedures, or form (610V) isn't available yet. Keep your eyes here for more information, as it develops.

73,

--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

3935. Re: SE Michigan club working Field Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:07:04 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-2303950907040001@hideg.cc.nd.edu>
Source record: 250129

In article <3kqaa5$eh8@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler) wrote:

> In article <3kq3mi$fsq@fiesta.srl.ford.com>,
> Tom Allen <tea@holo5.srl.ford.com> wrote:
> >Are there any southeastern Michigan clubs that still work
> >Field Day?

You can try the Edison Radio Amateurs Association. They have a net on their repeater (145.33) every Thursday (8 or 9PM I forget).

There's the Motor City Radio Club, you can try to contact Bob, K3UWO, on the Edison repeater. He's usually there at 10:15PM for the Southeastern Michigan Traffic Net.

In Ann Arbor, you can try the ARROW club. Get on the 146.96 repeater.

--Steve

3936. Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:10:21 UTC
From: NEEDHAME@ZIAVMS.ENMU.EDU
Message-ID: <950323071021.8063@ZIAVMS.ENMU.EDU>
Source record: 250130

We have no ham stores within a couple of j hundred miles of here. I think the nearest might be in the DFW area -- an eight hour drive. When I was stationed at Moody AFB in south Georgia, the nearest stores that handled ham equipment were in Atlanta (240 miles) or Orlando (AES, 200 miles). So I agree -- we have very few local ham stores any more. Washington DC is NOT a good representation of the country as a whole. (On a LOT of things, but on this in particular!Hehe)

3937. Re: Uhf/vhf anti-virus fil

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:45:58 UTC
From: k0hb@hamlink.mn.org
Message-ID: <795974657.AA00840@hamlink.mn.org>
Source record: 250169

MM>A company here just developed a special high power version, which is
MM>guaranteed to handle up to 200W coutinuous output.
MM>
MM>the price is only 89 US$ and I am quite happy to take your order
MM>(pre-paid)
MM>
MM>73, Moritz DL5UH
MM>

Can I use multiple filters in parallel to handle more power?

If so, I guess I will need 25 of them for my new rig. Do you offer
a quantity discount?

73, de Hans, K0HB

3938. Re: SWR question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:47:49 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar23.144749.25504@ke4zv.atl.ga.us>
Source record: 250132

In article <she.3.011AD6CF@victor.hiof.no> she@victor.hiof.no (Sindre Helvik) writes:
>A friend of mine are using a CB arial (27MHz) on his amateur radio. He
>gets a lot of SWR on this antenna on 40 and 80 Meter (obvious).
>
>The thing is that he is quite happy with it, because he manages to tune the
>SWR down with his antenna tuner.
>
>Do you get more power out from the arial using an ordinary antenna tuner, or
>is it the tuner that burns up the reflected power?

The antenna tuner (plus feedline acting as a transmission line transformer)
is actually tuning the antenna. Much of the power does radiate, but obviously
the small antenna is less efficient than a larger one, IE the radiation
resistance is really low while the feed impedance is high, and parasitic
losses are high. And equally obviously, feedline losses and tuner circulating
losses are higher than would be the norm for a near full size antenna. Still,
the tuner/feedline combination is resonating the antenna and allowing it to
take power.

A fairly low mounted 40 meter dipole is usually only 40-70% efficient,
and this antenna is probably 20-30% efficient, acting as a voltage probe
antenna. So while not great, it's likely only 3-6 db worse than a typical
amateur installed full size antenna. That's only an S unit, and at HF that's
not usually signifcant unless he's a QRP operator, or trying to be a
"big gun" Dxer. It's probably comparable to a small magnetic loop, like
the multi-hundred dollar Isoloop, in performance, except that antenna
is primarily current driven while this one is voltage driven. The main
concern with this type of antenna is high voltage flashovers in the tuner
or feedline.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3939. Re: NEED HEATHKIT ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:50:58 UTC
From: kenman@iastate.edu
Message-ID: <3ks1si$5vh@news.iastate.edu>
Source record: 250133

In article <3kr7p3$bav@news1.databank.com>,
WB3U <jackl@pinetree.microserve.com> wrote:
>mikec@primenet.com (Mike Connor) wrote:
>>I am in need of the address and/or a phone # for the Heathkit company. I have
>>a friend who has one of their automatic antenna tuners that needs repairing.
>>Any info would be greatly appreciated. Thanks in advance.
>> Mike
>
>Last I heard, they went belly-up nearly two years ago. Maybe you
>should post the model number of the tuner and see if anyone can provide
>some technical assistance.
>

Heathkit has not gone belly-up. While they do not produce the kits that they once did, they do still have many parts in stock. They currently sell electronic training courses to tech schools and for home study. They also still sell their "most accurate clock". Sorry I don't have their phone number with me, but they have an 800 number so you could get it from 800 directory assistance.

73, Ken

--
****
Ken Anderson N0ZEM PH: 515.294.8996 Kenman@iastate.edu
126 Soil Tilth Bldg. N0ZEM@KI0Q.#CIA.IA.USA.NA
Iowa State University, Ames, Iowa 50011

3940. Re: Illegal Call sign Usa

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:53:36 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <795970416snz@microvst.demon.co.uk>
Source record: 250134

In article <D5vy1y.GEs@isltd.insignia.com>
dit@isltd.insignia.com "David Tock" writes:

> Is this a pointer to a big difference in licensing conditions?
> In the UK, we have to keep this information for all QSOs anyway...

Yes. Station records are needed to document a change of control operator
and also keep details of Spread Spectrum transmissions. Other than that,
no daily transcript of transmissions is required unless required by the
Engineer In Charge of the FCC local field office.

--

Tony - G3SKR / AA2PM email: tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3941. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:54:20 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar23.145420.25583@ke4zv.atl.ga.us>
Source record: 250135

In article <3ko2gk$osl@gorgor.pa.tetherless.com> Mark Oppenheim <Mark@Tetherless.com> writes:
>ACSB has not lived up to it's promise of being this big-time
>replacement for FM. It's a good mode, but for some reason or
>another, it just hasn't taken off. Hopefully it's use in the
>220 MHz band will spur some of this on, I'd sure like to see it.
>It's been around for what, 12-15 years, and still somewhat in it's
>infancy.

For amateurs, ACSB has little to offer over ordinary SSB. The pilot tone allows automatic tuning, but hams are used to tuning in SSB signals, so that's not the important advantage to hams that it is for commercial two-way users. And the 2x compandoring has been surpassed as a way of dealing with the noise floor by DSP processing techniques that will work with ordinary SSB.

I suspect ACSB missed it's window of opportunity about 10 years ago and is now a dead horse.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3942. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 14:57:49 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar23.145749.25666@ke4zv.atl.ga.us>
Source record: 250136

In article <3ko99v$1q2c@yuma.ACNS.ColoState.EDU> drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) writes:
>
> I noticed that the Kenwood TH-79A/D's and TH-28A's have
> the dreaded "...complies with part 15 of the FCC rules..."
> sticker on them. Is this because of the computing devices
> in them? If so, then would not all microprocessor controlled
> radios necissitate this sticker? I was under the impression
> that we were under soley part 97. Maybe I am wrong, some
> one set me straight and explain this one please.

Anything with a computing device needs Part 15 certification (at least for now, the FCC has announced plans to relax that). And of course any scanning receiver that operates above 30 MHz needs Part 15 certification too. Most of them either have a sticker, or a notice in their manual, that says they are in compliance.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3943. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 15:15:45 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar23.151545.25798@ke4zv.atl.ga.us>
Source record: 250137

In article <3kqh9s$iig@kadath.zeitgeist.net> mikef@microtech.com (Michael A. Fallavollita, Ph.D.) writes:
>I've just set up a borrowed TS-120 to try my hand at HF but I'm don't
>know how to properly ground the system. Here is my situation. I've got
>the radio at my office, on the second floor. My antenna is a dipole on
>the roof.

Unless you need lightning protection, you don't need a ground connection *at all*. You're running a balanced antenna that doesn't need to work against ground. Just make sure you are feeding it balanced, a current balun at the antenna for coax feed (or use ladder line), and don't forget to disconnect everything before a storm.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3944. The QRP Clubs List (V0.97)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 15:28:16 UTC
From: sz0026@cd4680fs.rrze.uni-erlangen.de
Message-ID: <3ks42gE9mv@uni-erlangen.de>
Source record: 250138

Reply-To: Richard Hieber <sz0026@daphne.rrze.uni-erlangen.de>
Archive-name: qrp-clubs-list
Last-Updated: 1995/03/22

---------- Begin of The QRP Clubs List ----------

==========
THE QRP CLUBS LIST The QRP Clubs List
Version 0.97
March 22, 1995
Compiled by Richard Hieber, DL8MFQ/AA8CP.
Email: <sz0026@daphne.rrze.uni-erlangen.de>
Packet: [dl8mfq@db0sif.deu.eu]

~Subject: The contents:

This file contains information about the following QRP clubs:

o 9A-QRP Club
o Arbeitsgemeinschaft CW / Activity Group Telegraphy (AGCW-DL)
o QRP Club ARI
o QRP Amateur Radio Club International (QRP ARCI)
o Benelux-QRP Club
o Grupo-QRP do Brasil
o QRP Club of British Columbia (BC QRP)
o QRP Society of Central Pennsylvania (QSCP)
o Cleveland QRP Amateur Radio Club
o Colorado QRP Club (CQC)
o CW Operators QRP Club
o EA QRP Club
o G-QRP Club (G-QRP-C)
o Italian QRP Club (I QRP)
o JARL QRP Club (JA-QRP)
o MFJ 90's Radio Club
o Michigan QRP Club (MI QRP, M-QRP)
o The QRP Club of New England (NE QRP)
o The QRP Club of Northern California (NorCal QRP)
o NorthEastern Illinois QRP Society (NEIQS)
o The NorthWest QRP Club (NW QRP)
o NorthTexas QRP Club (NorTex, NQC)
o OK QRP Club (from the Czech Republic)
o Oklahoma QRP Club (OK QRP)
o St. Louis QRP Society (SLQS)
o U-QRP Club

o WI QRP Club
o ZS-Algoa QRP Group

The ordering of this list is somewhat arbitrary though it tries to follow the alphabet :-) No weighing is intended.

Two list entries here are somewhat special:

- The "MFJ 90's Radio Club" is focussed on the MFJ 90xx series of QRP transceivers but not affiliated with the company. Rather than being a club it is more a newsletter and its readership.

- The "AGCW-DL" is not a QRP club but rather a CW club. It is in the list because of its strong QRP activites and because there is no dedicated German QRP club.

In addition to all that you'll also find information about defunct clubs and newsletters, ceased activities, 'unofficial' groups and a small paragraph about the world famous INET QRP Club ;-)

Spelling and punctuation tries to follow European standards.

~Subject: The format:

ABBR: Abbreviation
FULL: Full name
PRES: Club President
ADDR: Contact address for membership and info
SINC: In existance since ...
COST: Membership cost (yearly)
NEWS: Club newsletter, name and frequency
NUMB: Current membership numbers (approximately)
MEET: Regular meeting
QNET: QRP nets, 'on the air' meetings
PROJ: Previous and current projects
TEST: Contests, activity periods
AWRD: Awards
COMM: Comments

The NUMB entry is only meant to give a rough indication about how big the club is. The numbers given are not precise and cannot be. The number of active members is not equal to the last issued membership number - some former members are SK now or have left the club. A good indication of active membership numbers is the number of people that subscribe to the club newsletter.

The PROJ entry isn't meant to be a listing of all the building projects that any club member has ever done. Rather it should list all the projects that were designed by a club member, were realized by several others and are available as a circuit diagram, kit or whatever. This entry shows you where household names like 'Epiphyte'

or 'Sierra' originated.

Similar story with the TEST entry: It is not a list of activities the particular club *participates* in, but rather a list of activities that *originate* within the club. There is no space to give details. By supplying the name everybody can see that a special activity exists which will give him the starter to ask for more information.

I would also like to supply information about regular 'on the air' meetings of the clubs (entry QNET). If you know about such activities, please notify me; my address is at the end of this file.

In this revision of the QRP Clubs List lots of entries are empty, because information is missing. I didn't delete them to encourage feedback so that I can make the list more complete. But I know it looks stupid - so this will change in future revisions of the list.

Addresses in <brackets> are Internet email addresses; those in [brackets] are valid in the Amateur Packet Radio network.

~Subject: The list:

ABBR: 9A-QRP
FULL: 9A-QRP Club
PRES: Mladen Buzic, 9A3FO
ADDR: 9A-QRP Club
Franjevacka 5,
42220 Novi Marof
CROATIA
phone: 042 612 400
SINC: 10. April 1994
COST:
NEWS:
NUMB: 8
MEET: every last friday in month at abt 20:00 UTC
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: AGCW-DL
FULL: Arbeitsgemeinschaft CW (Activity Group Telegraphy)
PRES: Martin Hengemuehle, DL5QE
ADDR: Service-Referat:
Tom Roll, DL2NBY
Richard-Wagner-Str. 11
90513 Zirndorf
GERMANY
~~~~~~

QRP:
Ha-Jo Brandt, DJ1ZB
Eichenweg 7
84160 Frontenhausen
GERMANY
SINC: 1971
COST: 15,- DM
NEWS: "AGCW-DL INFO", two times a year
NUMB: 2.350 (assigned membership numbers)
1.900 (subscribed to newsletter)
QRP-friends: > 100
MEET: each year at Easter in Buedingen (Hessen, Germany)
QNET:
PROJ:
TEST: AGCW-DL-QRP/QRP-Party, QRP-Winter-Contest, QRP-Summer-Contest
AWRD: QRP-CW-500, QRP-CW-250, QRP-CW-100
COMM: *NOT* a QRP club, but has a strong QRP section!
Virtually every AGCW contest has a QRP class. The listed ones
are *pure* QRP contests.

~~~~~~

ABBR:
FULL: QRP Club ARI
PRES:
ADDR: Sandro Santucci, I0SKK
Via Simon Boccanegra 8
Rome 00162
ITALY
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: QRP ARCI
FULL: QRP Amateur Radio Club International
PRES: Interim President: Buck Switzer, N8QCA
(Pres. Les Shattuck, WN2V, has resigned)
ADDR: USA:
ARCI
c/o Mike Bryce, WB8VGE <73357.222@CompuServe.COM>
2225 Mayflower NW
Massillon, OH 44647

USA

GB:
Dick Pascoe, G0BPS <dick@kanga.demon.co.uk>
Seaview House
Crete Road East
Folkestone, Kent CT18 7EG
ENGLAND

SINC: 1961, adopted the 'true QRP' power limit of 5 watts in 1979
COST: USA: $14 new member, $12 renewal
DX: 7 Pounds new member, 6 Pounds renewal
NEWS: "QRP Quarterly" (QQ), quarterly (January, April, July,
October)
NUMB: 8.800 (assigned membership numbers)
1.500 (subscribed to newsletter)
MEET: de facto annual meeting at Dayton
QNET: ARCI sponsored nets:
Transcontinental Net (TCN) : Sundays, 23:00 UTC, 14.060 MHz
Western States Net (WSN-80): Sundays, 04:00 UTC, 3.558 MHz
Southeast Net (SEN) : Tuesdays, 00:01 UTC, 7.030 MHz
Gulf States Net (GSN) : Wednesdays, 02:00 UTC, 3.560 MHz
Great Lakes Net (GLN) : Wednesdays, 02:00 UTC, 3.560 MHz
Northeast Net (NEN) : Saturdays, 12:00 UTC, 7.040 MHz
Western States Net (WSN) : Saturdays, 16:00 UTC, 7.040 MHz
Some nets change frequencies and times with the arrival of
Daylight Savings Time.
PROJ: Twofer Transmitter (in the 80's)
TEST: Spring QSO Party, Fall QSO Party, a variety of sprints for
both CW and SSB
AWRD: QRP-25, WAC-QRP, WAS-QRP, DXCC-QRP, 1000-mile-per-watt
(kM/W), QRP-NET (QNI-25)
COMM: The QRP ARCI promotes on the air QRP operation, the use of
designated QRP calling frequencies, regular QRP nets, and a
program of QRP operating awards and contests. Oldest
organisation of its kind; but since the 5 watts power limit
was adopted only later, the G-QRP Club is arguably the first
real QRP club still in existance.

~~~~~~

ABBR: BQC
FULL: Benelux-QRP Club
PRES: ---
ADDR: P.O.Box 15, NL-2100 Heemstede, The Netherlands
SINC:
COST: In Holland: HFl 15 (Postgiro 1994925 for Penningmeester
Benelux, QRP-club, Haarlem)
In Belgium: BEF 300 (Postgiro 000-0789637-57 for E. Smekens,
ON4ASE, Mercatorlaan 46, B-3150 Haacht)
NEWS: "Benelux QRP Club Nieuwsbrief", in dutch with a short english
~~~~~~

summary of the main articles, published quarterly, about 50
pages.
NUMB: 550 subscribers, 750 assigned membership numbers
MEET: General meeting in september + camping weekend in june
QNET: CW : Sundays, 11:00 am local time, 3560 kHz
SSB: Saturdays, 10:30 am local time, 3795 kHz
PROJ:
TEST: BQC Activity week (end of december); BQC marathon
AWRD: Worked BQC
COMM: Benelux = active in BElgium, the NEtherlands, LUXemburg.
Most members from PA, some from ON, only a few from LX.
The club runs a small pcb and copy service.

~~~~~~

ABBR:
FULL: Grupo-QRP do Brasil
PRES:
ADDR: P.O.Box 700
28600 Nove Fribargo
Rio de Janeiro
BRASIL
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: BC QRP
FULL: QRP Club of British Columbia
PRES: Derry Spittle, VE7QK
ADDR: 1241 Mount Crown Road,
North Vancouver,
BC V7R 1R9 Canada
<jds@freenet.vancouver.bc.ca>
[VE7QK@VE7KIT.#VANC.BC.CAN.NA]
SINC: 1984
COST: $5.00
NEWS: Four Newsletters/year following each meeting. These are mailed to
members and posted on the Internet (QRP-L) and packet (QRP@USA)
NUMB: 35
MEET: Quarterly lunch meetings alternating between the Lower Mainland
and Vancouver Island
QNET: Currently three SSB nets daily. At 1600 & 1900PST on 3729KHz

At 2230PST on +/-3760KHz with NorCal hams. Subject to change
with propagation.
PROJ: Epiphyte, Neomyte and other SSB Transceiver projects.
Construction articles have appeared in QRPp (NorCal Journal)
and SPRAT (G-QRP Club Journal)
TEST: (Participation in NorCal and ARCI contests only)
AWRD: ---
COMM: Focuses on the design and construction of QRP SSB transceivers.
Club is affiliated with NorCal (QRP Club of Northern California)

~~~~~~

ABBR: QSCP
FULL: QRP Society of Central Pennsylvania
PRES: John Jaminet, W3HMS (Tech); Bob Wicks, W3HAH (Admin)
ADDR: Cameron Bailey, KT3A
PO Box 173
Mount Wolf, PA 17347-0173
USA
SINC: 1993
COST: US: $4.00 for the newsletter
NEWS: "QRP Gazette"
NUMB: 13
MEET: Monthly, third Monday. Contact KT3A for locations.
QNET:
PROJ: SWR Meter
TEST: Regular field operations as a group.
AWRD: ---
COMM: Meetings 98% technical/operational - Admin 2%.
Serving the needs of local QRP'ers in Central PA.

~~~~~~

ABBR:
FULL: Cleveland QRP Amateur Radio Club
PRES:
ADDR: Bruce A. Wright, N8MWL
P.O. Box 14052
410 Superior Ave.
Cleveland, OH 44114-9998
USA

SINC: 1993
COST: ---
NEWS: ---
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: Still alive?

~~~~~~

ABBR: CQC
FULL: Colorado QRP Club
PRES: Rich High, W0HEP, <W0HEP@aol.com>
ADDR: Colorado QRP Club <CQC@aol.com>
14261 E. 4th Ave. #161
Aurora, CO 80011-8711
USA
Tel. 303-344-1220, Fax: 303-344-0741
SINC: January 1994
COST: US: $10.00
NEWS: "The Low Down", bi-monthly
NUMB: 109
MEET: bi-monthly (Jan., Mar., May, July, Sept., Nov.)
QNET: Local interest in QRP stimulated by weekly Monday night CQC
QRP Information Net held on linked 2 meter repeaters in
Denver and Colorado Springs covering Cheyenne, WY to Pueblo,
CO (200 miles). (8:00 pm, 147.225, 145.160, simplex: 146:445)
PROJ:
TEST: Winter QSO Party (Feb.), Summer QSO Party (Aug.)
AWRD: Colorado QRP Counties Award
COMM: QRP programs are also given to other area ham clubs.

~~~~~~

ABBR:
FULL: CW Operators QRP Club
PRES:
ADDR: Kevin Zietz, VK5AKZ
41 Tobruk Ave.
St. Marys, SA 5042
AUSTRALIA
SINC:
COST: VK: A$10, ZL: A$12, DX: A$14
NEWS: "LO KEY"
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR:
FULL: EA QRP Club
PRES:
ADDR: Sr. Miguel Molina, EA3EGV
Avenia Rio de Janeiro 123 2-1
08016 Barcelona
SPAIN
~~~~~~

SINC: November 1993
COST:
NEWS: "QU-ERE-PE", in Spanish, quarterly
NUMB: 50
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: The now defunct EA8 QRP-DX Club has been a predecessor of
this club.

~~~~~~

ABBR: G-QRP-C
FULL: G-QRP Club
PRES: Rev. George Dobbs, G3RJV <g3rjv@gqrp.demon.co.uk>
ADDR: The G-QRP Club <g3rjv@gqrp.demon.co.uk>
Rev. George Dobbs, G3RJV
St. Aidan's Vicarage
498 Manchester Road
Rochdale, Lancs OL11 3HE
UK
Tel/fax: 0706 31812 (+44 706 31812)

There are local representatives in

AUSTRIA:
Johann Auerbaeck, OE6JAD
Kirschenhofersolg. 120
A-8241 Dechantskirchen
Tel. 3339-23335

BELGIUM:
Rene Anrijs, ON4KAR
Fonds des Vaulx 69a
B-5640 Biesme-Mettet
Bank Account: 250-0062335-49
Tel. 071/ 726039

FRANCE:
Jean-Michel Yeromonahos, F5OQO
2, Allee d'Hamadan
91400 Orsay

GERMANY:
Rudi Dell, DK4UH
Weinbietstr. 10
W 67459 Bohl-Igglheim
Tel. 06324/64116

NEW ZEALAND:
Mike Sheffield, ZL1ABS
~~~~~~

Albany Highway
AUCKLAND
1 R D Albany

THE NETHERLANDS:
Peter Halpin, PE1MHO
Ch. Kohlerst. 69
Tel. 074 771832
Postgiro 2730858
7558 VB HENGELO

USA:
G-QRP Club
Mike Kilgore, KG5F
2046 Ash Hill Rd.
Carrollton, TX 75007

SINC: 1974
COST: UK: 6 Pounds
abroad 6 Pounds or $14
At local representatives:
DL: DM 18
F: Frs 60
ON: BEF 350
PA: HFL 21.50
USA: $ 12
ZL: NZ$ 15
All cheques must be made payable to "G-QRP CLUB".
NEWS: "SPRAT" (Small Powered Radio Amateur Transmitter), quarterly,
abt 40 pages. Bylaws specify that SPRAT shall always contain
at least 60% technical material.
NUMB: 8.000 (assigned numbers)
4.500 (currently subscribed to newsletter)
MEET: Mini-Convention in Rochdale (QTH of G3RJV),
Yeovil QRP and Construction Convention, Summer QRP Party,
German section: in Koenigswusterhausen in October,
in Pottenstein in May
QNET:
PROJ: Sudden Receiver
TEST: Winter Sports
AWRD: QRP-WAC, QRP-Master, QRP-Countries, Worked G-QRP Club, Two-way
QRP, CW Novice,
Chelmsley Trophy, Suffolk Trophy, G4DQP Trophy, Partridge
Trophy, G2NJ Trophy
COMM: The largest QRP club in the world, by active membership
numbers! The Club is also a prolific book producer, most of
which are available from the RSGB.

~~~~~~

ABBR: I QRP
FULL: Italian QRP Club
~~~~~~

PRES: ---
ADDR: Contest: Marcello [ik7hin@i7ozv.ipug.ita.eu]
How to join: Franz [i7ffe@ik7nxq.ipug.ita.eu]
SINC: October 1994
COST: ---
NEWS: ---
NUMB:
MEET: before june or july 1995 will be a nice qrp meeting in a
lovely locality of central italy.
QNET:
PROJ:
TEST: QRP Spring Test
AWRD: I QRP Club Award (IQCA)
COMM: No president, no secretary, no subscriptions dues.
If you will contribute to I QRP Club you're welcome.
Accepted only SAE, IRC, for correspondence.

~~~~~~

ABBR: JA-QRP Club
FULL: JARL QRP Club
PRES: Takahisa Masuzawa, JH1HTK
ADDR: PO Box 9
Tsubata
Ishikawa
929-03
JAPAN
SINC: 1956
COST: 3 000 yen (abt. 30$ US)
NEWS: "THE QRP NEWS" (in Japanese)
NUMB: 100
MEET: general meeting in May
QNET: Sundays, 11:00-11:30 UTC and 23:00-23:30 UTC,
7003 KHz and 7013 KHz, CW only.
PROJ: planning to produce a "QRP Handbook" for beginners
TEST: JARL Contests with low pwr category (?)
AWRD: QRP 100 Stations/W, 1000 km/Total Power
COMM:

~~~~~~

ABBR:
FULL: MFJ 90's Radio Club
PRES:
ADDR: Joe Falcone, AA8HV, Editor
3000 Town Center
Suite 2370
Southfield Mich 48075
USA
SINC: 1993
COST: None. The editor asks for articles from the users.

NEWS: "The Nineties", 6 to 10 issues annually.
Concentrating on the MFJ 90xx series of TRXes.
NUMB: abt 150
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: The MFJ club is not affiliated with the company. It was
started and is being run by Joe Falcone as a non-profit
service.

~~~~~~

ABBR: MI QRP, M-QRP
FULL: Michigan QRP Club
PRES: Lowell D. Corbin, KD8FR <KD8FR@aol.com>
ADDR: L.T. Switzer, N8CQA
Michigan QRP Club
654 Georgia Ave
Marysville, MI 48040
USA
SINC: January 19, 1978
COST: US: $7 new member, $5 renewal; DX: $12 new member, $10
renewal
NEWS: "The Five-Watter" (T5W), abt 20 pages, quarterly, all
original articles
NUMB: approx. 1300-1400
MEET: 1st Sat. each Month 10am Country Jim's Rest. Davison, MI
QNET: MI-QRP Net, Tuesdays eves 9pm EST & ESDT, 3.535 MHz
PROJ: ---
TEST: Michigan QRP Club Contest (MI QRP Test)
AWRD: Net Check-In Certificate
COMM: Very cool pins ($5) and coffee mugs ($7) available. Shares
table with G-QRP and ARCI at Dayton. You can start a local
"chapter" in your neighborhood, details via Buck N8CQA.

~~~~~~

ABBR: NE QRP
FULL: The QRP Club of New England
PRES:
ADDR: Jack Frake, NG1G
PO Box 93
Barnard, VT 05031
USA
SINC: 1991
COST: US: $10 new member, $7 renewal
NEWS: "72", quarterly
NUMB: 210
MEET:

QNET:
PROJ: 79er transmitter, NE40-40, NE30-40
TEST: QRP-Afield, 79er Colorburst Sprint
AWRD:
COMM: The club project: The idea was 40 meters for $40, and 30
meters for $40, hence the names.
QRP-Afield is a terrific little contest that takes home-brew
rigs out into the field to be used the way they were designed
to be used.

~~~~~~

ABBR: NorCal QRP
FULL: The QRP Club of Northern California
PRES: Doug Hendricks, KI6DS, <dh@deneb.csustan.edu>
ADDR: Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821
USA
SINC: June 1993
COST: Membership is free but subscription to newsletter is not.
US: $10; Canada: $15; DX: $20 (airmail)
NEWS: "QRPp", quarterly (March, June, September, December), SPRAT
size, abt 72 pages
NUMB: > 1.000
MEET:
QNET: ---
PROJ: Sierra, NorCal-40(a)
TEST: Spring QRP to the Field
AWRD:
COMM: Yearly club projects, monthly meetings, small get togethers.
Membership numbers are growing really fast!

~~~~~~

ABBR: NEIQS
FULL: NorthEastern Illinois QRP Society
PRES:
ADDR: Don Kozlovsky, KE9GG
28 W 256 Purnell Rd.
West Chicago, IL 60185
USA
SINC: 1991
COST: ---
NEWS: "NEIQS Newsletter", quarterly (SASE)
NUMB: 85
MEET:
QNET: NEIQS Net, 0200Z Wednesdays 3.560 MHz
PROJ:
TEST:
AWRD:

COMM:

~~~~~~

ABBR: NWQ, NW QRP
FULL: The NorthWest QRP Club
PRES:
ADDR: Bill Todd, N7MFB
NW QRP Club
2418 55th Ave. SW
Seattle, WA 98116
USA
SINC: 1992
COST: US: $10 new member, no annual dues
NEWS: "The NWQ Newsletter", bi-monthly
NUMB: 250
MEET:
QNET: NWQRP Net, 0400Z Tuesdays 10.123, 1530Z Saturdays 7.035 MHz
PROJ:
TEST: NW QRP Club Contest
AWRD:
COMM:

~~~~~~

ABBR: NorTex QRP (NQC)
FULL: NorthTexas QRP Club
PRES: Chuck Adams, K5FO, <adams@chuck.dallas.sgi.com>
ADDR:
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: OK QRP
FULL: OK QRP Club
PRES: Petr Doudera, OK1CZ
ADDR: Petr Doudera, OK1CZ
U 1.baterie 1
162 00 Praha 6
CZECH REPUBLIC

There are contacts to a Slovak QRP group:
QRP rubric
~~~~~~

Roman Vavro
Latoricka 15
821 07 Bratislava
SLOVAKIA

SINC:
COST: 15 IRC's or $10, DM 15, 5 GB Pounds. IRC's preferred.
NEWS: "OK QRP INFO" (OQI), quarterly, has English translations for
most of the text, SPRAT-size, abt 30 pages
NUMB: 200
MEET:
QNET:
PROJ:
TEST: Europe for QRP Weekend, CZEBRIT, QRPp Activity Day
AWRD: Worked OK-QRP Club Award
COMM: Not to be confused with the Oklahama QRP club!

~~~~~~

ABBR: OK QRP
FULL: Oklahoma QRP Club
ADDR: Don Kelly, KA5UOS
703 West 8th St.
Edmond, OK 73003
USA
SINC: 1988
COST: $10
NEWS: "Oklahoma QRP", quarterly but somewhat irregular. Backissues
available.
NUMB: 120
MEET:
QNET: Oklahoma QRP Net, 1430Z Sundays 7.060 MHz
PROJ:
TEST:
AWRD:
COMM: Not to be confused with the OK QRP Club in the Czech Republic!
All newsletter articles include a basic understanding of how
each circuit functions. "Our aim is to help the new ham make
the transition from kits to scratch homebrew."
Don Kelly is not the editor of the club newsletter
any more - he has turned that over to somebody else, but will
probably resume after finishing school.

~~~~~~

ABBR: SLQS
FULL: St. Louis QRP Society
PRES: Andy Becker, W0NVM
ADDR: c/o Keith Arns, KC0PP
2832 Penbrooke Lane
St. Charles, MO 63301
USA

SINC: November 1987
COST: $12.00
NEWS: "The Peanut Whistle", monthly
NUMB: 40-45
MEET: Third Wednesday of each month, at Florissant Valley Community College
QNET: First Wednesdays of the month, 8:00 p.m., on the 145.33 (-600) repeater.
PROJ: many club generated kits, mostly reproductions of other designs, for club members only.
TEST: Homebrew Competition (in January)
AWRD: Annual Member's Service Award
COMM: Events: Field Day, Fall Outing, Tailgate Sale, Annual Dinner Meeting.
SLQS is a *local* club. Members wishing to join should live in our immediate metropolitan area and are requested to attend at least one meeting before joining.
SLQS has no by-laws, elected officers and other formalities. We have a volunteer president or "master of ceremonies" and a volunteer treasurer.

~~~~~~

ABBR: U-QRP
FULL: U-QRP Club
PRES:
ADDR: P.O. Box 100
Saransk - 31
RUSSIA 430031
SINC:
COST:
NEWS: The newsletter is in Russian.
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~~~~~~

ABBR: WI QRP Club
FULL:
PRES:
ADDR: WI QRP Club
PO Box 111
Brandon, WI 53919-0111
USA
SINC:
COST: Dues voluntary - $5 to $10 suggested.

NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM: Is this club still alive? (Probably not - didn't get off the
ground ...)

~~~~~~

ABBR:
FULL: ZS-Algoa QRP Group
PRES:
ADDR: Walde M. Bartie, ZS2WM
Algoa Branch SA Radio League
P.O.Box 10050
Linton Grange
Port Elisabeth 6015
South Africa
SINC:
COST:
NEWS:
NUMB:
MEET:
QNET:
PROJ:
TEST:
AWRD:
COMM:

~Subject: Defunct clubs and newsletters, ceased activities:
---

o QRP society of the UK (1949-1964?)
o Pacific Amateur Radio Group (?)
o Illinois QRP Society (ILQRPS) (?)
o "K5FO QRP newsletter" (1994)
o "The Milliwatt" (1970-1975)
o EA8 QRP-DX Club

~Subject: 'Unofficial' groups:
---

o The DRAGONSLAYERS QRP Group

This is mainly a Dutch group of amateurs with guest members
from two other countries only. Dick Pascoe, G0BPS, is the only
British member. Three Germans are also members being a family,
~~~~~~

husband, wife and son. There are no membership fees, no magazine, no contests etc, just a group of friends. Membership is by invitation only!

o Zuni Looper Mountain Expeditionary Force

This is a local gathering of QRP ARCI members in Southern California, who operate Field Day with QRP; the name refers to the particular part of the State or National Park they always operate from (the Zuni Loop area of the park). They are well known and admired for the *HUGE* wire antennas they erect.

o Maryland Milliwatt Club

The club was founded in 1992 by two members. Membership is by invitation only. Mailing Address: Maryland Milliwatt Club, 3052 Fairland Rd, Silver Spring, MD 20904.

o World QRP Federation (WQF)

The only thing I know is that Gus, G8PG is president. I suppose it's a kind of QRP cover organisation. Can anyone give more info on this?

o The WVQRP Commandos

o The LIMARC QRP Heavy Hitters
(LIMARC = Long Island Mobile Amateur Radio Club)

o Old Coots QRP Group

~Subject: Acknowledgments:

I was using the club list maintained by Bill Kelsey, N8ET, as a basis for this list. Much later when perusing the QRP-L archives I discovered that Chuck Adams, K5FO, had already compiled a list which contained clubs that I didn't know about. Additional information came from other contributions to QRP-L and from assorted printed material, most notably publications of the G-QRP Club. Thanks for very helpful contributions and corrections from (sorted by callsign):

Predrag, 9A3ZI, [9A3ZI@9A1CRA.HRV.EU]
Guenter, DL2LBF, [dl2lbf@db0hro.deu.eu]
Goran Hosinsky, EA8YU, <goran@royac.iac.es>
Dick Pascoe, G0BPS, <dick@kanga.demon.co.uk>
Hidehiko Komachi, JA9MAT [ja9mat@ja9ihi.jpn.as]
Walter Palings, ON7PX, <Walter.Palings@belspo.be>
[on7px@on4cp.vbt.bel.eu]
Chuck Adams, K5FO, <adams@chuck.dallas.sgi.com>
Rich, K7YHA, <K7YHA@aol.com>
Cameron Bailey, KT3A, <C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL>
Peter Calcandy, N2KPY, <pcalcand@sescva.esc.edu>

Bill Kelsey, N8ET, <N8ET@delphi.com>
David Gauding, NF0R, <david.gauding@slug.st-louis.mo.us>
Charlos Potma, PA3CKR, <charlos@rivm.nl>
John D. Spittle, VE7QK, <jds@freenet.vancouver.bc.ca>
Rich High, W0HEP, <W0HEP@aol.com>
L.B. Cebik, W4RNL, <cebik@utkvx.utk.edu>
Byron, WA8LCZ, <Byron8LCZ@aol.com>
Mike Czuhajewski, WA8MCQ, <Mike.Czuhajewski@hambbs.wb3ffv.ampr.org>
Paul, WB8ZJL, <prvalko@vela.acs.oakland.edu>

Special thanks go to one great club that hasn't been mentioned yet,
and this file would not not exist if the net did not exist:

o The Internet QRP Club (INET QRP)

Members meet constantly on a facility called the QRP-L mailing list.
This mailing list is maintained by Majordomo. Send mail to
<listserv@netcom.com> with the following commands in the body of the
message (the subject is ignored)

To subscribe: subscribe qrp-l
To unsubscribe: unsubscribe qrp-l
For more information: help

To send a message to the list, mail it to <qrp-l@netcom.com>.

~Subject: Legalese:

Copyright 1995 by Richard Hieber, DL8MFQ/AA8CP. Permission is granted
to copy and redistribute this document for noncommercial purposes
provided that it remains complete and unmodified and reasonable
attempts are made to use the latest version.

The editor makes no guarantee as to the usefulness of the information
provided herein. The editor takes no responsibility for any damages
resulting from the information provided in this list. If you are in
doubt, please post a question to the QRP-L mailing list or ask your
local elmer :-)

~Subject: Update information:

This is what I call a beta version of the QRP Clubs List. I intend to
to make this list up to date and as complete as possible. Therefore I
need your help.

If you find outdated information or errors in this list, please let me
know. If you know of any QRP club that you feel should be in this
list, then let me know, too. The same applies if you have ideas on how
to improve this list. Since English is a second language to me, I'd
also be grateful for hints on mistakes with grammar or vocabulary.

Please note that I try to stick to European conventions in spelling
and punctuation 'cause this is what I learned in school.

For the most up-to-date copy of this list, send email to
<sz0026@daphne.rrze.uni-erlangen.de> or a packet radio message to
[dl8mfq@db0sif.deu.eu]. From version 1.00 onwards this file will be
available via a FTP site also (probably SUNSITE.UNC.EDU).

```
\\|//
(^ ^)
+---------------------------------------oOO--(_)--OOo---+
| Vy 72 de Richard (DL8MFQ @ DB0SIF.DEU.EU) in Erlangen |
+-------------------------------------------------------+
```

alias AA8CP G-QRP #7417 AGCW-DL #2168
Internet: <sz0026@daphne.rrze.uni-erlangen.de>

---------- End of The QRP Clubs List ----------

3945. Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 15:33:44 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-2303951033440001@hideg.cc.nd.edu>
Source record: 250139
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

This is probably a re-hash of this thread, but I never saw the beginning of it.

I may have an opportunity to put a 440 repeater on a 13-story or 15-story building. This is in South Bend, IN so there can be a fair amount of wind.

I have a Diamond X-500HNA, which has been my initial choice. I may need to go with something a bit lower-profiled (because of wind and aesthetics).

One antenna I was looking at was Cushcraft's dipole array that you erect with a piece of mast. This antenna is about 8 feet tall (compared to the X-500 at 18 feet).

Any other suggestions?

--Steve, N8HSC
hideg.1@nd.edu

3946. Re: Dif. between FT-530 and TH-79A?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 15:34:40 UTC
From: mikef@microtech.com
Message-ID: <3ks4eg$7om@kadath.zeitgeist.net>
Source record: 250140

In article <3kd5om$rkh@floyd.santarosa.edu>,
jthompso@nermal.santarosa.edu says...
>
>Hello all,
>
>I have a friend who is considering purchasing a Kenwood TH-79A handheld
dual
>band HT. I have a FT-530. I am wondering what the differences are
between
>these two and which one you would recomend of these two. If you know
>anything about what features these have an comparisons between the two
>please e-mail me or post here. I will really appreciate any replies I
can

I can offer some information about these two radios. I bought an FT-530 over a year ago when I got my ticket. When my wife passed her exam in May, I expected to get her a 530 as well but when we went looking, the TH-79A had just come out and caught her eye. Of course it was the most expensive dual-bander HRO had!

Let me start by saying that I really like my 530. However, there are some really nice features on the Kenwood. I think the alphanumeric display is really nice. Especially since there are so many repeaters in the SF Bay area. It is sometimes hard to keep them straight. The 79A is also considerably smaller. That was its main selling point for Anamaria. It fits nicely into her purse even with the rubber duck.

As far as other features go, the only other possible advantage of the TH-79A is the menu system for various features. It means you don't need the manual for a lot of things. Nonetheless, when I tried to remember how to enter a station in memory, it took a while to figure it out.

Both radios have essentially the same features as far as the transmitter/receiver go. I'm not sure what mods are available for the TH-79A but I've done the extended transmit/receive so I can use the 530 as an emergency backup for my marine VHF. One feature that the 530 has that I don't think is on the TH-79A is tone-scanning. If you don't know the PL on a station, and either it re-broadcasts the tone or you can get hear someone on the input, then you can scan for the tone to open the repeaters squelch. I've found that to be handy on a number of occasions.

In short, I think your friend will be quite happy with either radio.

Oh, one little difference is that the FT-530 has separate squelch nobs as the outside part of the volume controls for the two bands. The TH-79A sets the squelch with key presses. A little harder to make adjustments

if you need to do it often.

3947. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 15:40:49 UTC
From: little@iamu.chi.dec.com
Message-ID: <3ks4q1$2lq@jac.zko.dec.com>
Source record: 250141

In article <3krbm7$d9g@news1.databank.com>, jackl@pinetree.microserve.com (WB3U) writes:
|>mikef@microtech.com (Michael A. Fallavollita, Ph.D.) wrote:
|>>I've just set up a borrowed TS-120 to try my hand at HF but I'm don't
|>>know how to properly ground the system.
|>
|>The second reason for grounding the rig has to do with RF.
|>...
|>Assuming you are feeding the dipole with coax, elimination
|>of RF in the shack will require that the antenna exhibit
|>a low VSWR on all frequencies of operation. This offers
|>the added advantage, of course, of minimizing feedline losses.
|>Also, a balun at the feedpoint might prove beneficial, but
|>it should not be deployed as a substitute for low VSWR.
|>Baluns operated within high-VSWR systems can actually
|>worsen system balance and efficiency.

Please explain this relationship between VSWR and RF in the shack?
RF in the shack is strictly a matter of feedline radiation and can
occur just as easily with a 1:1 VSWR as a 10:1 VSWR.

|>...
|>In the event you decide on a permanent installation,
|>ladder line can greatly simplify a multiband installation.
|>A little homebrew is required, but I have a technique that
|>can enable operation on all HF bands at high efficiency,
|>regardless of VSWR, and with no RF in the shack. It does
|>not require specific lengths for either the feedline or
|>antenna, nor does it require an RF ground. In a worst-case
|>scenario, I once used the technique to feed 1KW to a 50'
|>total length dipole on 160M. Signal reports were exceptional,
|>particularly when compared to other feed methods. Again,
|>the system absolutely requires a ladder line feeder, so it's
|>not for everyone. E-mail me if you're interested.

I think everyone here would be interested in hearing how you turned
a 50' dipole into an efficient antenna system on 160M. Feedline losses are
only a part of the picture with respect to antenna system efficiency.

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

3948. Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 15:49:11 UTC
From: rburgan@detroit.freenet.org
Message-ID: <3ks59n$8ve@detroit.freenet.org>
Source record: 250142

I'm looking for red plastic sheets that I can cut up for filters/
bezels in front of LEDs (red) used for counter displays. I
need something about 1" by 5", but would be nice to have something
a little larger for other projects. Someone I'm sure will come
up with an answer I should have thought of, but so far I've
not found anything I can use. We do not have any hobbycraft
stores in our area.
--

3949. WANT HAM FTP SITES!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 16:01:05 UTC
From: tony@gcr1.com
Message-ID: <3ks5nq$1399@tetsuo.communique.net>
Source record: 250143

Anyone have a list (short or long) of any HAM FTP's ?
-
reply at: tony@gcr1.com

3950. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 16:08:38 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Mar23110838@rinhp750.gmr.com>
Source record: 250145

In article <1995Mar21.103947.1@vax.sonoma.edu> harrisok@vax.sonoma.edu (Ken Harrison) writes:
In article <3klmkk$k9k@news.bu.edu>, david@med-buspheb.bu.edu (David Gagnon) writes:
> Tom Speairs (tspeairs@intnet.net) wrote:
> : In article <3k7bdp$hm3@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) wrote:
>
> : One BIG feature, IMHO, is the $40 extended warranty on the RS handies. You
> : have to have experienced the pain ($$$) and aggravation (shipping, etc.)
> : of sending a japanese radio to the left coast to appreciate the "just drop
> : it off at any RS, anytime" service.
>
> This is very true. I returned 3 of them over a three month period before
> getting one that worked. I've had the last one for over a year now.
> They were embarassed as hell when I kept coming back, but they cheerfully
> replaced them all. Don't buy it without the extended warrantee.
>
> >David, N1QGK<

Or put your $40 into a radio that you don't have to return 3 times
to get one that works... In that way, you'll save some headaches.

Just a thought...

Ken

I know quite a few folks that own HTX-202 and HTX-404 radios Ken.
I've even sold a few of them. All in all well over a dozen. I bought
one of each for my personal use. I don't know why David N1QGK had so
much trouble. It must be some kind of statistical anomoly. The "HTX"
series radios are regarded as very reliable radios both in my personal
experience and here on the net. The Maxon folks have very good QA.

Reliability has become a rather moot point anyhow. Automated assembly
and large scale integration has reduced the potential for manufacturing
errors to a very low number. The average life expectency of semiconductors
is listed in decades. We've come to expect electronic devices to
work "first time, every time".

I think that those radios have a couple of unique advantages that far
distance them from the rest of the pack. They are the only contempory
handheld radios whose front ends are filtered to receive ham-band-only,
thus reducing interference from out of band signals. The second unique
advantage is that Tandy Service Plan. No one else has it. Think about
it. What's the first and biggest worry a potential buyer has when buying
second hand equipment? "Is there some hidden flaw? Will it work a week
from now... a month from now... a year...". The five year coverage of

the TSP can assure the prospective customer that it WILL work until 2000 or Radio Shack will replace it. If you choose to keep it then the TSP will assure you that you will not have to pay for a repair, or even shipping until the turn of the century. Remember: it's not an extended warranty. It's a service plan.

When the battery broke off my two week old $500 icom radio the fine folks at icom said it was not covered by the warranty and suggested I send them $65 for a new battery. Since then I've had to replace the power connector and, later the antenna connector. This "top of the line" radio has taken a bit of wear and tear in a very bad way. I'm sure a $40 service plan would have been a good investment. As it is, I would have spent 5 times that much to repair the radio had I not been so darned cheap and waited until I had time to do it myself. (Shop estimate for power connector $65, for antenna connector $60, for battery $65)

All those things would be covered by the TSP.

(Yes, I DO work part-time for Radio Shack. I apologise to the net for this bit of salesmanship... please forgive me.)

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

3951. Re: Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 16:39:30 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar23.163930.26453@ke4zv.atl.ga.us>
Source record: 250146
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <hideg.1-23039510334400001@hideg.cc.nd.edu> hideg.1@nd.edu (Steve Hideg) writes:
>This is probably a re-hash of this thread, but I never saw the beginning of it.
>
>I may have an opportunity to put a 440 repeater on a 13-story or 15-story
>building. This is in South Bend, IN so there can be a fair amount of wind.
>
>I have a Diamond X-500HNA, which has been my initial choice. I may need to
>go with something a bit lower-profiled (because of wind and aesthetics).
>
>One antenna I was looking at was Cushcraft's dipole array that you erect
>with a piece of mast. This antenna is about 8 feet tall (compared to the
>X-500 at 18 feet).
>
>Any other suggestions?

The Cushcraft 4-pole is a piece of crap, and the Diamond is subject
to lightning damage, and UV damage to the radome. The Comet repeater/
base antenna is better, but the wind will whip it around a lot. I've
had one at 970 feet on a TV tower for 4 years now, it's got burns all
over it from lightning strikes, it bends nearly flat in heavy winds,
but it's still working. For the $124 I paid, it's *Recomended*.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3952. Repeater listing on net

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 16:51:55 UTC
From: windhorn@ic.mankato.mn.us
Message-ID: <3ks8vb$hka@Oak.IC.Mankato.MN.US>
Source record: 250148

Is there a listing of repeaters somewhere on the net?
Thanks for help.

Allen Windhorn WA0OHE
Kato Engineering

3953. W5YI petition...HF on a bicycle?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 17:15:20 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503231114.ZM12166@SALCIUS2>
Source record: 250149

This isn't really related to the thread about banning 1-way broadcasts...

>Time out! HF rig on a bicycle? That's a bit of a stretch of my
>credulousness.

I operate 20 meter SSB on my bicycle. I just returned from a two week vacation in Hawaii where I made 97 contacts on my bicycle-mobile HF station.

I made contacts with Australia, New Zealand, Japan, Argentina, Canada, and the U.S. mainland as far away as Florida. I use an MFJ 9420 20 meter SSB Travel Radio which puts out 12 watts. My antenna is an 8 ft. Hamstick mobile vertical.

During 6 afternoon bike rides near my home QTH in Lake County Illinois, I contacted 25 states and 14 countries from my 20 meter bicycle-mobile station.

BTW, I agree that we should ban one-way broadcasts on ham radio. Ham radio is not the right medium for broadcasting. Without a broadcasting ban, sooner or later we will have dozens of K1MAN type stations clogging the bands.

73 de Wayne Estes WD5FFH wayne@csg.mot.com

3954. Re: Quote of California law on ham plates (was Re: Ham plates in California)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 17:39:13 UTC
From: carndt@netcom.com
Message-ID: <carndtD5wMDE.5ou@netcom.com>
Source record: 250150

I've thought about this for a while, now.

For anyone that WANTS more than one set of Cal Amateur plates, AND doesn't mind paying for some vanity plates, also, I submit...

Get the first as regular amateur plates, callsign only.

Any others, get vanity plates with a suffix similar to what we already use in special situations...

KD6DSI for first plate

KD6DSI 1 (like packet calls)

KD6DSI 2 etc

KD6DSI M (for mobile)

California allows up to 7 characters on plates, now, and these are all valid plates as far as I know. Perhaps the 7 character ones don't allow spaces, though.

37,

Chris

3955. Re: VEC/VE EXAMS & CLASS'S SOCAL MARCH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 17:45:49 UTC
From: jaminge@pb2esac.com
Message-ID: <1995Mar23.174549.5115@pb2esac.com>
Source record: 250151

Joe Cira posted:
>
>TO THE AMATEUR RADIO COMMUNITY OF SOUTHERN CALIFORNIA......
>
> THE LATEST EXAM AND CLASS LISTING FOR "1995" [rev MAR 05,1995....]
>
> COMPILED & ORIGINATED by me,KB6AXK,continuously since the

{Edited...}

>
>SITE/WHERE? TIME PHONE/S SPONSOR/CLUB/VEC CLASS/AVAIL?
>--
>29 PALMS AM 619-367-1583 GLAARG/VEC ASK ???
>ADELANTO AM 619-244-1396 GLAARG/VEC ???
>ALTADENA ?? 818-585-7038 W5YI/VEC
>ANZA AM 714-763-4541 GLAARG/VEC ???
> 714-763-2323 W5YI/VEC
> AM 909-763-4447 GLAARG/VEC
>ANAHEIM 1500 714-776-8486 W5YI/VEC NO

{Edited...}

Just an added FYI:
I asked Joe why the "TIME" information did not include any
dates. He responded that you must call the listed phone number
to get the dates. Nice to know the time, though... ;-)

-John

--
John Minger KE6DTC "Society is like a stew. If you
Glendale, CA don't keep it stirred up, you get a
<jaminge@PacBell.COM> lot of scum on top." -Edward Abbey

3956. Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 17:46:03 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <D5wMor.67L@ranger.daytonoh.attgis.com>
Source record: 250152

billsohl@earth.planet.net (Bill Sohl Budd Lake) wrote:
>
> I just noticed the new 2 meter mobile being offered by
> Radio Shack (Model #HTX212, list $349.99). Power is
> 45 watts. Their ad on page 160 of April QST does not
> indicate if the receive capability is strictly the 2m
> ham band or if it has an extended receive capability.
>
> At $350, it should be a pretty good buy when on sale.

I saw one at the local RS three weeks ago. It looked like a decent
unit but the mic was cheaper than hell. It felt like a cheap piece
of empty plastic.

From a quality of materials and workmanship, I'm MUCH more impressed
with the HTs they sell.

Greg Smith
AT&T

3957. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 18:22:44 UTC
From: morawski@starbase.azrael.mitre.org
Message-ID: <MORAWSKI.95Mar23132244@starbase.azrael.mitre.org>
Source record: 250153

>>73 (another prosign) from Hawaii,
>>Jeff NH6IL

Jeff --

Sorry, but 73 is not a prosign, it is a "numbered radiogram".
Slightly different animal.

Paul Morawski, AA3DD
morawski@mitre.org

3958. Re: Repeater listing on net

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 18:48:00 UTC
From: cmlong@mtu.edu
Message-ID: <3ksfp0$f7g@techsrv1.tech>
Source record: 250127

Allen Windhorn (windhorn@ic.mankato.mn.us) wrote:
: Is there a listing of repeaters somewhere on the net?
: Thanks for help.
:
:
: ------------
: Allen Windhorn WA0OHE
: Kato Engineering
:
Allen,

There is one on the world wide web. If you or anyone else would like the address for it email me.

Mike - KB8WPE
--
/\
\ Michael Long || Public Relations Manager /
/ Callsign: KB8WPE || for HARC (W8YY) \
\ Email: cmlong@mtu.edu || Email: harc-l@mtu.edu /
/ Phone: (906)487-0204 || Majors: EET and EMT \
\/

3959. sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 18:50:00 UTC
From: jay.stewart@atlwin.com
Message-ID: <8A6033E.0277006D41.uuout@atlwin.com>
Source record: 250154

I know from what I've read here recently, not many people have a very high opinion of Radio Shack, however, most of you like the HTX 202 2m unit.
Anyways, we just got advance notification today that the unit is to go on sale on April 2 for 189.99. The 440 unit will be onsale also for 229.99. (Yes, there will be a 0% interest promo also. (Please no comments on that!))

'later

Jay Stewart

3960. Communications Quarterly Spring Highlights

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 19:14:39 UTC
From: nw2l@aol.com
Message-ID: <3kshav$94t@newsbf02.news.aol.com>
Source record: 250155

"COMMUNICATIONS QUARTERLY" Reports a Milestone in Communications Receiver Development!

The upcoming Spring 1995 issue of "COMMUNICATIONS QUARTERLY" will feature an article titled: "The Watkins-Johnson HF-1000A Milestone in Communications Receiver Development." This informative piece is written by Scott D. Prather, KB9Y, an author who is frequently published in the Quarterly.

Those of you who would like to learn about this new receiver will find a plethora of information that will explain in detail what it is and how it works. Mr. Prather begins his article: "The Watkins-Johnson HF-1000 is the first affordable, stand-alone commercial receiver to use digital signal processing (DSP) at the IF level. In the HF-1000, DSP provides IF selectivity, demodulation, noise blanking, fine tuning, passband tuning, and signal strength calculation, along with several other features ... The use of DSP in the HF-1000 represents a major turning point in receiver technology." One key piece of information offered by Mr. Prather is that the unit is relatively simple to use. He explains: "I found I could execute about 90 percent of the receiver's features without referencing the manual." In conclusion, the author continues: "So, what's it like to use a digital receiver? It's unbelievable! ... the HF-1000 [is] the most enjoyable receiver I've ever operated." "Watkins-Johnson has made a brilliant move into the future of communications receivers."

The article features such topics as: an overview of the HF-1000, the HF-1000 RF assembly, a brief tutorial on Digital Signal Processing, the HF-1000 digital control assembly, and using the HF-1000. Other features include a schematic of the Siliconix Si8901 high-intercept mixer and photographs of the RF and digital assemblies within the HF-1000.

If you'd like to know more, pick up your copy of "Communications Quarterly" -- on newsstands in May.

Nancy Barry
Assistant Editor

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Inquiries, editorial correspondence and requests for subscription information may be directed to the above address or, via e-mail, to any one of the following addresses: CommQuart@aol.com; CQ@genie.geis.com; 72127.745@compuserve.com or p00259@psilink.com.

3961. GB2RS News 26th March 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 19:16:16 UTC
From: dave@llondel.demon.co.uk
Message-ID: <796011376snx@llondel.demon.co.uk>
Source record: 250156
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 26th of March and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

Free stands are available to clubs at the RSGB Stafford Amateur Radio and Computer Show.

More Novice licence instructors are needed.

At this year's Stafford Amateur Radio and Computer Show, there is an opportunity for radio clubs, societies and special interest groups to put on a display free of charge. The event, which incorporates the RSGB National Convention, takes place on the 19th and 20th of August. If your club would like to take advantage of this offer, call 01923 893929 for a booking form.

Are you interested in teaching Novices? The RSGB is looking for Novice Licence instructors, especially in the Blandford area of Dorset, the Waveney area around Diss in Norfolk, south-east and south-west London, Warwick, and Alcester in Warwickshire. Anyone in those areas interested in becoming a Novice instructor should write to the RSGB Project YEAR Co-ordinator, Phil Mayer, G0KKL, 16 Haig Avenue, Poole, Dorset BH13 7AJ (his address is not correct in the current RSGB Call Book) or call him on 01202 700903. Phil will be pleased to give you more details of the scheme and let you know how to apply to become an instructor.

The RSGB Planning Advisory Committee is about to reprint the Planning Permission - Advice to Members booklet and there will inevitably be a few minor amendments to the text to bring it fully up to date. Would any member who has recently used the booklet and who can suggest any improvements please send them as soon as possible to the Planning Advisory Committee Chairman, Geoff Bond, G4GJB, Wolvelay House, Woolley, Wakefield WF4 2JJ. Members should also be aware that the standard letter which is sent out from RSGB Headquarters in support of a member's planning application has been revised and will in future be sent direct to the local planning authority involved. When requesting such a letter, therefore, would members please supply:

- the name and address of their council offices,

- the reference number given to the application, which will be on the acknowledgement form, and

- the address of the site, and whether the application is for the retention of a mast that is already there, or whether it is a proposed new one.

Listeners connected to the Internet service may be interested to hear that Geoff Brown, GJ4ICD, has introduced a Home Page which features amateur radio servers and sites around the world. Also included are new pages to the Internet on DXpeditions and beacon listings. More pages will be added week by week as time allows. The address for logging-in is: http://www.business.co.uk/~equinox

If anybody would like pages included on the Internet regarding amateur radio, please contact Geoff Brown on 01534 77067 during office hours.

Now some notes for your diary: the Morse Enthusiasts Group Scotland is organising an informal get-together near Dunfermline to celebrate the birthday of Samuel Morse on Thursday the 27th of April. All amateurs are welcome for refreshments and a go on the key. For further details, please send an s.a.e. to George Allen, GM4HYF, whose address is correct in the latest RSGB Call Book.

The Amateur Radio Caravan and Camping Club rally at Amerton near Stafford, will take place over the Easter weekend, If you wish to book a pitch please contact the Membership Secretary, Alan Gard, G4LWA, whose address is correct in the current RSGB Call Book, or telephone him on 01494 531755. Completed applications must be with the club by Friday the 7th of April.

The Ayrshire VHF repeater, GB3AY, on channel R2, was moved to its new site at Baidlandhill Dalry, Ayrshire, and became operational on the 18th of March.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

The major expedition to Conway Reef in the Pacific should be on the air by now. They hoped to arrive on Friday or yesterday, Saturday, and plan to be active until Monday the 3rd of April. Callsigns will be 3D2CT on SSB and 3D2CU on CW and RTTY. The group plans to run three stations simultaneously, round the clock, and particular attention will be given to working European stations. Check the usual DX frequencies.

From Fernando de Noronha, PY5CC will sign PY0FM from now until Thursday the 30th of March. Activity will be on all bands from 6 to 160 metres and he will be active in the CQ WPX SSB contest until 2359 UTC today.

And from the Town Hall of Sasso Marconi, Bologna, IY4W is a special event station which will be active until the end of April on all HF bands. QSL via I4ALU.

Next the Rally News:

The Bournemouth Radio Society's 8th annual sale is taking place today, Sunday the 26th, at Kinson Community Centre, Pelhams Park, Millhams Road, Kinson, Bournemouth. The event features amateur radio and computer

traders, clubs and specialist groups. Doors open at 10.30am and there is talk-in on 2-metres channel S22.

Also today, the Magnum Radio and Computer Rally is taking place at the Magnum Leisure Centre, Irvine. This event features the usual traders, special interest groups, a bring and buy stand, and Morse tests on demand. Take two passport-size photographs and identification if you wish to take your Morse test at the rally. Doors open at 11.00 am or 10.30 am for disabled visitors.

And also today, the Pontefract and District Amateur Radio Society rally takes place at the Carleton Community Centre, Carleton, near Pontefract. This event features trade stands, a bring and buy stand and a bookstall. RSGB Morse tests are available on demand, but don't forget to take two passport-size photographs along if you wish to take your test at the rally. Doors open at 11.00 am or 10.30 am for disabled visitors.

Next Sunday, the 2nd of April, the Feltham and Hounslow Sea Cadets Computer and Radio Rally will take place at the Feltham and Hounslow Sea Cadet Corps, 2 Poplar Way, Feltham, Middlesex. The doors open at 10.00 am. For further details, please contact Allan, on 01784 456486.

Now for the HF contest news:

The CQ WPX SSB contest is taking place this weekend and finishes at 2359 UTC tonight. Activity is on all bands from 160 to 10 metres, except the WARC bands. Send RS report and a serial number.

Next Sunday, the 2nd of April, the first ROPOCO contest will take place between 0700 and 0900 UTC. The full rules were published in the April RadCom.

And on Tuesday the 4th of April, the first event of the RSGB Slow CW Cumulative contest will take place. The rules are in February's RadCom.

Next some VHF contest news:

Today, Sunday the 26th, a 70 MHz contest is taking place - it is the 70 MHz Fixed station and SWL contest, and the rules for this contest can be found in the February RadCom.

Also today is the final event in the Winter Microwave Cumulative contest, on all bands from 2.3 GHz and up between 0900 and 2100 UTC. Although this contest does not appear in the VHF Contest Calendar in this month's RadCom, the full rules were published in the November edition.

The Chelmsford UHF repeater, GB3ER, which had been off the air for maintenance, has now returned to service on channel RB3.

The Southampton UHF repeater, GB3NF, on channel RB11, will close down from this Saturday, the 1st of April. This is because the mast being used for the repeater is being dismantled. The Waterside UHF Repeater Group is looking for an alternative site, but bearing in mind the time

required for permission and site clearance, the repeater will be off the air for some time.

And now the solar factual data:

The period from the 13th to the 19th of March saw solar activity at very low levels and with the geomagnetic field declining from 'sub storm' levels to quiet levels. The sunspot indices started the period at 35 and declined to 19 on the 16th before increasing to 69 on the 19th. The mean for the period was 45. Solar flux levels increased from 77 units on the 13th to peak at 92 units on the 18th; the average for the period was 83 units. Several small and insignificant solar flares took place, the largest was a C4/1N on the 16th. A 12 degree filament disappeared on the 18th. The electron fluence has been at a very high level throughout the period. The X- Ray flux increased from A3.9 units on the 13th to B1.3 units by the 19th, the average for the period was A8.0 units. The 90 day solar flux average on the 19th was 83 units, down one unit from last week. Geomagnetic activity started the period at 'sub storm' levels, with an Ap index of 33 units, but declined to quiet levels for the second half of the period. The average for the period was Ap 14 units. The aa indices as supplied by the British Geological Survey for the period from the 7th to the 13th of March started at very quiet levels with only 5.5 and 5.8 nanoTeslas being recorded on the 7th and the 8th respectively. Activity increased daily from the 9th and ended the period at 'sub storm' levels with 53.3 nanoTeslas on the 13th. During the afternoon period on the 13th, 115 nanoTeslas was recorded with a consequent aurora. The average for the period was 29.5 nanoTeslas, about K3.

I'll repeat the figures: Spots - 45, Flux - 83, Ap index - 14, X-Ray flux - A8.0.

Now the ionospheric data for Central France.

The F2 daytime critical frequencies at Poitiers as reported by Meudon for the period from the 10th to the 16th of March averaged 6.5 MHz with the 10th being the best day at 7.8 MHz; levels declined to only 5.7 MHz the following day. The darkness hour lows declined from 3.1 MHz on the 11th to 1.9MHz by the 13th during the height of the geomagnetic activity. Levels recovered slightly to end the period at 2.4 MHz, the average for the period was 2.3 MHz. The daytime highs are taking place between 10.00 and 15.00 hours with the darkness hour lows between 03.00 and 06.00 hours.

I'll repeat the figures: Highs - 6.5 MHz, Lows - 2.3 MHz.

And lastly the solar forecast.

This week the quiet side of the sun should be looking our way; solar activity is expected to be very low with solar flux levels into the mid 80's. Geomagnetic activity is expected to be mostly unsettled, but active conditions may occur for the next couple of days. Ionospheric MUFs for the south during daylight hours are expected to be about 22 MHz

and 19 MHz for the north. The darkness hour lows are expected to be about 9 MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Uniform and G7 Uniform Papa series, and Novice calls in the 2 0 Alpha Kilo and 2 1 Delta Victor series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

3962. KENWOOD TH-F28 modification

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 19:45:45 UTC
From: tzclr-sd@yunus.mam.tubitak.GOV.TR
Message-ID: <199503231954.LAA17903@UCSD.EDU>
Source record: 250158

Does anybody know of any TX range modification for the Kenwood TH-F28.
I want only to send between 144-148 MHz during my visit in the U.S.A.

I got mod info about TH-28A but my TH-F28 is from Japan so it is the
"far-east version" of the TH-28 and I think it is not compatible with TH-28A.
A JA OM told me, that it can be modified with keypad sequences, but how?..

Original state: TX= 144-146 MHz
RX= 100-174 MHz, Subband RX= 340-520 MHz continous.

Thank you very much in advance.

Ercan Tuzcular 'TA1L' tzclr-sd@yunus.mam.tubitak.gov.tr
P.K.32 Bakirkoy,34712 Istanbul-Turkey, Fax:90-212-5727087

3963. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 20:02:22 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <3ksk4e$1ji@nyx10.cs.du.edu>
Source record: 250159

nobody@nowhere.anon.com (Nobody) writes:

>You misspelled "propagation" . . .

Gee... That was almost a necessary waste of bandwidth. You posted this
because...?

--
Greg Corteville | "If privacy is outlawed, only
gcortevi@nyx10.cs.du.edu | outlaws will have privacy."
gcortevi@trident.lbs.msu.edu | - PGP Documentation
---[PGP Key available via finger]-----------------------------------

3964. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 20:05:27 UTC
From: horak@convex.com
Message-ID: <3kska7$c9m@eugene.convex.com>
Source record: 250160

In <NEWTNews.25009.795938646.drayegon@drayegon.america.com> drayegon@america.com writes:

>> getting 10 watts on 13.8v. I didn't believe it until I bought
>> one and tried it out for myself. Mine gets 10 watts on 13.8v
>> too! My old Alinco DJ560 still puts out 5 watts in a side by
>> side comparison. A friend across town on simplex confirmed my
>> joy by describing S-meter comparisons of both radio's
>> transmissions. The HTX-202 had a noticeable gain over the DJ560.

>How did the difference between 5 and 10 watts change the s meter reading so
>much??

So much?? SO MUCH???? Where do you see SO MUCH in my post? You can notice
the difference on an S-meter, period. I didn't say HUGE, I said
noticeable. Do you normally jump to conclusions?

David :-)

3965. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 20:09:14 UTC
From: horak@convex.com
Message-ID: <3kskha$cog@eugene.convex.com>
Source record: 250161

In <3krlt1$pia@theopolis.orl.mmc.com> jcarter@orl.mmc.com (James Carter) writes:

>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
>/There have been several posts on this group about the HTX-202
>/getting 10 watts on 13.8v. I didn't believe it until I bought

>I remember in the Ham test that hand held radios must be limited to
>more than "8 watts". More power than that close to your face can be
>damaging to your eyes and brain especially frequencies above 100MHZ.

Wow. Limited to more than 8 watts? :-) OK, I suppose you meant
no more than 8 watts. Well, think about it. The only way it's
pushing more than 8 is with 13.8 provided. The battery packs come
nowhere close to 8 watts. I plug mine into an external antenna
when it's running 13.8v. Anyway, please quote the regulation about
8 watts being the maximum allowable by law. I'd like to read it.

David

3966. 2 METER BAND OPEN!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 20:15:15 UTC
From: horak@convex.com
Message-ID: <3ksksj$dbi@eugene.convex.com>
Source record: 250162

Last night was the best yet around eastern Texas. I worked 2 meter FM to Mexico, Alabama, Mississippi, Louisiana, Arkansas and Oklahoma. Of course, I didn't come in to work until lunch today since I stayed up all night! :-)

N5OFQ (just your average call)
David Horak (not your average Dave)
Plano, Texas (not your average plain-O town :-)

3967. Want HTX-202 Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 20:45:19 UTC
From: horak@convex.com
Message-ID: <3ksmkv$gs5@eugene.convex.com>
Source record: 250163

I know it isn't modifiable and all that jazz, I just want any and all info that may be online about this 2 meter HT, since I own one now. I checked a few ftp sites with no luck. Thanks in advance for any files or pointers to ftp sites with HTX-202 information. By the way, I REALLY like this radio!

N5OFQ (just your average ham call)
David Horak (not your average Dave)
Plano, Texas (not your average plain-O town :-)

3968. Re: Ham radio banned at San Diego Zoo ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 21:10:49 UTC
From: delaney@j51.com
Message-ID: <3kso4p$4tr@tzlink.j51.com>
Source record: 250164

Troy T. Pummill (trop@hls.COM) in article ve <9503201502.AA16431@lanslide.hls.com> on 20 Mar 95 15:02:54 GMT wrote:

: Poster's previous subject: ' ...wasn't allowed to bring HT to SD Zoo '

: =======
: I had a similar experience at Great America here in the SF Bay. The
: attendant would not allow the radio into the park. Because they
: search each guest with a metal detector, I knew that I wasn't going
: to get it passed security in my fanny pack. I suggested to the attendant
: that it would be appreciated if I could speak with the head of security.
: A quick explanation of the radio and its need in an active earthquake
: zone produce a different perspective on their part.

Better yet, tell that if they don't let you in, you will use it contact
the rest of your sqauds' agents, and that they (the attended) will never
be heard from again.... :)

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3969. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 21:36:25 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Mar23.213625.20165@VFL.Paramax.COM>
Source record: 250165

>In <3krlt1$pia@theopolis.orl.mmc.com> jcarter@orl.mmc.com (James Carter) writes:
>
>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
> There have been several posts on this group about the HTX-202
> getting 10 watts on 13.8v. I didn't believe it until I bought

10 watts!! Does Radio Shack offer .. optional asbestos gloves? :-)
That HT must get mighty hot pumping out 10 watts...

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

3970. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 22:10:12 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1995Mar23.161012@fndcd.fnal.gov>
Source record: 250166

In article <1995Mar23.213625.20165@VFL.Paramax.COM>, rossi@VFL.Paramax.COM (Pete Rossi) writes:
>>In <3krlt1$pia@theopolis.orl.mmc.com> jcarter@orl.mmc.com (James Carter) writes:
>>
>>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
>> There have been several posts on this group about the HTX-202
>> getting 10 watts on 13.8v. I didn't believe it until I bought
>
> 10 watts!! Does Radio Shack offer .. optional asbestos gloves? :-)
> That HT must get mighty hot pumping out 10 watts...

No, it comes with a case of freeze spray. When it gets too warm, you just 'hose' it down... ;-)

--
==========
[Fermi National Accelerator Laboratory]
==========
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==========

3971. ARLD013 DXCC update

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 22:38:55 UTC
From: w1aw@arrl.org
Message-ID: <$arld013.1995@ampr.org>
Source record: 250167
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB DX @ ARL $ARLD013
ARLD013 DXCC update

ZCZC AE88
QST de W1AW
DX Bulletin 13 ARLD013
From ARRL Headquarters
Newington CT March 23, 1995
To all radio amateurs

SB DX ARL ARLD013
ARLD013 DXCC update

DXCC update

Documentation for the following operations has been received and
approved.

3A/IK1QBT 3B8/ON4QM 3C1/TU4EI 3DA0CA 3V8BB
4S7/JA4FM 5N0ETK 5N0GC 5N0PYL 5X1HR
5X1MW 5X1KO 7Q7SB 8Q7AB 8Q7BX
8Q7YF 9A/SP3DPR 9A/SP6MLX 9G5WH 9G5RM
9G5TL 9G5MB 9G5MT 9G5JR 9G5VT
9G0ARS 9I0A 9I30ZIN 9J2AE 9J2CE
9L1/TU5EV 9M2/GM0DEQ 9M6/GM0DEQ 9N1AP 9Q5AGD
9Q5RT 9X/SM5DIC 9X5EE A51MOC A51MOC/JH1AJT
A51/JH1AJT A61AH A61AN C4C CE8SFG
CN2SK D2EGH D68RS D68TA DU7LA
DU7/KD6QV FH/JA1IDY HS0/DL2FDK J55UAB J87CO
J87FT J8/F5LGQ J8/F6AOI J8/F6BFH J8/F9IE
P43DWC S21YO S79ASM SV5/DK1RP SV9/G4OBK
TI2/KB9CRY TI4/KB9CRY TI6/KB9CRY TI2PDX TK/IK1QBT
TL8JD TO0P TU4EG TU4EX TU5DX
TU5EV TU5NC US1U/PA3BUD UT8U/PA3BUD V26E
V51T V5/N0AFW VI0ANT VP2EDK VP29EI
VP2MDY VP8SGP VP8CBC VP8CRB VP8CRC
VP9/W1RQ VR6AB XE1/UA3AB XE1/RA3AUU XE1/NT2X
XF4M XT2JB XU3DWC XW1 XW1A
YK0A ZA/OK1CF ZK1SRF ZK2ZE
NNNN
/EX
```

3972. ARLD014 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 22:40:58 UTC
From: w1aw@arrl.org
Message-ID: <$arld014.1995@ampr.org>
Source record: 250168
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD014
ARLD014 DX news

ZCZC AE89
QST de W1AW
DX Bulletin 14 ARLD014
From ARRL Headquarters
Newington CT March 23, 1995
To all radio amateurs

SB DX ARL ARLD014
ARLD014 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, Jerry, KF8EP, Francesco, IK0FVC, and the Contest Corral column from the pages of QST magazine. Thanks to all.

INDONESIA. Team leader YB0RX will be organizing a DXpedition to Enganno Island, a new IOTA, off the coast of South Sumatra, Indonesia. This three day operation starting March 24 will involve 35 people. Listen for their CW, SSB, RTTY and OSCAR on all bands, including the CQWW WPX SSB Contest using the call sign 8A4EI.

CAMBODIA. XU7VK is active on 14007 and 14017 kHz. QSL via HA0HW.

SOUTHEAST ASIA DXPEDITION. Mike, DF8AN, leaves Germany on April 21 bound for Kathmandu, Nepal. He has applied for a visitor's call sign, but may use 9N1/DF8AN between March 22 and April 5. Activity will be mostly CW. From Kathmandu he travels to Hong Kong to operate with a VS6 call sign or VS6/DF8AN between April 6 and 13. While in Hong Kong he plans to visit Macao to apply for an XX9 call sign. From April 13 to 24 he will try to be active from the island Koh Samui, Thailand, with a visitor's licence for HS/DF8AN. Mike's operations will be on 40, 15 and 6 meters only. QSL via the bureau to DF8AN or direct to Michael Noertemann, Amselstieg 4, D-38226 Salzgitter, Germany

EAST MALAYSIA. 9M8RC has been on 14019 kHz. QSL via HL5AP.

TOKELAU. Ron, ZL1AMO, has cancelled his T31 operation slated for April due to transportation problems. He hopes to be active from Tokelau instead.

SVALBARD. Three YL operators will activate Spitsbergen Island, IOTA EU-26, in the Svalbard Archipelago April 8 to 12. Their radio equipment will be a battery powered, synthesized portable radio with

25 watts of output power to a dipole antenna. Try 14247 and 21247 kHz SSB. Some CW operating is planned. Please note that their radio has no provision for split frequency operation. Also consider their limited battery power and make QSOs short by exchanging only signal reports unless otherwise requested. QSL Unni, JW6RHA, via LA6RHA. QSL Turid, JW9THA, via LA9THA. QSL Inger, JW8KT, via LA8KT.

HEARD ISLAND UPDATE. The South Sandwich Island DX Group has announced that Verne Fowler, W8BLA, of Roswell, GA, is the newest team member. Verne will fill one of the CW op slots. There is still a need for CW ops and a team doctor. For details, FAX your request to Jerry, AA6BB, at 503-998-1269 or Tony, WA4JQS, at 606-679-3151.

CANADIAN ARCTIC DXPEDITION. The Inuvik Amateur Radio Club is planning to operate on what is believed to be Hendrickson Island in the Arctic Ocean. This island is located NE of Tuktoyakutuk at 69 29N by 133 36E, is IOTA NA-192 and Canadian Island number NW-37. Operations should start at 0000z April 1 and finish up some time Sunday afternoon. Listen for VE8YEV. Two radios will be used, with one parked on 14260 kHz, an IOTA frequency, most of the time. The other radio will roam 80, 40 and perhaps 15 meters operating CW, SSB and RTTY.

QSL ROUTE CHANGE. Ken, V73C, aka AH9C, reports that OKDXA, the Oklahoma DX Association, no longer handles his QSLing chores. Until further notice, send cards direct to V73C or AH9C Callbook addresses.

QSLS WHILE YOU WAIT. Francesco, IK0FVC, plans to be at the Dayton Hamvention April 28, 29 and 30. He will have 1A0KM and HV4NAC logs and QSL cards. Plans are to be available for direct confirmation for those in attendance still needing these cards.

THIS WEEKEND ON THE RADIO. The CQ World-Wide WPX SSB Contest, sponsored by CQ Magazine, runs from 0000z March 25 to 2400z March 26. Exchange signal report and progressive serial number starting with 001. Details appear on page 105 of February QST. Good luck in the contest.
NNNN
/EX

3973. Question on distant stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 22:49:30 UTC
From: C.Smith@physsci.utas.edu.au
Message-ID: <3ksttq$3p7@franklin.cc.utas.edu.au>
Source record: 250170

[No readable article body recovered]

3974. umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 23:09:36 UTC
From: c002@Lehigh.EDU
Message-ID: <3ksv3g$tob@ns3-1.CC.Lehigh.EDU>
Source record: 250171

ok, there are a few things i have to know...

1. for working rs-10/11 HOW do i disable my IC-2GXAT HT's mic? i'm sure RS10 wont like FM sidbands to much, but how do i kill the mic OR pu on a PTT circiut <from hamcomm program>

2. Is it illegal to let somenon-ham use autopatch if i'm right there with that person?

3. where the Heck do i get aluminum solder?

4. what are the RTTY-BAUDOT freqs on 2m IF any
and
5. what are the normal EME freqs? any from 144-144.21?

thanks much...

david
|---|
David Roseman	c002@lehigh.edu
SysOp of NODE 3 BBS	The Flying HAm - BBS
Running OBV/2 Software	TechnoMage - BBS
	N3SQE/SVARC - Ham
HAmmy in IRC	N3SQE@N3IQD.FN20GO.PA.USA.NA - Packet
------My AWSOME home page :) http://www.lehigh.edu/~c002/c002.html-----

3975. Re: DRAKE tel # + address ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 23:19:59 UTC
From: Steve Hufford <b@DaytonOH.NCR.COM>
Message-ID: <D5x25B.8s1@intruder.daytonoh.attgis.com>
Source record: 250172

R.L. Drake Phone # is : 513-866-2421
==========RICHARD HAREL, 3/21/95==========
I need the Tel and FAX number of DRAKE in Ohio.
I have an R7 receiver and would like to purchase the service manual for it.
Any info would be appreciated.
Please mail directly to my internet address:
RHAREL@fab8.jer.intel.com

Thanks es 73,
Richard
WB2JBS

Steve Hufford
AT&T Global Information Solutions
Voice & Video Services
Dayton, Ohio
Steve.Hufford@Dayton.OH.ATTGIS.COM
ATTMAIL: !shufford
Amateur Radio: KA8EYM

3976. IPS Daily Report - 23 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 23:33:13 UTC
From: rwc@ips.oz.au
Message-ID: <3kt0fp$niq@flare.syd.ips.oz.au>
Source record: 250096
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 23/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 23 MARCH AND FORECAST FOR 24 MARCH - 26 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 94/40

GOES satellite data for 22 Mar
Daily Proton Fluence >1 MeV: 5.8E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.6E+08 (moderate)
X-ray background: B2.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
24 Mar 25 Mar 26 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 24 Mar: 94/40

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 22 Mar
Learmonth 8 2123 2322
Fredericksburg 7 3
Planetary 8 3

Observed Kp for 22 Mar: 0111 1211
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
24 Mar 10 Quiet to unsettled
25 Mar 10 Quiet to unsettled
26 Mar 20 Unsettled to active
COMMENT: IPS Geomagnetic Disturbance Warning 95/08 will be issued
later today for the interval of 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
23 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
24 Mar normal normal normal
25 Mar normal normal normal
26 Mar normal normal normal-fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
23 Mar 39 near predicted monthly values to slightly enhanced.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
24 Mar 35 Near predicted monthly values
25 Mar 30 Near predicted monthly values
26 Mar 30 Near predicted monthly values
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

3977. Re: Solar-flux info via the Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-23 23:39:24 UTC
From: Jeffrey Pawlan <jpawlan@arasmith.com>
Message-ID: <3kt0rc$8j8@kadath.zeitgeist.net>
Source record: 250173

jpblaauw@jpb.iaf.nl (Jaap P. Blaauw) wrote:
>
>
> Where, on the Internet, can I find information abt Solar activity,
> and the daily Solar-flux number?
>
> --
> Jaap P. Blaauw (PA0JPA) Tel/fax: ++31-(0)50-262298
> Groningen
> jpblaauw@jpb.iaf.nl The Netherlands
>

type the following at a shell tool or command tool prompt while you are connected to the Internet:

finger solar@xi.uleth.ca

Then wait for the data to be sent to you. If it does not do it within 30 seconds, kill the process with a Ctrl-c then do it again.

Flux without the good absorbtion predictions can be obtained from:
http://www.drao.nrc.ca/web/solar.shtml

Jeffrey Pawlan WA6KBL PS: I am still looking for a contact with HB0 (Liechtenstein) on either 20,17, or 15..

3978. Re: Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 00:50:21 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <3kt504$pcd@ornews.intel.com>
Source record: 250174
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <hideg.1-2303951033440001@hideg.cc.nd.edu>, hideg.1@nd.edu says...
>
>This is probably a re-hash of this thread, but I never saw the beginning of it.
>
>I may have an opportunity to put a 440 repeater on a 13-story or 15-story
>building. This is in South Bend, IN so there can be a fair amount of wind.
>
>I have a Diamond X-500HNA, which has been my initial choice. I may need to
>go with something a bit lower-profiled (because of wind and aesthetics).
>
>One antenna I was looking at was Cushcraft's dipole array that you erect
>with a piece of mast. This antenna is about 8 feet tall (compared to the
>X-500 at 18 feet).

I'm going the other way--I have the Cushcraft array you mentioned, and I'm
switching to a Diamond X-510NA as soon as the weather cooperates.
My friend in Hawaii didn't care for the Cushcraft's performance on his
repeater. It'll be interesting to see what the difference will be.

3979. Re: TVI Anecdote

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 01:18:23 UTC
From: jones@San-Jose.ate.slb.com
Message-ID: <3kt6kv$pr3@k2.San-Jose.ate.slb.com>
Source record: 250176

NEEDHAME@ZIAVMS.ENMU.EDU wrote:
[...]
: Well, I put up a dipole in the backyard, but I didn't runa ny coax
: to it. (The coax was on order.)
: Anyway, one of the TV stations went way down in power due to a light-
: ning strike, and I immediately got three calls telling me that I was causing
: TVI! Still with no coax to the antenna...

: 73
: KD5XB
: Earl Needham
: NeedhamE@ZIAVMS.ENMU.EDU

: Mow at Cannon AFB, NM

Well, my "elmer", AA4MW, likes to tell of when he first moved into his house. He got the tower and antennas up in the back yard, but was too busy for several months to unpack the radios. Several neighbors came around complaining of interference, and he took them out back to show them that the cable was not connected to anything and into the shack to show them that the radios were still in boxes, so it couldn't possibly be him.

When he finally did get on the air, he didn't have any complaints, justified or otherwise.

73,
Clark
--
Disclaimer: The opinions expressed above are mine and not those of Schlumberger because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
Packet: KI7TU@K7BUC.AZ.USA.NA RF: KI7TU
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe, AZ 85284-1825

3980. Re: Timewave dsp 9+ or mfj

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 01:42:58 UTC
From: little@iamu.chi.dec.com
Message-ID: <3kt832$ij0@jac.zko.dec.com>
Source record: 250177

In article <795957060.AA00834@hamlink.mn.org>, k0hb@hamlink.mn.org (Hans Brakob) writes:
|>Actually, the "center freq" control allows you to use the 59+ as a
|>"mini-VFO" if you wish. Open up the filters wide on your rig in a
|>busy part of the band, set width at a narrow value, say 50 HZ, then use
|>the center freq control to step through the signals. Kinda neat in
|>contests.

Hans, how do you find the DSP unit compares to an IF filter? My personal
experienc with the W9GR DSP filter that I built seems to indicate that IF
selectivity is much more effective than AF selectivity. At least with my
rigs (FT-767GX, TS-820S, SB-104) selectivity at the IF is much more useful
as it allows the ALC to track the selected signal instead of all the
signals present in a much wider passband.

Together they make a formidable pair, but I wouldn't trade one for the other.

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

3981. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 01:48:19 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kt8co$bm@news1.databank.com>
Source record: 250078

<From: Penn M. McClatchey (Southern Aluminum Finishing Co, Atlanta, GA, USA)
<Architectural Aluminum. Custom Fabrication. Paint, Powder Coating,
<Anodizing.
<pmm@saf.com uunet!safn2!pmm Am Radio WB4DPT Voice: 404-355-1560,ext231

>I have heard that a proper RF ground should employ a large copper
>braid to maximize conductive surface area. I am going
>to buy some braid for this purpose.

<SNIP>

>I run a Windom
>dipole fed with coax into a 6:1 balun. When I operate on bands with
>a low VSWR, everything works great. The trouble starts when I
>try to operate using the antenna tuner.

>> the system absolutely requires a ladder line feeder, so it's
>> not for everyone. E-mail me if you're interested.
>>

>I am interested...please e-mail me the info. I've always tried
>to avoid ladder line, but now that I'm having trouble with coax
>I'm willing to give it a try.

Hi Penn:

My first advice is: DON'T WASTE YOUR MONEY ON THE BRAID; it won't
solve the problem.

There are so many fallacies in the amateur community on this subject,
it has become nearly impossible to untangle the mess. I've only been
reading this news group a few weeks, and I'm already convinced that
someone needs to write a FAQ covering these issues.

My amateur career started in 1966, and I fought this problem for
most of the intervening time. It was only seven or eight years ago
that I finally did the research necessary to resolve this common
difficulty for myself.

*** Note To All Readers Of This Post: ***

A. The following applies only to those operators forced for one reason
or another to use non-resonant dipoles.

B. If you do not enjoy sarcasm, double-click the little "minus sign" now
(or whatever your system interprets as a desire to EXIT).

C. Flames will not be read, at least not by me. I pay my neighbor's kid a buck a day to sort and delete my mail.

OK, onward to the problem.

First, the reason you have RF in the shack is that the standing waves reflected from your antenna have no respect for either the shield of your coax or the chassis of your rig. The fact that humans say these items are grounded is insufficient to convince the reflected energy to behave. The waves flow across everything in their path as though it was part of the antenna itself. And because this is RF, artifically created for the express purpose of radiating, everything just mentioned * is * part of the antenna itself.

There are several basic solutions:

**** 1. ****

Connect one end of a 3' length of 16 or 18 gauge copper wire to the chassis of the rig, and connect the other end to a large pool of saltwater resting on your property. This will force the chassis to assume earth ground potential, dissipating the reflected energy flowing down the outside of the coax. If the impedance and VSWR of your antenna are such that the problem persists, increase the gauge of the ground wire and the size of the saltwater pool until the symptoms disappear.

From time to time, you will need to refill the pool and replace the ground wire due to evaporation and corrosion, respectively. A field strength test will show that the coax is continuing to radiate from the shield at some distance from your rig, and that your pattern is not at all like the figure-eight you anticipated. On a positive note, you will discover that a considerable portion of your RF is heating the pool, providing a perfect place to relax after long-term contesting.

**** 2. ****

Stack several 1KW-size high-permeability toroids together and wind ten or twenty turns of your coaxial feedline through the core. This will choke the RF flowing on the braid, effectively isolating the chassis of your rig/tuner from the reflected energy. At higher power levels, the energy dissipated in the toroid will also be sufficient to create a miniature hotplate for preparing quick snacks between QSO's.

**** 3. ****

Place a balun at the center of the dipole. Any ratio will suffice. At frequencies which produce high VSWR, the electrical characteristics of the balun will change, either "opening up" or shorting the elements. This will produce an unusually dynamic field strength pattern, adding to the fun and challenge of amateur radio. If you operate at higher power levels, a little bird seed glued to the balun will also soon discourage most airborne guests from entering your "no fly" zone. It should be noted that this particular remedy provides no relief from RF in the

shack, but it does encourage a greatly improved comfort level for most operators. This is due primarily to the fact that the magical goodness of the balun, now elevated, is unspoiled by detectable signs of stress.

**** 4. ****

Mount the center of the dipole on a support sufficient to hold the weight of a remote antenna tuner. Shop around for a used Johnson Matchbox, mount it on the support, and connect the dipole elements to the balanced output. Install a heavy-duty slave servo and positioning readout device on each of the tuner's controls and bring the forty-odd control cables into the shack. Now use homebrew skills to fabricate a system of master control and readout instrumentation. Don't forget to weatherproof the tuner.

**** 5. ****

Use the expensive, late model tuner you purchased as-is, connecting the output from it's internal balun to open-wire or ladder line. The effect will be similar to (3) above, although you will eliminate coax losses. In this configuration, do not glue bird seed to the balun.

**** 6. ****

Modify your tuner so the balun always sees it's designed impedance. Feed the output to ladder line. Run a safety ground to your rig in case of lightning or equipment failure. Buy a hotplate. Ignore the birds.

OK, OK . . . I wasn't all that subtle. You're right, it's number 4.

Following are excerpts from recent e-mail to explain the technique. I'm kidding about number 4, of course. Numbers 1 through 5 above have been tried in various forms by many operators, and all present significant disadvantages. They do serve, however, to illustrate the underlying principles still being put to the test in our community.

The technique is simple, but it took me nearly 25 years to come up with it. I constructed my first working model following a ten year absence from our hobby. A year later, I purchased my first new ARRL Handbook and found my idea in print, in the form of a QRP antenna tuner. Sigh. So much for being an inventor <g>.

Anyway, like I said, the concept is simple and by now you may have come across it. In short, it consists of modifying a standard antenna tuner ("T" or Pi configuration) by placing a 1:1 balun at the * input * instead of the output of the tuned components. The primary modification required is insulating the tuned components from the chassis.

I have a schematic for the modifications made to my tuner (Dentron 3KW), and I should mention that the balun ratio isn't critical. In fact,

the usual 1:4 balun that comes with most tuners should work fine. Note that there is a * big * difference between using the balun at the output of the tuner, the way most are supplied from the factory, and the technique described above.

Personally, I will never use any other system for feeding a dipole. Efficiency is superb and there is * no * RF in the shack even when no ground is used. Signal reports are the best I have ever received on any dipole. I have used the system in three locations (two in Texas and one here in PA), and achieved excellent results with low and high power, and with dipoles from 50 to 150 feet.

I can provide numerous additional details regarding this concept, including several that can make the modified tuner more versatile than ever. As a side note, my tuner can be restored to an unbalanced output configuration by placing a single jumper across two terminals on the rear panel. All in all, it is the system I always wanted, but thought only a Matchbox could provide.

The additional details mentioned above include the following:

A.) My tuner was originally manufactured as a "T" configuration. This circuit provides the greatest range of impedance matching within the "three component" category, but offers no harmonic suppression. I rewired my tuner to a Pi network and use B.) below to compensate.

B.) The balun inside the tuner is wired between the input connector and the tuned components. Additionally, I have built an external tapped toroidal transformer which provides ratios up to 16:1. I insert this between the transmitter and tuner. Its input will always be 50 ohms, once the tuner is adjusted for 1:1 VSWR at the transmitter. However, its output will vary as a function of the selected tap. This means in theory that I am mismatching the output of this external transformer by feeding it to RG/8, which in turn connects to a SO239 on the tuner. In practice, the reflections seen by the transformer are only slightly reactive, and losses through the 1' piece of coax and SO239 are extremely low. Anyone worried about this is entitled to a nit-picker award.

I should mention that the external transformer might have been required even with a "T" network, simply because of the extreme range of impedances possible with non-resonant antennas. Due to it's lossless characteristics, ladder line will not mask extremely high impedances in the manner often seen when using long runs of coax.

C.) By grounding one side of the balanced output of the tuner, it can be used to tune unbalanced antennas. This retains the versatility of the tuner for other uses.

D.) In theory, the input balun forces equal currents through the tuner, and through the ladder line. In the near future, I will build a test antenna with unequal-length legs, and drag out my old RF ammeter to

test this. Alternately, a good indicator might simply be whether such an antenna causes RF in the shack with no RF ground. If the antenna is built with one leg at 15 feet and the other at 60, and if 2KW doesn't produce shack RF, I'll pronounce it balanced.

Whew! Sorry if the above seems disjointed, but I do not have the necessary time to reorganize the information just now. I sincerely hope this is of help to anyone still suffering the way I did. Anyone who can add to this topic should do it here if possible, rather than e-mailing me.

As a final note on all this, do not expect predictable radiation patterns from non-resonant dipoles, regardless of feed method. The technique described above merely eliminates RF in the shack and ensures that the maximum possible amount of RF is delivered to the dipole itself.

Penn, let me know if you need additional info on this. I'm off the air right now due to a recent move, but a little digging will produce data regarding the toroids, tuner components etc. I'll tell my helper to give your e-mail priority.

73,

Jack Long, WB3U

3982. NEED HELP ON BUILDING REPEATER!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 02:04:11 UTC
From: helix@solaria.sol.net
Message-ID: <3kt9ar$qcr@solaria.mil.wi.us>
Source record: 250079

HELP!!!

I am putting up (hopefully) a "homebrew" 440 MHz repeater within the Milwaukee, WI area, serving a good chunk of the Southeastern Wisconsin area (esp. outlying Milwaukee Metro). I have a GE MASTER II, 8 channel, 40 watt 450-500 ranged mobile unit, WITH instructions and everything.

I want to place this thing in the amateur band. Now...

I understand that these radios can be modified to receive/transmit properly within the amateur spectrum, but am having problems finding any appropriate documentation regarding this equipment. Seeing how old it is, I have had quite a bit of difficulty within the Milwaukee Metro area finding anything to do with any form of amateur radio.

I NEED HELP!!! If anyone has information who currently has or can point/steer me in the right direction to someone who current has information regarding modifying the GE MASTER II, 8 channel mobile radios into a repeater, I would like to have an email address and/or telephone number along with the name and callsign of the individual.

I am retrofitting this equipment into an existing MOTOROLA MOCOM 440 MHz repeater that works, but the receive isn't too hot. I've heard that GE's equipment is far more adjustable and easier to work with than MOTOROLA's.

Any comments and/or help?

Again... I NEED SOME HELP FROM ANYONE ON THIS MATTER!!!

Please send email to this address: helix@solaria.mil.wi.us

Thanks and 73 de KC6ONL!

-r

3983. **phone number needed to get new callsign!!!!*****

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 02:06:35 UTC
From: dmclean@dfw.net
Message-ID: <3kt9fb$m83@dfw.net>
Source record: 250080

can some one give me a phone number to get my new call sign! Please send
by e-mail thanks.

3984. Ham Radio CDROM

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 02:53:57 UTC
From: cdrom.info@infoplus.uu.holonet.net
Message-ID: <9503231955507005@infoplus.uu.holonet.net>
Source record: 250099

```
NEW VERSION! - Published February 1994
--------------------------------------
Ham Radio CDROM with Windows based Callsign Database
----------------------------------------------------

Information Plus sells a superb Ham Radio CDROM featuring:

* Callsign Database with Windows, DOS, OS/2, UNIX interfaces

* Thousands of PC compatible Amateur Radio Programs

* Radio Modifications, WAV files for TNC Testing

For more information send email to cdrom.info@infoplus.uu.holonet.net

NOTE: Subject line should include the text HAM

NEW! - We now accept Fax Orders with most Major Credit Cards
```

3985. Re: [INFO NEEDED] AX.25, TCP/IP, what, where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 03:19:55 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3ktdor$kil@coranto.ucs.mun.ca>
Source record: 250081
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Scott Ehrlich (scotte@ccs.neu.edu) wrote:

: I'm going to a section meeting in the Boston, Mass, USA area soon, having
: just been appointed Internetworking ASM for Eastern Massachusetts.

: I'd like to present what digital modes and networking people have put
: together around the USA and world.

: Please educate me. I'd like to see if we New Englanders can't get our
: act together and set up something solid which can hopefully expand further.

: Thanks for any leads anyone can offer.

: What's going on in California? Arizona? Texas? Australia?

: 73,

: --
: Scott Ehrlich, Internetworking ASM, Eastern Mass. E-mail: wy1z@neu.edu
: Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
: Boston ARC Web page: http://www.acs.oakland.edu/barc.html
: ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

I'm confused. I thought the NEDA guys had quite the system of packet
nodes and gateways running in the NorthEast. They're based in New
Hampshire and, from what I've seen of their work, seem to have things
humming along nicely. Or am I mistaken, not being from the area?

73.

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

==========

3986. Re: DOES BERMUDA HAVE 2 METERS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 03:30:16 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3ktec8$kil@coranto.ucs.mun.ca>
Source record: 250082

J. W. WALLER, ECE (waller@utkvx.utk.edu) wrote:
: I would like to know 1)if Bermuda has 2 Meter
: activity; and 2)if so, is there reciprocal
: licensing so no paperwork/notificaton is
: needed?

: Thanks and 73,
: W4TZB

Yes, there are several repeaters, although I believe one is kept for emergencies only. I was there a few years ago and the locals were quite friendly in helping me out with my reciprocal licence. There is a little office there where you show your own licence and they issue a certificate allowing you so much time for operation, I think 1 month or something like that. I can't remember if it cost anything. When you're there, if you run into Tom VP9KG, say Hello from Paul VO1HE :)

73.

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

==========

3987. Re: Ham radio banned at S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 03:50:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950324100021683@digcir.cts.com>
Source record: 250083

<LOTS OF STUFF EDITED OUT!>
TM< I just finished talking with the chief of security at the zoo, and he
TM< advised he knew of no such policy. However I spoke with 2 individuals
TM< yesterday at the zoo, and they were quick to reply that radios were not
TM< allowed. After talking with the security chief today, he was very open to
TM< ham bringing their radios in, and I emphasised how important it could be
TM< if disaster struck while a ham was in the park, earthquake, etc. We could
TM< help out with communications in emergency situations. More to follow
TM< after I speak with him again. I will also be talking with security at the
TM< wild animal park, and 6 flags.
TM< 73, Tuck KC6ZEC

Tuck, I wrote this guy also, I told him I have never had anyone say yea
or nay to my ht at any theme park, let me know what the WAP says also
If I can help out (letter writing and such) let me know!

EJ!

* OLX 2.1 TD * 73's de N6OID... EJ! San Diego, Ca. 145.180

3988. Re: New - Radio Shack 2m

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 03:54:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950324100022684@digcir.cts.com>
Source record: 250084

Bill do you know if the dual bander is a mobile or an HT, also any other info, When it's comming out etc. would be appericated!

EJ!

* OLX 2.1 TD * 73's de N6OID... EJ! San Diego, Ca. 145.180

3989. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 04:24:48 UTC
From: johnbeal@aztec.asu.edu
Message-ID: <3kthig$sps@news.asu.edu>
Source record: 250085

In a previous article, mudaw@uxa.ecn.bgu.edu (David A. Webb) says:

>jeffrey@math.hawaii.edu writes:
>
>For the most part, any amateur transciever who's reciever can be modified
>to recieve out of band can do so because the receiver was designed to
>be used for more than one application.
>For example, the Yaesu FT-23R out of the box received 144-148.
>BUT, the reciever was identical to the one inside of the radio's
>commercially made brother used in some business bands around 152-156 or so.
>When Yaesu designed the radios, they knew it would be cheaper to build
>one receiver for several radios, and type accept it for the entire range.
>The FCC has type accepted the reciever in the 23R for the range 140-164.
>So modifying the reciever to tune to all of these frequencies won't
>violate type acceptance certification.
>I doubt a manufacturer would design a chip and circuit which could
>be modified to allow reception of frequencies for which the unit's
>reciever wasn't type accepted for. (easy modifications, that is)

Note that many HT's will receive a rather wide band by simply programming
from the pad. I cannot believe this is modifying the unit and causing it
to interefere with anything.
Any comments on that?
--
###
John L. Beal Personal responsibility

3990. Re: I'm a newbie, put a kick me label on my butt

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 04:31:48 UTC
From: johnbeal@aztec.asu.edu
Message-ID: <3kthvk$srm@news.asu.edu>
Source record: 250086

In response to the prev below, I find that in general hams are a bit
nicer and more polite.
In a previous article, dstock@hpqmdla.sqf.hp.com (David Stockton) says:

>Perry Chamberlain (kato@qnet.com) wrote:
>: Well, I certainly learn fast, don't open your mouth til yer sure what you
>: are talking about.
>
> That's generally good advice in all circumstances. It's just a little
>more difficult to implement when some extremist or another is trying to
>stir arguments up. These people have reached the level of utterly
>unshakable belief, it doesn't matter whether their beliefs are right or
>wrong, they cannot be argued, steered or hounded into a position where
>they can appreciate the validity of any other viewpoint. In past cases
>where everyone ignored them, they went away, or, at least, went quiet.
>I've watched all manner of hardened extremists argue on this forum, I
>don't recall ever seeing one succeed in changing another.
>
>
>: thanks to those who helped me out of my mess
>: you know who you are
>
> I've found some excellent people in this group. The amateur radio
>groups seem to have an intensity in arguments that is, fortunately, not
>present in other groups I've browsed (rec. equestrian is positively
>friendly). Are the pro/anti CW and pro/anti gun control arguments mostly
>American things, or is this just an impression fostered by the current
>population distribution of the internet?
>
> The die-hard argument merchants are few in number, easily spotted, and
>easily ignored.
>
>: I'll be listening for a while before I stick my foot in my mouth again.
>: 73 de shot himself in the foot
>
> You're not the first....
>
> Cheers,
> David GM4ZNX
>
>
> PS: Being ignored is probably the only weapon that the extremists
>feel.
>

--
##
John L. Beal Personal responsibility

3991. SONRA NF HamJam '95.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 05:00:37 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3ktjll$m8e@coranto.ucs.mun.ca>
Source record: 250087

The Society of Newfoundland Radio Amateurs will be sponsoring HamJam 95, the VO Hamfest, from July 14 to 16, 1995. It will be held in St. John's at the Airport Plaza Hotel and we have a load of stuff on the agenda. The Hamfest will also play host to the Annual General Meeting of VOARA, the VO Amateur Radio Association, the NF Provincial organization.

For further information, contact Ken Whalen VO1ST via:

VO1ST@VO1SIG.#ENF.NF.CAN.NA
or
kwhalen@plato.ucs.mun.ca
or
HamJam '95
Box 1226
St. John's, NF
A1C 5M9

either one or all!!

The rooms are filling up and there's an earlybird special for registering before May 31.

CU there!!

73 de Paul.
VO1HE (pc.vo1he.ampr.org) [44.135.16.3]

Packet Address: VO1HE@VO1AAA.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca

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Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

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3992. ?? Textbook for GENERAL License ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 06:03:45 UTC
From: ArthurA@ix.netcom.com
Message-ID: <3ktnc1$f4l@ixnews3.ix.netcom.com>
Source record: 250088

Can anyone recommend a textbook to study for the GENERAL license similar to "Now You Are Talking" for the Novice-Tech license. I would like to learn and understand the test material in depth and not just memorize a question and answer format.
Any help regarding titles, authors, publishers and sources will be greatly appreciated.

Thank you, Arthur, N1NHZ, going for GENERAL License, 73

3993. HELP ON PACKET

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 06:32:34 UTC
From: techman@ace.com
Message-ID: <2716.UUL1.3#25274@ace.com>
Source record: 250089

Hi All,

Well i have the TNC hook up to the radio and coumpter,but I try to get out to stations,and to rec some coming in but nothing.So it looks like I need more power .does Radio Shack carry anything that i could use to up the ouyput.About how much should it cost for something that could put out 15 to 20 watts .If anyone out there has any ideas on what i can do it will be great.Well I should tell you the equip i am using

RADIO SHACK TANDY 1000sl
RADIO SHACK HTX 202 HT
KANTRONICS KCP-3 TNC

One other thing i get alot of noise coming over the HT it comes from the coumpter like a whislting noise so i don't know how much effect this would have on it to.Any help.Thanks in advance.Need more info please email me @ {techman@ace.com and i will get right back,i need to solve this so i can get up and running on packet.Thanks again.

|
BOB BRUNDIGE | AMATEUR CALL N1UAN
WALTHAM,MASS.02154 | ARRL MEMBER
[B EMAIL {techman@ace.com} |

3994. Re: SWR question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 07:27:18 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kts8d$8r6@news1.databank.com>
Source record: 250090

she@victor.hiof.no (Sindre Helvik) wrote:
>A friend of mine are using a CB arial (27MHz) on his amateur radio. He
>gets a lot of SWR on this antenna on 40 and 80 Meter (obvious).
>
>The thing is that he is quite happy with it, because he manages to tune the
>SWR down with his antenna tuner.
>
>Do you get more power out from the arial using an ordinary antenna tuner, or
>is it the tuner that burns up the reflected power?
>

The tuner will consume some power, due to ohmic losses in its components,
but this is unlikely to be much of a factor in overall performance.

The greatest "negatives" in the system you describe will be the radiation
inefficiency presented by a shortened vertical (this may not be significant)
and the coaxial feedline losses that occur under high VSWR conditions (this
can be *very* significant).

73,

Jack, WB3U.

3995. all mode 2-meter rig...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 07:37:30 UTC
From: vector@inferno.com
Message-ID: <30394LVKAABUYRXBEMC@inferno.com>
Source record: 250091

i am in the market for an all mode, high power (i'm talking something 50w or better), >modifiable< 2-meter mobile rig. i do stress that the unit be a mobile rig, as i have no desire to take some sort of all mode base and convert it for mobile use. modifiable, well, for obvious reasons. can anyone recommend a decent rig? money is really not much of an object, but i do have a target price of around $800. i'll consider any rigs one might have for sale that fit this description.

thanks in advance

greg

vector@inferno.com

3996. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 07:46:09 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kttbp$8r6@news1.databank.com>
Source record: 250092

>Jeff,
> The issue being addressed here was whether an officer of the law
>would have any grounds for confiscating a radio that you have modified.
>If you have followed the entire thread, you know that the above statement
>is not as ridiculous as your out of context quote tries to make it appear.
>
>I stand by my statement that making such modifications, as with building
>a radio from scratch, is not illegal. I have never disputed that you are
>then responsible for ensuring part 15 compliance, should you choose to
>operate it.
>
>-Brian
>

Hi Brian:

I agree with you, except for one thing. I don't find a requirement in CFR 47 for compliance with part 15, except as it applies to the original manufacturer of the product. Nor do I find anything that states that equipment operated by a ham must meet this particular section of the rules.

In other words, I believe the only requirement for meeting part 15 falls on the original commercial manufacturer, and that otherwise, the operator is responsible only to insure that his equipment meets specifications for spurious and such items listed in other parts of the Rules.

A piece of commercial equipment which is proven to be in violation of part 15 carries the possibility of punitive measures only for the original manufacturer, and only if it is proven that the violation is specifically due to a failure on his part.

Let me know if you believe this is incorrect.

73,

Jack WB3U

3997. Re: Help: with automobile RFI problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 07:58:08 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3ktu29$8r6@news1.databank.com>
Source record: 250093

brunelli_pc@delphi.com wrote:
>
>

>I get a s5+ static noise while the engine is running.
>It goes away when the antenna is disconnected.
>It does NOT change pitch or volume with load or RPM.
>I have grounded the hood, engine, rear door, exhaust, and radio.
>I have not received interference from passing vehicles.
>

Pete,

Considering that the nature of the noise is unaffected by engine RPM, I would wonder if the culprit might be some of the onboard digital circuitry, such as the computer. These sometimes supply modulated control voltages to high current engine controls and the resultant noise radiation can be more severe than you might think. I don't know the specifics of your vehicle, so this is only a guess.

Regarding grounding and shielding, don't forget that noise carried on power leads and audio cables to your audio system can be re-radiated from your AM/FM antenna. You might want to try disconnecting this, just to eliminate one more possibility.

Best of luck with the problem.

73,

Jack WB3U

3998. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 08:08:55 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3ktumf$8r6@news1.databank.com>
Source record: 250094

raiar@vulcan.inlink.com (Gary V. Deutschmann Sr.) wrote:
>Time based contests should be aoutlawed, they have no place on the Amateur
>Bands.
>
>Gary N0ZOI, USA National Coordinator for RAIAR
>Radio Amateurs International Awards Registry
>

I agree with this entirely. Contest chaos preempts all else, including
emergency traffic. ARRL and other amateur organizations have been
unusually negligent in their failure to set aside "alternate use" frequencies
for both phone and CW during contests.

73,

Jack, WB3U

3999. Re: Ham weather radar?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 08:29:40 UTC
From: andy@pythagoras.org
Message-ID: <3ku07o$f6l@news.internex.net>
Source record: 250095

>>Would pluse one-way Carriers, with no data/voice/etc on it be legal?
>if i was to build a WX radar, my particular pulse pattern would be:
> _·_· __·_ _·_· __·_ _·· · ···_ · ···__ ·_· __·_ _··_
>and hey, if no one answers, well i guess thats too bad eh? :-)

>>In this case no, I don't think so - there would be no communications going
>>on.

Could it qualify as a beacon?

Andy Nourse -- Keep Colorful 1 Indigo Purple

4000. Re: Elitist attitude against No-Codes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 09:03:51 UTC
From: nowhere@bsu-cs.bsu.edu
Message-ID: <199503240903.EAA07158@bsu-cs.bsu.edu>
Source record: 250097

nobody@nowhere.anon.com (Nobody) writes:

>>You misspelled "propagation" . . .

>Gee... That was almost a necessary waste of bandwidth. You posted this because...?
>
>--
>Greg Corteville

Because I wanted to see if high school kids can read.
Thanks for your contribution to the survey.

4001. Re: 2-mtr fm in the UK

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 09:11:01 UTC
From: mikech@hysteria.bri.hp.com
Message-ID: <D5xtIE.6EJ@bri.hp.com>
Source record: 250098

In article <3ki186$t6v@newsbf02.news.aol.com>, jdy18@aol.com (JDY18) writes:
|> I am interested in operating 2-mtr fm in the UK, specifically in London. I
|> understand that UK repeaters must be accessed using a 1750 Hz tone. I have
|> also read that these repeaters may use CTCSS tones in parallel with the
|> 1750 Hz tone. Does anyone know if there are any repeaters in London using
|> the CTCSS tones? If so, freqs and tones would be helpful
|>
|> thanks es 73 de Jay, KD2L

I don't know which, if any, London repeaters are CTCSS equiped, but
the following may be useful...

The UK is divided into CTCSS repeater areas. These are labelled A, B,
etc. up to J.
Where a repeater is CTCSS equiped, it will append the CTCSS ident letter
A..J to its normal ident of GB3??

So the 2m repeater in Swindon, for example, sends a (morse) ident
of GB3WH J

UK repeaters are required by their licence to give their ID at least
every 15 minutes.

The CTCSS frequencies (in Hz) for these areas is ...

A 67.1
B 71.9
C 77.0
D 82.5
E 88.5
F 94.8
G 103.5
H 110.9
J 118.8

Note also that a UK repeater needs EITHER the 1750 Hz tone OR
the CTCSS sub-tone to 'open' it. Once open, it will remain
open until a few seconds of 'no carrier' occurs, when it will
drop out.

None of the repeaters (as far as I know) TRANSMIT CTCSS tones.

Hope that helps....

Mike

--
****

******** / ********
****** /__ __ ****** E-Mail: mikech@hpcpbla.bri.hp.com
***** / / / / ***** Mail: Hewlett-Packard Ltd,
***** / / /__/ ***** Filton Rd, Stoke Gifford,
****** / ****** Bristol, England. BS12 6QZ
******** / ******** Voice: +44 (0) 1179 228463
********************** Fax: +44 (0) 1179 236091
==========

4002. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 10:51:51 UTC
From: jmaass@freenet.columbus.oh.us
Message-ID: <3ku887$32e@acme.freenet.columbus.oh.us>
Source record: 250100
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Gary V. Deutschmann Sr. (raiar@vulcan.inlink.com) wrote:
: Both formuli o are correct.
: I've never seen a two story High Counterpoise, invite me over after you have
: it constructed, I want to se e how much of the sun it blocks....

A single quarter wave wire per band will serve as a counterpoise for the purposes of removing RF from the shack. It doesn't require a full set of radials as would a counterpoise as the term is used with ground mounted verticals.

I just run the wires around the base of the wall. They don't need to be arranged in any particular shape, or aligned in any way with the antenna.

Make sure that the counterpoise wire for each band has the end taped with electrical tape: these are high-voltage points, and your dog, cat, foot, etc. will not enjoy contacting that end while you are operating!
--
Jeff Maass NW of Columbus Ohio Amateur Radio K8ND
USPSA/IPSC # L-1192

4003. Re: FCC Reprimands K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 12:21:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8803.545@acenet.com>
Source record: 250101

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Just curious - why is it that Americans find angry, hateful, loud
talkshow hosts SO entertaining?

Sorry, I'll get back on topic I promise!

LI>Mark Monninger (markem@primenet.com) wrote:
LI>> >Unfortunately his heavily opinionated broadcasts with barely a
LI>> >minimal factual informational basis clog up the airways.

LI>> Wait a minute...who mentioned Rush Limbaugh??

LI>Gee, I thought he was talking about Tom Lykas.

Yeah - I heard that wierdo tonight too!

LI>>< 73's -- Jeff >>

SLMR 2.1a All that is not eternal is eternally out of date. CSLewis

4004. doppler shift DF for foxhunting

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 12:39:59 UTC
From: joshm@melbourne.DIALix.oz.au
Message-ID: <3kueiv$e8u$1@melbourne.DIALix.oz.au>
Source record: 250102

Hi there can any body please help me out with a desing for a doppler
shift direction finding system for foxhunting if so please let me no......

JOSHUA DAVID MILLER.
joshm@melbourne.dialix.oz.au

4005. Re: Sos

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 12:42:05 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796050198.AA00848@hamlink.mn.org>
Source record: 250037

Hi Jeff,

In 1906 there were no prosigns (procedure signals). That term was originally coined in military comm circles much later on.

Anyhow, I think we're picking flyspecks out of the pepper pot at this point. SOS means - Holy buckets Mabel, send the Coast Guard!

73, de Hans, K0HB

4006. Re: UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 12:46:41 UTC
From: bassettc@norand.com
Message-ID: <3kuevh$6p1@gamma.norand.com>
Source record: 250103

In article <9503191250133242@nohobbs.org>, brian.parker@nohobbs.org (Brian Parker) writes:
|>
|> To: dbushong@wang.com (Dave Bushong)
|>
|> D>{In this month's Wordradio, page 15, there is an article about a
|> >{UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
|> >{FT-470.
|>
|> I saw the darn thing to, and I've never hear of virus being transfer
|> via radio communications. These guys must have to much time on
|> there hands.
|>
|>

Was this issue of Wordradio the April issue by any chance ?? Maybe they caught a couple of April fools.
--
---
bassettc@norand.com | Lifes too short to be taken seriously.

Standard Boring Disclaimer : My opinions are my own , nobody else wants them.

4007. FS:Tektronics 7613, 7844, 7904 Oscilloscope Mainframes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 13:10:32 UTC
From: stevensn@cnj.digex.net
Message-ID: <3kugc8$ijq@cnj.digex.net>
Source record: 250028
Cross-posted to: rec.radio.amateur.misc,comp.lsi.testing,misc.forsale,rec.radio.amateur.equipment,rec.radio.swap,sci.electronics, biz.comp.hardware

[No readable article body recovered]

4008. FS: Tektronics 7613, 7844, 7904 Oscilloscope Mainframes

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 13:26:46 UTC
From: stevensn@cnj.digex.net
Message-ID: <3kuham$iva@cnj.digex.net>
Source record: 250029
Cross-posted to: rec.radio.amateur.misc,comp.lsi.testing,misc.forsale,rec.radio.amateur.equipment,rec.radio.swap,sci.electronics,
biz.comp.hardware

[No readable article body recovered]

4009. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 13:46:02 UTC
From: csle87@email.mot.com
Message-ID: <csle87-240395084602@145.39.1.10>
Source record: 250105

In article <3k9hma$5th@newsbf02.news.aol.com>, jimkd0av@aol.com (JimKD0AV) wrote:

> I recently bought an all-mode 144/440 radio from a local dealer. After a
> short period, I decided that it was more than I needed and returned it.
> The rig was a demo but the dealer hit me with a 15% restocking fee and
> said I should be happy that it wasn't their normal 25%. Their policy was
> posted near the cash register but I guess I missed it.
>
> I could understand a restocking fee on brand new, out of the box,
> equipment, but I thought 15% was a little excessive on a demo.
>
> I would be interested in anyone's experience on restocking fees. Either
> reply here or direct to JimKD0AV@aol.com (I will supply a summary of
> responses to those interested).
>
> thanks and "buyer beware"
>
> Jim KD0AV
> sadder but wiser.

Jim, I don't quite understand the reason for your complaint. Did you think that your dealer was simply going to pocket the money? Remember, he now has to check out the unit on a test bench to make sure it still works, because not everyone is as honest as you. Some less educated amateurs who didn't RTFM might have accidentally applied reverse power and smoked the insides, or tried to transmit without an antenna and thus fried part of the output stage before they brought the rig back.

Further, since the dealer did actually sell it, and you might have mailed in the warranty card, it is no longer a demo but now is considered USED. You know how big the price difference is between a new rig and the same rig when you try to sell it two weeks later. The dealer is in exactly the same situation, but he also has store overhead to cope with. I think your dealer was quite fair in reducing his normal restocking charge by 40%.

And I think you've learned that if you think a particular piece of gear might not be exactly what you want, you should insist that the restocking charges and time period be written on your invoice. (Examples: Restock fee 5% first 48 hours, 15% up to ten days, 25% up to 60 days.) Ethical dealers will be happy to do that because it protects both them and you so there are no questions or disagreements later; you don't want to deal with the stores who refuse. Last, ALWAYS keep the box, manuals, and warranty card in mint condition during the trial period. You will need the box if you ever send the radio back to the manufacturer's service facility in the future.

--

Karl Beckman, P.E. WA8NVW < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
If you agree with the opinions expressed, they're mine. If not, who cares?

4010. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:01:39 UTC
From: wrt@eskimo.com
Message-ID: <D5y6ys.DAA@eskimo.com>
Source record: 250106

[No readable article body recovered]

4011. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:03:40 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.15524.796057697.drayegon@drayegon.america.com>
Source record: 250107

> I'm looking for red plastic sheets that I can cut up for filters/
We do not have any hobbycraft
> stores in our area.

Try a photo shop. They have heat resistant film that is glueable. They are called gelatins. Should have several different colors available. If not try a local school that put's on play's for the students. They use sheets of it for changing the colors of their big spot lights.
The stuff is thin but tough and cuts with scissors
73 Ray AD4RR

4012. Re: umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:11:42 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.25421.796058169.drayegon@drayegon.america.com>
Source record: 250108

> 1. for working rs-10/11 HOW do i disable my IC-2GXAT HT's mic? i'm sure
RS10
> wont like FM sidbands to much, but how do i kill the mic OR pu on a PTT
> circiut <from hamcomm program>
>
> 2. Is it illegal to let somenon-ham use autopatch if i'm right there with
that person?
3. where the Heck do i get aluminum solder?

> 4. what are the RTTY-BAUDOT freqs on 2m IF any

> 5. what are the normal EME freqs? any from 144-144.21?

> thanks much...
>
> david
| David Roseman | c002@lehigh.edu |

The answer to every question you asked is in the new volume of The ARRL

Handbook available for $30. or you might find it in the local library.

73 Ray AD4RR

4013. CQ Highlights 4/95 i�����

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:13:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <6e.13962.332@cencore.com>
Source record: 250109

References: <3k852d$3tp@tekadm1.cse.tek.com>

RL> >"Suppose we have a rig putting out 100 watts and we feed that power
RL> >into the antenna. Also, let's assume the antenna has a 3 dB gain.
RL> That 3 >dB would increase our radiated signal in the antenna's best
RL> direction by >twice, or 200 watts. Let's also assume that the
RL> efficiency of the antenna >only has a ratio of 50 percent. That
RL> means we lose 50 watts, but because >the antenna has 3 dB of gain,
RL> we end up with what we started at -- 100 watts >being radiated."

Roy, Maybe just a poor way of expressing it. I think what was
meant was ERP, Effective Radiation Power, when the number 200watts
is mentioned. Of course, I also think that what is sauce for the
goose is sauce for the gander: 50% efficiency also means that
ERP has to be hit by the same amount, i.e. ERP is 100 watts.
Somehow the author ended up with the same ERP via a strange
way of arriving at it.

Every once in awhile CQ misses a mailing to me. I still don't
have the April issue.

* RM 1.3 02583 * Voters want a fraud they can believe in.

4014. New FM/ATV Repeater Coordination Body for EPA/SNJ

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:18:48 UTC
From: depolo@red.seas.upenn.edu
Message-ID: <3kukc8$6i8@netnews.upenn.edu>
Source record: 250110
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

This is a press release issued by the Area Repeater Coordination Council
for Eastern Pennsylvania and Southern New Jersey. It is asked that
it be distributed in full by electronic and printed means, particularly
through local amateur radio club newsletters in the EPA/SNJ region.

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24 March 95

NEW COORDINATION GROUP BEING FORMED

FM repeater coordination for the Eastern Pennsylvania and Southern
New Jersey ARRL Sections has been the province of The Philadelphia
Area Repeater Council (TPARC) but, because of longstanding
problems with the operation of TPARC, a new coordination group is
now in the process of being formed.

The repeater community had long been concerned with the shortcomings
of TPARC and lost coordinations, inaccuracies in the repeater directory,
consistent failures to respond to correspondence and other problems have
been endemic. The organization's structure has provided no opportunity
at all for the repeater community to have any voice in the way repeater
frequency coordination has been managed. Under TPARC, frequency
coordination has been in the hands of five self-appointed individuals
whose operations have been closed to outside participation.

When efforts to change the present system failed, a new frequency
coordination group was announced in February following a meeting attended
by a large and representative cross-section of repeater owners and
operators on February 11 at Fort Washington. To be known as the "Area
Frequency Coordination Council of EPA/SNJ" (or "ARCC"), the new group
is expected to complete its organization in May.

Under ARCC, frequency coordination will be re-formed as a membership-
supported system which will be far more open, representative,
participatory and accountable to the repeater provider community.

ARCC currently has five task forces working to complete its formation
and these five task forces and their chairmen include:

Transition Operations: Gene Pressler, W3ZXV
This is operating as a clearinghouse for all the other task
forces and is responsible for communicating their findings
and recommendations to the entire membership.

Constitution and By-Laws: Steve White, WA3IAO
This group is developing a final draft of a constitution and by-laws and preparing papers for incorporation and non-profit tax exemption status.

Financing and Dues: Vince Bardsley, KB3OM
Under KB3OM as interim treasurer, this group's function is to establish a solid financial base for the future operations of ARCC.

Coordination Policies and Procedures: Ron Raymond, K3LPR
This Task Force is formulating recommendations for coordination policies and how these will be established and followed by the new organization.

Coordination Database: Jeff DePolo, WN3A
Working with the above Task Force, WN3A is working to compile the results of a recently-mailed survey of existing repeaters and, from that, build a complete and accurate coordination database.

In the weeks following the original Fort Washington meeting, a mailing list including nearly every known repeater owner/operator in the EPA/SNJ areas has been developed and announcements of the new group's formation have been mailed to each of them. In addition, substantial start-up and operating funds have been voluntarily contributed by area radio clubs and individuals to help finance the new organization.

Because ARCC is being designed as an open organization, anyone interested in repeater operations has been invited to join in supporting this effort. For further information, please contact:

Gene Pressler, W3ZXV,
1746 Norristown Road
Maple Glen, PA 19002
Telephone: 215/646-5892
FAX: 215/646-6798.

4015. Re: UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:26:19 UTC
From: gamma7@ix.netcom.com
Message-ID: <3kukqb$49o@ixnews4.ix.netcom.com>
Source record: 250111

In <9503191250133242@nohobbs.org> brian.parker@nohobbs.org (Brian Parker) writes:

>
>
>To: dbushong@wang.com (Dave Bushong)
>
>D>{In this month's Wordradio, page 15, there is an article about a
> >{UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
> >{FT-470.
>
> I saw the darn thing to, and I've never hear of virus being transfer
> via radio communications. These guys must have to much time on
> there hands.
>
>
>brian.parker@nohobbs.org
>---
> • QMPro 1.51 • Chipmunks roasting on an open fire ....
>

This is another QST April fools plot. Come on folks, let's not be so gullible(sp?).

Regards,

Duffy - WB8NUT

4016. Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:33:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <6e.13963.332@cencore.com>
Source record: 250112

References: <3k6rnv$hmd@newsbf02.news.aol.com>

JJ> The rules state that the novice station should be used by novice and
JJ> techs, not higher licensed people. But I would think that a
JJ> non-licensed ham could give it a try with a control operator
JJ> present.

How about the more general question: anyone, licensed or not,
may talk on the mike of an amateur station, provided the
station is under the control of a properly licensed operator.

Is this true also of CW? I.e., may an unlicensed person operate
the key of an amateur station provided the properly licensed
operator in control of the station is present?

* RM 1.3 02583 * OS/2: InfoWorld's Software Product of the Year...Thrice

4017. Ramsey 220 MHz kit. Does

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:41:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <6e.13964.332@cencore.com>
Source record: 250113

References: <3kmqm6$ehn@eugene.convex.com>

DH> I am thinking about buying the Ramsey FX220 220 MHz ham transceiver.
DH> The only Ramsey kit I have is the SS-7 descrambler and I had to
DH> "modify" it to get desireable results. My question is, how well

I have heard a number of horror stories about the Ramsey kit.
Ten-Tec also sells a kit (at a slightly higher price).
Anyone out there who has had experience with it?

--k2bt

* RM 1.3 02583 * To get back on your feet, miss 2 car payments.

4018. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:44:13 UTC
From: gamma7@ix.netcom.com
Message-ID: <3kulrt$4m7@ixnews4.ix.netcom.com>
Source record: 250114

In <1995Mar21.103947.1@vax.sonoma.edu> harrisok@vax.sonoma.edu (Ken Harrison) writes:

>
>In article <3klmkk$k9k@news.bu.edu>, david@med-buspheb.bu.edu (David Gagnon) writes:
>> Tom Speairs (tspeairs@intnet.net) wrote:
>> : In article <3k7bdp$hm3@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) wrote:
>>
>> : One BIG feature, IMHO, is the $40 extended warranty on the RS handies. You
>> : have to have experienced the pain ($$$) and aggravation (shipping, etc.)
>> : of sending a japanese radio to the left coast to appreciate the "just drop
>> : it off at any RS, anytime" service.
>>
>> This is very true. I returned 3 of them over a three month period before
>> getting one that worked. I've had the last one for over a year now.

>> They were embarassed as hell when I kept coming back, but they cheerfully
>> replaced them all. Don't buy it without the extended warrantee.
>>
>> >David, N1QGK<
>
>Or put your $40 into a radio that you don't have to return 3 times
>to get one that works... In that way, you'll save some headaches.
>
>Just a thought...
>
>Ken
>--
>Ken Harrison harrisok@sonoma.edu
Ham: N6MHG
>~~~~~~

Extended Warranties are a rip-off. Just read Consumer Reports. The warranties are only good during the first two to three years when you would expect the radio NOT to fail. Notice, you can't come in and buy a warranty after you have had the radio for five years. They know the chances are much greater the radio will fail after you have had it awhile. They are also betting the radio will not fail during the first

two or three years.

As for returning the radio two or three times before you got one that worked. If people would stay away from buying that Korean junk from Tandy, they would not have these problems.

As for taking the radio to a local store and dropping it off. Do you know what happens to your radio then? If the city has a local repair center, this is what happens. The manager or another employee leaves your radio sit around for a few days until they are ready to take all the repairs to the repair depot. Then, they pile all the stuff into the car and drive it to the center. It is not packed and protected. With a little handheld, chances are that it is getting bounced around the trunk on its trip to and from the repair depot. I would rather pack and ship it to the West coast. At least it will be protected during the trip.

Buy quality from a real ham radio dealer. Stay away from the Ft. Worth distributed junk.

Regards,

Duffy

4019. Re: Rat Shack Ripoff

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 14:46:11 UTC
From: gamma7@ix.netcom.com
Message-ID: <3kulvj$52v@ixnews4.ix.netcom.com>
Source record: 250115

In <3kktnm$3ik@news.asu.edu> heller@mesa.k12.az.us (Doug Heller) writes:

>
>In article <8A5755C.0277006C28.uuout@atlwin.com>,
jay.stewart@atlwin.com (JAY STEWART) says:
>>
>>GS>I bought a 2006 a while back on the "no interest
>>GS>no payment for 6 months" plan.
>>GS>On the monthly statement interest kept appearing.
>>
>>GS>I thought maybe they would refund the charges
>>GS>at the end as some outfits do.
>>
>>Sorry you had problems with that. I actually work at a Radio Shack and
I
>>have seen the problem before. What happens is that when the sales
>>associate goes to the payment screen, they can pick what interest plan
>>you get. (Right now there are about 6 different ones.) It sounds like
>>that particular person picked the wrong one. If you've got your
original
>>ticket, it should say "0%" etc at the bottom. If it doesn't, then that
>>was the culprit, if it does, then it sounds like you've got more of a
>>legal case.
>>If you can't find the receipt, the stores keep a copy of them (a
>>paper--i.e. hard copy (it's not "in the computer" so don't ask)) boxed
>>up in the back, if you know the date that you bought it, then it can
be
>>looked up.
>>
>>Jay
>>
>>
>> * SLMR 2.1 * If this were an actual tagline, it would be funny.
>
>
>Also in the small print, its says, that if a payment is Late, the
>account will revert to a normal account and intrest charges will
appear.
>I use to work at a RS store, and saw that happen to a few people.
>Naturally there mad at the Sales Person. Most major retailers
>Sears, Wards, etc. do the same thing. You need to look close at the
>fine print though.
> Best of Luck
>

> Doug
Most reputable retailers will go back to the original no-interest plan
if you call the retailer and complain.

Regards,

Duffy

4020. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 15:02:27 UTC
From: tcmayo@eng106
Message-ID: <1995Mar24.150227.21747@knight.vf.ge.com>
Source record: 250116

David Horak (horak@convex.com) wrote:
: There have been several posts on this group about the HTX-202
: getting 10 watts on 13.8v. I didn't believe it until I bought
: one and tried it out for myself. Mine gets 10 watts on 13.8v
: too!

Mine puts out 25 watts! I couldn't believe it, but it's true.
I run it straight off the battery in the car, and I get a solid
25 watt output. With the 10 foot tower I've mounted on the trunk
lid and the 7-element Yagi, I can get in almost anywhere. The
rotor control software was a royal pain to write because I had to
install several accelerometers in the tower legs to compensate for
the yaw, pitch, and roll of the car. The other thing that is a bit
annoying is that I have to crank the tower down when I go through
toll-booths and under bridges. Also, cornering is tricky, I have
to get the passengers to move over to the other side of the car.
But the effort was well worth it---I have the best mobile station
anyone could hope for!

-Tom Mayo N1RMU tcmayo@mntr02.psf.ge.com
4-1-95

4021. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 15:04:08 UTC
From: horak@convex.com
Message-ID: <3kun18$pkr@eugene.convex.com>
Source record: 250117

In <1995Mar23.161012@fndcd.fnal.gov> levy@fndcd.fnal.gov writes:

>In article <1995Mar23.213625.20165@VFL.Paramax.COM>, rossi@VFL.Paramax.COM (Pete Rossi)
writes:
>>>In <3krlt1$pia@theopolis.orl.mmc.com> jcarter@orl.mmc.com (James Carter) writes:
>>>
>>>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
>>> There have been several posts on this group about the HTX-202
>>> getting 10 watts on 13.8v. I didn't believe it until I bought
>>
>> 10 watts!! Does Radio Shack offer .. optional asbestos gloves? :-)
>> That HT must get mighty hot pumping out 10 watts...

No hotter than my Alinco. But then, this unit seems to have more metal
than my Alinco. The HTX-202 feels more like a commercial HT.

>No, it comes with a case of freeze spray. When it gets too warm, you just
>'hose' it down... ;-)

Laugh all you want. Now that I have the HTX-202, I know what a real 2M
ham radio is like! And I could buy two of them for the price of those
"wide band" intermod models. Besides, I already own the world's finest
scanner.

```
============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
============================(An average SIG)==================================
```

4022. Getting Started in Idah Falls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 15:24:48 UTC
From: Jack Mott <jackm@pmafire.inel.gov>
Message-ID: <Pine.HPP.3.91.950324081948.27855A-100000@pmafire.inel.gov>
Source record: 250118

I live in the Idaho Falls, and I am interested in getting started in amateur radio. I have an extensive background in radar already, and I am mainly interested in designing and constructing new types of equipment. If anyone has similar interests or would like to tell me how to get started in the licensing process, I would appreciate it.

Charles Mott
(using my father's e-mail account)

4023. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 15:36:24 UTC
From: dara@physics.att.com
Message-ID: <D5yBCq.Hzw@nntpa.cb.att.com>
Source record: 250119

David Horak (horak@convex.com) wrote:
: There have been several posts on this group about the HTX-202
: getting 10 watts on 13.8v. I didn't believe it until I bought
: one and tried it out for myself. Mine gets 10 watts on 13.8v
: too! My old Alinco DJ560 still puts out 5 watts in a side by

: David Horak N5OFQ (not your average Dave)
: Plano, Texas (not your average plain-O town :-)

I'd worry about that. You are driving the final too hard. If
you try using it in the car it will see more than 14 volts.
That final will have a very short life (although quite a
spectacular ending). You should check the current drain when
it is putting out 10 watts, and adjust the drive so that
there is no more than 1.8 (guessing here) amps.

Shel WA2UBK

4024. Re: Geoclock

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 15:39:04 UTC
From: jayk@fc.hp.com
Message-ID: <3kup2o$itq@tadpole.fc.hp.com>
Source record: 250120

Marvin Hoffman (HOFFMANMK@CONRAD.APPSTATE.EDU) wrote:
: Can someone direct me to a/the source for the computer program
: Geoclock which shows a series of maps with the current time displayed
: in various cities, both USA and in other parts of the world?

: Is it commercial software, shareware or what? Where does one obtain it?
: Thanks in advance.

: Marv Hoffman, KD4EGV/AA
: Boone, NC

The shareware version (geoclk60.zip geoxtr60.zip) is available via anonymous
ftp from: oak.oakland.edu in the directory: simtel/msdos/graphics

73, Jay K0GU jayk@fc.hp.com

4025. Re: SE Michigan club working Field Day

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 15:56:21 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Mar24105621@rinhp750.gmr.com>
Source record: 250121

In article <3kq3mi$fsq@fiesta.srl.ford.com>,
Tom Allen <tea@holo5.srl.ford.com> wrote:
>Are there any southeastern Michigan clubs that still work
>Field Day?
>Tom Allen

There's the USECA (Utica-Shelby Emergency Communications Association)
club Field Day near Romeo, MI. USECA is a large but very friendly
club. The folks there will make you feel right at home. There will
be LOTS of opportunities to operate. Last year we ran 16A and finished
VERY WELL in the points. (See Nov 94 QST. The glowing tent on the
cover belongs to Scott KG8IE). Call Arpad WY8M 810-751-3804 for more.
We also have a pre-field day shakedown run and social event at Stoney
Creek metro park in the Winter Cove picnic area on May 13. Food, fun
and radio. (Last year we ran somehing like 7A for the shakedown) Call
Ann KG8IF at 810-739-2448 for details. The club maintains a wide
coverage repeater on 147.180+(100Hz pl). Drop by and chat a while.

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

4026. Re: Knowledge vs. Answers (was: NO CODE TECHS GETTING THE SHAFT...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 16:04:46 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3kuqiu$cpl@mother.usf.edu>
Source record: 250122

```
: I'm glad that I studied with the ARRL's _Now You're Talking_, because it
: provided useful information first, then tested you on comprehension afterwards.
: It's still an excellent reference -- for example, the section on antennas came
: in very handy when I built my dipole. It has information that you'd never
: find in a Gordon West book.

I also use _Now You're Talkin_ as a study guide for my technician and I
recommend it to others strongly. I use an Ameco book for General, and I
wasn't overly impressed with it. I use the ARRL study guides for
Advanced and Extra (just pass the written and missed the code.) The
explanations are done pretty well. I feel I have a better understanding
of many areas I have not tried yet. They are only $8 I think, and they
are well worth the money.

_Now You're Talking_ is good for about all ages and expertice levels. I
read it cover to cover before taking my first test. I am a strong
believer in learning material for tests of any sort. Memorizing
questions takes much more time than learning concepts and ideas.

73 Paul
--
* ======================================================================== *
> Paul Knupke, Jr. University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu Fidonet 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* ======================================================================== *
"We're only immortal for a limited time ..." -- Neil Peart
```

4027. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 16:08:31 UTC
From: knupke@babbage.csee.usf.edu
Message-ID: <3kuqpv$cpl@mother.usf.edu>
Source record: 250123

Al Gerheim (gerheim@PROBLEM_WITH_INEWS_GATEWAY_FILE) wrote:

: I agree somewhat. I normally run a few hours of class E (at home with
: generators) during Field Day, just to test the generators. I can't
: take any more than a few hours distributed over the weekend.

I like going to a field day operation that is somewhere that a station
normally doesn't operate. The fellowship, fun and even the food are
plenty of reason to get on. I like to work pileups also where I'm being
called. I've become pretty good on SSB, though I tend search and pounce
on CW as I'm not as proficient.

: I also run contests, but not for the score, just because so many
: stations are on the air. This is a great way to advance my DXCC

Same reason I run contests. They are fun too. Beats fighting for a new
country (or state on some bands) under non-contest pileups. I've worked
stations in contests from a dinky home station with wire dipoles that I
never though I could.

73

--
* == *
> Paul Knupke, Jr. University of South Florida Computer Engineering <
> knupke@babbage.csee.usf.edu Fidonet 1:377/61 <
> Tampa, FL * Amateur Radio Callsign KR4YL * Packet @WA1GUD.#TPA.FL.NOAM <
* == *
"We're only immortal for a limited time ..." -- Neil Peart

4028. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 17:24:28 UTC
From: res@colnet.cmhnet.org
Message-ID: <D5yGCs.835@colnet.cmhnet.org>
Source record: 250124

In article <kludgeD5so1p.Gy3@netcom.com>,
Scott Dorsey <kludge@netcom.com> wrote:
>The reason the aviation folks use AM is so that they can talk over top
>of one another... while this might not be polite, it makes it possible to
>break in on another transmission, which could be of benefit in an
>emergency.

I think the more plausible reason I've heard is that the embedded base of
AM radios in aircraft is so great that the FAA has never seriously considered
moving to another modulation scheme. AM does work fairly well in the mode
that it is used in aircraft, so no doubt the Feds have adopted an "if it ain't
broke, don't fix it" attitude. I was in New Zealand a few years back and
found they use FM in aircraft. Pilots were shocked to learn we were still
using such an "antiquated" scheme here in in the states...
--
Rob Stampfli rob@colnet.cmhnet.org The Bill of Rights: It was a
614-864-9377 HAM RADIO: kd8wk@n8jyv.oh good thing while it lasted...
PGP Fingerprint 1024/2C4F14D5 = 4F F4 50 92 F1 82 31 46 18 40 8D E3 B5 13 78 AC

4029. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 17:39:40 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar24.093940.1@vax.sonoma.edu>
Source record: 250125

In article <VBREAULT.95Mar23110838@rinhp750.gmr.com>, vbreault@rinhp750.gmr.com (Val Breault) writes:

> I know quite a few folks that own HTX-202 and HTX-404 radios Ken.
> I've even sold a few of them. All in all well over a dozen. I bought
> one of each for my personal use. I don't know why David N1QGK had so
> much trouble. It must be some kind of statistical anomoly. The "HTX"
> series radios are regarded as very reliable radios both in my personal
> experience and here on the net. The Maxon folks have very good QA.
<snip>

I've heard of people who are very happy with the first one they buy and I've also heard of a number of people who get lemons. I guess this happens with just about everything.

> When the battery broke off my two week old $500 icom radio the fine
> folks at icom said it was not covered by the warranty and suggested I
> send them $65 for a new battery. Since then I've had to replace the
> power connector and, later the antenna connector. This "top of the line"
> radio has taken a bit of wear and tear in a very bad way. I'm sure a
> $40 service plan would have been a good investment. As it is, I would
> have spent 5 times that much to repair the radio had I not been so darned
> cheap and waited until I had time to do it myself. (Shop estimate for
> power connector $65, for antenna connector $60, for battery $65)
>
> All those things would be covered by the TSP.

Sounds like you had quite a bit of bad luck with that Icom. How many of the problems with the Icom were a result of poor manufacturing? I really don't want to go passing judgement, but it sounds as though you weren't treating the Icom like a $500 investment should be treated. I am of the belief that a radio should be considered for the quality and features that it possesses, not the insurance policy that can be purchased along with it. The insurance plan idea reminds me of "The Good Guys" and "Circuit City" where the companies make MUCH more profit off of the unsuspecting consumer through sales of insurance than sales of equipment. When properly treated and cared for, electronic equipment tends not to just fail outright.

I suppose if one needs to insure against their own clumsiness, something like the TSP might be good for them. For me, I've never had a problem with my HTs related to my clumsiness. For that matter, I've never had a problem with my HTs... Icom, Kenwood or Yaesu.

> (Yes, I DO work part-time for Radio Shack. I apologise to the net for
> this bit of salesmanship... please forgive me.)

Aha! I thought I detected a bit of the Sales Droid mind set. :-) Thank you for helping me to get a little bit of perspective on "where you are coming from." You're foregiven. :-)

73,
Ken

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Show me a man with both feet on the ground and I'll show you a man who can't put his pants on." -- Arthur K. Watson
~~~~~~

4030. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 17:41:01 UTC
From: greg@core.rose.hp.com
Message-ID: <D5yH4E.MxE@icon.rose.hp.com>
Source record: 250126

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:
: In the san francisco bay area we can watch the Space Shuttle on 58
: vertical if we aim toward Mt Diablo. In the central valley the same
: shuttle transmissions are 58 horizontal if you aim toward Mt Bullion.
:
Ok, where is Mt. Bullion? I tried picking up Diablo once with no luck,
although I was at a severe disadvantage with my horizontal antenna.

Greg KD6KGW

4031. Re: Quote of California law on ham plates (was Re: Ham plates in California)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 18:15:49 UTC
From: keating@nosc.mil
Message-ID: <1995Mar24.181549.6533@nosc.mil>
Source record: 250030

California allows up to 7 characters on plates, now, and these are all valid plates as far as I know. Perhaps the 7 character ones don't allow spaces, though.

37,

Chris
- - - -

But Doesn't CA DMV disallow use of patterns which are similar to amateur radio callsigns for its vanity plates?

I believe I heard from a pal who tried this but was rejected at the time of
his application. An actual check or attempt would be more helpful than my speculation, I know.

Roger Keating - KD6EFQ DM12jr
keating@nosc.mil

4032. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 18:52:58 UTC
From: horak@convex.com
Message-ID: <3kv4ea$djh@eugene.convex.com>
Source record: 250031

In <1995Mar24.150227.21747@knight.vf.ge.com> tcmayo@eng106 (Tom Mayo N1RMU) writes:

>Mine puts out 25 watts! I couldn't believe it, but it's true.
>I run it straight off the battery in the car, and I get a solid
>25 watt output.

Hey, Tom. Maybe if you plug it into an AC outlet you'll get 50 watts!
Try it and let me know! :-)

David

4033. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 18:53:57 UTC
From: w9sz@prairienet.org
Message-ID: <3kv4g5$7a0@vixen.cso.uiuc.edu>
Source record: 250032

>
>I agree with this entirely. Contest chaos preempts all else, including
>emergency traffic. ARRL and other amateur organizations have been
>unusually negligent in their failure to set aside "alternate use" frequencies
>for both phone and CW during contests.
>
>73,
>
>Jack, WB3U
>

But they have! Contests deliberately avoid 30, 17 and 12 meter bands.
They are always free of contests, to my knowledge.

Zack W9SZ

4034. Re: Dif. between FT-530 and TH-79A?????

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 19:31:23 UTC
From: HVML86A@prodigy.com
Message-ID: <3kv6mb$hte@usenetp1.news.prodigy.com>
Source record: 250033

Just a comment. Unless you are attached to Kenwood, please consider the Yaesu FT-51R. It has identicle features to the Kenwood in most respects, and a larger (and illuminated) keypad. I purchased one about two months ago, and I am quite pleased so far.

73,
Tom, KA3GYI

4035. Re: [INFO NEEDED] AX.25, TCP/IP, what, where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 19:35:51 UTC
From: rmackay@bud.peinet.pe.ca
Message-ID: <rmackay.36.00139995@bud.peinet.pe.ca>
Source record: 250064
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

>Scott Ehrlich (scotte@ccs.neu.edu) wrote:

>: Please educate me. I'd like to see if we New Englanders can't get our
>: act together and set up something solid which can hopefully expand further.

>: --
>: Scott Ehrlich, Internetworking ASM, Eastern Mass. E-mail: wy1z@neu.edu
>: Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
>: Boston ARC Web page: http://www.acs.oakland.edu/barc.html
>: ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

>I'm confused. I thought the NEDA guys had quite the system of packet
>nodes and gateways running in the NorthEast. They're based in New
>Hampshire and, from what I've seen of their work, seem to have things
>humming along nicely. Or am I mistaken, not being from the area?

>73.

>--
>==
>Paul J. Piercey (VO1HE)

Well maybe the skip is too short Paul, the NEDA ideas have sure spread out into
Eastern Canada, as well as ONT & QUE. Boston must have missed it somehow?
73 - Ron
ve1aic

4036. Need windows 3.1 for

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 19:42:00 UTC
From: werner.stern@factory.com
Message-ID: <34303.2965.uupcb@factory.com>
Source record: 250034

TO: new@era.com

MF>.@N FROM :mark@ERA.COM
MF>.@N MSGID :<MARK.95Mar15160358@pooh.era.com>
MF>N Newsgroups: rec.radio.amateur.misc
MF>Path:
MF>uupsi!psinntp!news.intercon.com!panix!zip.eecs.umich.edu!caen!usenet.
cis
MF>.ufl.edu!usenet.eel.uf From: mark@ERA.COM (Mark Feit)
MF>Subject: Re: Need windows 3.1 for
MF>Message-ID: <MARK.95Mar15160358@pooh.era.com>
MF>Sender: news@ERA.COM
MF>Date: Wed, 15 Mar 1995 21:03:58 GMT

MF>On rec.radio.amateur.misc, cmoore@sedona.intel.com posts:
MF>>
MF>> > If I wanted to send Jonathan my copy of Windows 3.1 that I no
MF>> > longer use, and delete it off my system. (which I have already
MF>> > done as I run 3.11 WFW) then I don't see how I am breaking any
MF>> > laws. I am simply giving him my old unused copy of that program.
MF>> > I have removed it from my system so it will not be installed on
MF>> > two systems at once. Where is the legal problem??
MF>>
MF>> I'm no lawyer, but I'm pretty sure it violates the Microsoft
MF>> copyright if you upgrade from 3.1 to 3.11 and give away 3.1
MF>> Software gets stolen all the time and I object to the practice.
MF>> Can't see how you can dis- agree.

MF>I'm no lawyer either, and I don't agree with theft of software, but
MF>after reading the license, I think I can disagree with your
MF>assessment of whether or not giving away an unused copy of a program
MF>violates Microsoft's license agreement (or the law, for that matter).

MF>From the "Microsoft License Agreement" found in the front cover of
MF>the "Read This First" booklet packaged with Windoze, Windoze for
MF>Workgroups and the upgrade version (my comments in parentheses):

MF>(Section 1 covers permission to use the product and when it is
MF>considered "in use.")

MF>2. UPGRADES. If the SOFTWARE is an upgrade from another
MF>software product licensed to you, whether a previous Microsoft
MF>product version or a third-party product, the SOFTWARE must be
MF>used and transferred in conjunction with the upgraded product,
MF>unless you destroy the upgraded product. If the SOFTWARE is
MF>an upgrade to a component of a package of software programs

MF>which you licensed as a single product, the SOFTWARE may be
MF>used and transferred only as part of that single product
MF>package, and according to the License Agreement earlier
MF>provided with that single product package.

MF>(Section 3 covers what material is covered by the license and
MF>when it may be duplicated.)

MF>4. OTHER RESTRICTIONS. You may not rent or lease the
MF>SOFTWARE, but you may transfer the SOFTWARE and accompanying
MF>written materials on a permanent basis provided you retain no
MF>copies and the recipient agrees to the terms of this
MF>Agreement. You may not reverse engineer, decompile, or
MF>disassemble the SOFTWARE, except to the extent that such
MF>foregoing restriction is expressly prohibited by applicable law.

MF>(Section 5 covers software distributed on multiple media in
MF>the same package. Section 6 covers language software and
MF>isn't applicable to the Windows products.)

MF>If you've read and understood sections 2 and 4, ask yourself these
MF>questions:

MF>- Is the Windows license transferrable?
MF>- Is Bob's copy of WFW covered by a new license?
MF>- Has Bob met his end of the transfer terms?

MF>Keeping in mind that Bob never mentioned whether or not his copy of
MF>WFW was an upgrade kit and assuming he'd physically transfer his old
MF>copy of windows to Jonathan (as opposed to shipping it over the
MF>'net), would anybody care to give a *definitive* answer as to whether
MF>or not Bob can transfer his old copy of Windoze to Jonathan? (For
MF>more thoughts on net.lawyers, see the .sig quote below.)

MF>- Mark

Hi, I'm probably sending this to the wrong sender, but,

Windows 3.1 and Windows for Workgroups are two different products.

So The license agreement for one has nothing to do with the other.
The was a minor upgrade to Win 3.1 to 3.11 that's the upgrade.

A weird coincidence (not unusual for Microsoft after all) to have the
version numbers the same.

Regards,

Werner

Internet Addr: werner.stern@factory.com

4037. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 20:22:47 UTC
From: slay@netcom.com
Message-ID: <slayD5yoLz.90M@netcom.com>
Source record: 250035

Gary V. Deutschmann Sr. (raiar@vulcan.inlink.com) wrote:
: Time based contests should be aoutlawed, they have no place on the Amateur
: Bands.

: Gary N0ZOI, USA National Coordinator for RAIAR
: Radio Amateurs International Awards Registry

That's right! Let's "string 'em up" if they dare to contest. Besides...
a whole bunch of these contesters are also out there chasing various
"international awards" and certificates ..... and we CAN'T allow that!
But, but, but ..... then we wouldn't need an USA Nat'l Coordinator
for the Radio Amateurs International Awards Registry .... now would we? ;-)

With tongue firmly in cheek (wish I could write like Derek),
Warmest 73, Sandy WA6BXH/7J1ABV
slay@netcom.com

4038. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 20:34:57 UTC
From: knappsm@cig.mot.com
Message-ID: <KNAPPSM.95Mar24143457@crablegs.cig.mot.com>
Source record: 250036

>From: brian.carling@acenet.com (Brian Carling)
>Newsgroups: rec.radio.amateur.misc
>
>Good grief! Imagne if that happened when you shopped at Sears
>or Penneys! The public would be up in arms about it.
>Complaints would be filed.
>Hams on the other hand have toput up with dealers saying we are
>"stingy" because we will buy mail order to save $100 on a new rig,
>and then when you DO buy from them they treat you like this?!
>Unbelievable policy. I would let everyone know who this dealer is.
>
>I wish you would post the name. I will never buy from them.
>I wish people would post the names of any and all amateur radio
>dealers that do this kind of thing. I will take them OFF of
>my published list of recommended dealers immediately too.

Good grief! Do you go to Sears, buy a tool, use it for a project then
decide it's not worth the money and return it?

I can see why ham stores do this! If I buy a radio and use it for a
few days and return it, the dealer can't sell it as new. THAT's one
reason why they charge the restocking fee. The other reason is that
they are not a rental store, nor to they have a free trial period. The
threat of the restocking fee keeps people from borrowing gear for a
few days.

You buy a radio, if you don't like it, tough, eat the restocking
fee. You should have used it at the store a bit (or asked about it on
usenet) before you plunked down your cash. All the ham dealers I've
been to have all their rigs on display in an operational state
(antenna and all).

Exceptions to this idea are radios that are dead out of the box, a
case where you've returned two or three DOA radios, or VERY good
customers of the store.

Steve
--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3209AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

4039. US License Examination Opportunities Scheduled 3/24/95 to 7/31/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 20:57:00 UTC
From: "Jahnke, Bart, KB9NM" <bjahnke@arrl.org>
Message-ID: <2F7332B5@arrl.org>
Source record: 250038
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Newsgroups: rec.radio.amateur.misc,rec.radio.info
Organization: American Radio Relay League - VEC
Distribution: world
Followup-To: rec.radio.amateur.misc
Approved: rec-radio-info@ve6mgs.ampr.ab.ca

[[EXAMNT3.24W : 3846 in EXAMNT3.24W]]

* Effective - December 20, 1994, prospective licensees and upgraders
can call the FCC at 1-800-322-1117 to learn whether or not their pending
FCC Form 610 license application has been processed, and if a new
license has been granted. If a new license has been granted, the person
can begin immediate on-the-air operation (using their FCC-issued call
sign) with the privileges of the new license as indicated by the FCC
(during the telephone inquiry). The hardcopy (printed) license would
follow shortly after the license grant is indicated in the FCC Amateur
Service data base.

* News Flash * Effective December 1, 1994, FCC began accepting
Form 610 data electronically from the ARRL, W5YI and Sunnyvale VECs.
Four more VECs should also be doing so shortly.

If your test was coordinated through the ARRL/VEC, license turnaround
time will be approximately 23-26 days. This includes 5 days between the
VE team and the VEC; 1-2 days at the VEC (in some cases the same day);
and 16-19 days at the FCC.

AMATEUR RADIO EXAMINATION OPPORTUNITIES

****

The following test session information is provided by the
ARRL/VEC for the upcoming eight to twelve week period. For
further information, please contact the test session CONTACT
PERSON at the telephone number provided. If necessary, you
may contact the ARRL/VEC at 203-666-1541 x282 for additional
information. Electronic mail may be forwarded to the ARRL/VEC
via USENET at "bjahnke@arrl.org" or via MCI Mail to
MCI ID: 653-2312 or 215-5052.

Although the test session information presented here does
not indicate whether walk-ins are accepted or not, most test
sessions do allow walk-ins. We encourage you, however, to
always contact the CONTACT PERSON at the telephone number
provided so that the VE Team is aware that you be attending
the test session.

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE
Test Date,VEC,City,,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541
The 1995 test fee is $5.90.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;
704-596-2168

D = Great Lakes ARC VEC Inc., 3040 Harrison St, Glenview, IL 60025;
708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-737-2315.

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;
414-774-6999.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 615-688-7771.
The 1995 test fee is $5.90.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1995 test fee is $5.90.

EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

AMERICAN SOMOA
05/13/95,A,Mapusaga Village,,684-699-2420,Michael Homsany
06/24/95,A,Mapusaga Village,,684-699-2420,Michael Homsany

GUAM
04/23/95,A,Agana Heights,,,Rick Kennerly NH2F
05/21/95,A,Adelup,,627-646-7611,Harry Y Taguchi
06/16/95,A,Adelup,,627-646-7611,Harry Y Taguchi
07/23/95,A,Agana Heights,,,Rick Kennerly NH2F

PUERTO RICO
03/25/95,A,San Juan,,809-789-4998,Victor Madero
04/29/95,A,San Juan,,809-789-4998,Victor Madero
05/27/95,A,San Juan,,809-789-4998,Victor Madero
07/29/95,A,San Juan,,809-789-4998,Victor Madero

US VIRGIN ISLANDS
04/08/95,A,St Croix,,809-778-3156,Frank Jaeger
05/14/95,A,ST Thomas,,809-774-4740,Ronald A Hall Sr
07/08/95,A,St Croix,,809-778-3156,Frank Jaeger

OTHER
04/01/95,A,Australia,,089-531-305,Maury Hatfield
04/01/95,A,Yokosuka Japan,,243-4664,Paul W Jackson USN
04/09/95,A,Leeds, England,,144-423-870,Mike Parker N6svl
04/22/95,A,England,,044-1725-371,Betty Steed N3TFX
05/13/95,A,Germany,,352-45102,Joachim Heyse
05/27/95,A,England,,081-902-5995,Yves a g Remedios

*EOF

4040. 4/1/95 MS Skeds Wanted !

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 21:09:47 UTC
From: YPAK35A@prodigy.com
Message-ID: <3kvcer$qdq@usenetw1.news.prodigy.com>
Source record: 250039

I am looking for 6 or 2 meter meteor scatter skeds on 4/1/95. My grid is EM51JQ , located in SE Ms. Newcommers to scatter welcome. Please e-mail reply as soon asap and include your grid and landline # with best time to call to arrange sked. WB5KYK- Larry

4041. Addresses to Scandinavian Magazines ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 21:13:41 UTC
From: cj@aristotle.algonet.se
Message-ID: <3kvckm$1u4@alecto.algonet.se>
Source record: 250040
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Attention all SCANDINAVIANS ;-)

I'm looking for names and addresses (tel and faxnumbers) to national
HAM, electronics, science or technical magazines published in Denmark,
Norway, Iceland and Finland...

If you could help me with this please reply...

PS! I'm sorry to use an International group for this but I couldn't

find any Scandinavian group with a correct carter...

Thanks in advance,

/Christer

-=-=-=

4042. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 21:26:09 UTC
From: knappsm@cig.mot.com
Message-ID: <KNAPPSM.95Mar24152609@crablegs.cig.mot.com>
Source record: 250041

>pws8157@ucs.usl.edu (Soileau Patrick W) writes:
>>In article <D5Gx8I.Ev9@iglou.com>, Greg Law <gregl@iglou.com> wrote:
>>>..... I've also learned quite a bit by reading -- LOTS of
>>>reading. But, I do have an advantage. I don't study the answers to the
>>>questions. I want to know WHY the answer is correct and the only way to
>>>do that is to study the underlying principles. ....
>>
>>I couldn't agree with you more, Greg. Last summer I studied to take the
>>General Radiotelephone Operator commercial license exam. W5YI had two books
>>out on the subject, one was just a question pool. The other book had the
>>question pool, with explanations following the correct answer. I think that
>>I learned a lot more that way than if I had merely memorized q&a's....
>>
>>73 de ka5nmn
>>pat
>Seconded, and seconded again! When I ran across a question on Thevinen's
>theorem in stdying for one of the exams, I could not stand to just memorize
>the answer. In fact, I was not satisfied that I really understood it,.
>until I proved it for myself. It took a while, but the proof turned out
>to be rather simple. My study materials did not include a proof.

I was amazed how few people in college (Graduated 7 months ago)
believed this! It was all formulas! I always found it easier to learn
and remember something by understanding the basics (ohm's law) and
then understanding what I could do with it. Thevinen's theorem is not
some formula, it's an idea!

But sometimes examples are the best way to learn. Look at the
question, read the answer, understand why the answer is what it
is. Next time you won't need to read the answer, you'll know it!

Steve

--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3209AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

4043. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 21:28:52 UTC
From: horak@convex.com
Message-ID: <3kvdik$qqv@eugene.convex.com>
Source record: 250042

In <D5yBCq.Hzw@nntpa.cb.att.com> dara@physics.att.com (Shel Darack) writes:

>David Horak (horak@convex.com) wrote:
>: There have been several posts on this group about the HTX-202
>: getting 10 watts on 13.8v. I didn't believe it until I bought
>: one and tried it out for myself. Mine gets 10 watts on 13.8v
>: too! My old Alinco DJ560 still puts out 5 watts in a side by

>: David Horak N5OFQ (not your average Dave)
>: Plano, Texas (not your average plain-O town :-)

>I'd worry about that. You are driving the final too hard. If
>you try using it in the car it will see more than 14 volts.
>That final will have a very short life (although quite a
>spectacular ending). You should check the current drain when
>it is putting out 10 watts, and adjust the drive so that
>there is no more than 1.8 (guessing here) amps.

I am concerned about that; however, I've never seen it go over 10w
in the car. Another thing, since I'm not the only one out here
getting 10 watts and there are a lot of these on the market, AND
I've never heard of blown final problems, maybe my worrys are
unfounded. At any rate, you bring up a good point and I'd like
for someone more technical than myself to comment on it.

Where is Gary? :-)

```
============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
============================(An average SIG)==================================
```

4044. Re: UHF/VHF anti-virus filter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 22:19:26 UTC
From: s2202629@np.ac.sg
Message-ID: <3kvghe$md4@nova.np.ac.sg>
Source record: 250043
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <D5Jxyu.4J@wang.com>, Dave Bushong <dbushong@wang.com> wrote:
>In this month's Wordradio, page 15, there is an article about a
>UHF/VHF anti-virus filter for HTs. It's shown on top of a Yaesu
>FT-470.

No chance it was in the April issue was it?

4045. Re: Timewave dsp 9+ or mfj

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 22:31:36 UTC
From: dbushong@wang.com
Message-ID: <D5yuKp.KKn@wang.com>
Source record: 250044

little@iamu.chi.dec.com (Todd Little) writes:

>In article <795957060.AA00834@hamlink.mn.org>, k0hb@hamlink.mn.org (Hans Brakob) writes:
>|>Actually, the "center freq" control allows you to use the 59+ as a
>|>"mini-VFO" if you wish. Open up the filters wide on your rig in a
>|>busy part of the band, set width at a narrow value, say 50 HZ, then use
>|>the center freq control to step through the signals. Kinda neat in
>|>contests.

>Hans, how do you find the DSP unit compares to an IF filter? My personal
>experienc with the W9GR DSP filter that I built seems to indicate that IF
>selectivity is much more effective than AF selectivity. At least with my
>rigs (FT-767GX, TS-820S, SB-104) selectivity at the IF is much more useful
>as it allows the ALC to track the selected signal instead of all the
>signals present in a much wider passband.

>Together they make a formidable pair, but I wouldn't trade one for the other.

[sorry for the total followup-quote, but it's relevant]

I agree with you - in order to use an HF DSP filter, you need a
relatively selective rig. If you try to use an SSB filter for CW, and
get a DSP to fix it, it won't work. Especially if you have a rig with
AGC. All of a sudden, you will lose your intended signal, because the
offending station is booming in. You really need to get a filter that
is ideal for the mode that you are trying to use.

I have some WAV files that you can get that will show before/after
results, if anyone's interested.

If you want to experiment with DSP, you might want to get the 59+.
It's infinitely variable, or close, and it's a superior product. But
if you want to work a contest, where you don't have time for
infinitely variable things, I have to recommend the 9+ as a "must-buy"
for anyone who wants to augment their contest setup. It's a
button-pusher's delight: "make this work!" and it does.

By the way, when I switch it on, it makes it so that other hams (or
aspiring hams) in the shack can copy code that is being sent.

Dave, KZ1O

<disclaimer: I don't work for these guys, or anything close to it>

--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

4046. Got QSL from PZ1DV ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 22:32:17 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503241631.ZM3533@SALCIUS2>
Source record: 250045

Did anyone ever get a QSL card from PZ1DV ?

I thought the QSL manager was WG9V (or something close to that) but he returned my card saying he isn't the manager for PZ1DV.

My local packet-cluster says "Mr. No-QSL'er" when I inquire about the QSL route for PZ1DV.

73 de Wayne Estes WD5FFH wayne@csg.mot.com

124 countries worked, 82 confirmed...where's the mailman?

4047. Re: Out-of-band emergency

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 22:39:56 UTC
From: s2202629@np.ac.sg
Message-ID: <3kvhns$md8@nova.np.ac.sg>
Source record: 250046

In article <34259.2965.uupcb@factory.com>,
Werner Stern <werner.stern@factory.com> wrote:

>There has recently been a situation where a ham in California used a
>poice channel with his modified 2 meter handheld to signal for help.

>The main complication is that the rig was modified (perfectly legal
>for a ham to do) to listen but you better be very sure of your
>position, which is, no other means of communication was available.
>
>With regard to FCC declarations of emergency: these are rare and
>usually have to do with major emregencies. Even then only certain
>stations will be authorized to yse these frequencies. Most hams will
>not be allowed on them and you will get tagged if you do.
>
Perhaps the article in QST (Oct '88) "Emergency Communication: Is it
legal?", by Edward Mitchell, WA6AOD, could be of interest to anyone on the
subject...

I've got a copy of it in 'electronic form', if anyone wants I could email it
to (I believe you'll find it on the ARRL server too...)

In it, it reads:

" The key words that define an emergency are "immediate safety of
life of individuals or the immediate protection of property." Obvious
examples of an emergency include natural disasters - such as
tornadoes, hurricanes, blizzards, floods - and other forms of severe
weather, forest fires, land slides, and earthquakes, all of which
typically cause immediate danger to both life and property."

But here's -my- humble opnion on the subject of emerg comms:

If it will make a difference, and save a life and/or property. If -I- will
make a difference with hitting the PTT and requesting for aid, I will.

So what if you get slapped with a fine, get tossed in a cell and even your
licence got revoked? All these add up, can it be compared with saving
someones -life-?

"Erm, I can't transmit on -that- freq! I could get <fill in the above> -
Sorry, just lie there in your puddle of blood whist I try to hit the local
repeater..."

Perhaps I'm overly simplistic. But I rather regret the things I have done in
life, than regret those I did not do.

Just -my- opnion. Flames are welcomed on this subject.

NB: In Singapore, our amateur licence can be revoked/'not be renewed' by our licencing authority -without assigning any reason therefor-. They reserve that right to. I guess they make their job so much easier.

4048. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 22:42:02 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3kvhrq$pb0@news.ccit.arizona.edu>
Source record: 250047

Realize, too, that the ham dealer is a specialty store that sells equipment on a relatively small margin, compared to those margins enjoyed by high-volume department stores such as aforementioned SEARS and Penney's. The typical ham dealer cannot operate his/her business the same way, and cannot afford a "no questions asked" type of return policy.

Howard Lester KE7QJ

4049. Looking for ARES & RACES Groups

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 22:50:17 UTC
From: nacec@millcomm.com
Message-ID: <3kvib9$n22@news.millcomm.com>
Source record: 250048

I have put up a homepage on the WWW. Part of the function of this
homepage is to collect information on as many ARES and RACES groups
as possible. The data collected will be used for two things. First,
to make sure that any disaster relief agency or organization contacting
us for emergency communications support following a disaster is aware
of your group, its capabilities and has a point of contact. Secondly,
when we send our field team into the disaster area we will want them
to contact your group so that we may work to ensure the most rapid
and best deployment of our commercial emergency communications systems.

NACEC is still in the planning and building phase and we hope to
establish a solid and mutually benificial working relationship with
the Amateur Radio Community throughout North America.

Please visit our home page at:

http://www.winternet.com/~nacec/index.html

If you would like to get involved in helping us move this project
on line, please drop me an email message. We could use your help.

NACEC is not compeeting or attempting to replace the critically important
local emergency communications support services provided by the Amateur
Radio community. We are here to make it stronger and together better
serve the needs of the disaster survivors

Thanks

73

Edward Addy / KE0EG
NACEC Minneapolis

4050. IPS Daily Report - 24 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-24 23:26:05 UTC
From: rwc@ips.oz.au
Message-ID: <3kvked$dkq@flare.syd.ips.oz.au>
Source record: 250049
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 24/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 24 MARCH AND FORECAST FOR 25 MARCH - 27 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 95/41

GOES satellite data for 23 Mar
Daily Proton Fluence >1 MeV: 1.2E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 4.9E+07 (normal)
X-ray background: B2.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
25 Mar 26 Mar 27 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 25 Mar: 95/41

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A K Observed A Index 23 Mar
Learmonth 7 3231 2211
Fredericksburg 5 5
Planetary 8 7

Observed Kp for 23 Mar: 1112 3323
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
25 Mar 10 Quiet to unsettled
26 Mar 15 Mostly unsettled, with brief active periods possible.
27 Mar 25 Unsettled to active, with possible isolated minor
storm periods.

COMMENT: IPS Geomagnetic Disturbance Warning 95/08 was issued on 24 March
for the interval of 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
24 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
25 Mar normal normal normal
26 Mar normal normal normal-fair
27 Mar normal normal-fair fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
24 Mar 54 15 to 30% above predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
25 Mar 45 About 15% above predicted monthly values
26 Mar 30 Near predicted monthly values
27 Mar 30 Near predicted monthly values

COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4051. re: out-of-band, emergency, etc.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 00:43:23 UTC
From: NFullagar@ccgate.apl.COM
Message-ID: <9502247960.AA796092370@ccgate.apl.com>
Source record: 250050

>I've followed this ridiculous thread for at least 2 1/2 years. Rather than trying to find loopholes in the law so you can satisfy this inner desire to have a police-capable radio, why not instead arm yourself with a repeater directory and a cell phone?

Golly gee, someone with an *even more* perverse and morbid facination with the thread than my own! I'll certainly agree that there's been a lot of absurdities put forth, from various quarters.

>Rather than trying to find loopholes in the law so you can satisfy this inner desire to have a police-capable radio,

I don't see it as finding loophole. The law seems clear enough and if it weren't, who cares? Let's say you've bought a mod'd HT at a hamfest. You didn't but it to xmit on the state police frequency, but you know it will. Are you saying you'll stand there and say "Gee, I could lose my license if I transmit out of band" while someone bleeds to death before your eyes? If so, I'm real sorry to hear that.

Is it just FFC regs that are too sacred to violate? Would you break into a house that you knew contained a landline phone to report a life-threatening emergency if there were no other means readily available?

Of course I would use other available resources first, but in a *real* emergency I'll do what needs to be done and deal with the consequences later. My guess is you would, too.

> why not instead arm yourself
with a repeater directory and a cell phone?

I have both, as a matter of fact. And I take them with me when I travel. And often I carry BOTH an HT and a cell phone on my bicycle. But there's an awful lot of road out there where there's no cell service, despite cellular industry talk about "statewide coverage" and such.

And numerous repeaters require (unpublished) PL tones. (Actually, that brings up an interesting point - why on earth does the ARRL accept director listings of "open" repeaters that specify that a tone is required but don't specify the tone??) And a ham repeater isn't much use in an emergency unless there's someone else there to talk to - someone who isn't also mobile, miles from a phone.

Personally, I intend to make the mods to my HT and VHF/UHF mobile, not so I can transmit out of band but so I can receive. I would like to see the manufacturers design things so an rx mod could be done without the tx mod. To avoid accidentally xmitting where I don't mean to, I'll have to do some creative frequency split programming - which I'll do.

>Jeff NH6IL (who carries a 200W 162.55 MHz transmitter with 1050 Hz tone encoder with him so he can activate all weather radios within a 20 mile radius `just in case'.)

Gosh, I hadn't thought of that... What kind of batteries do you use?

Neil KE6NCX
nfullagar@ccgate.apl.com

4052. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 00:44:19 UTC
From: FSWF37A@prodigy.com
Message-ID: <3kvp13$17l6@usenetw1.news.prodigy.com>
Source record: 250051

Contests can be a lot of fun.....
They test your station and your operating skills....
There not for everyone.....
Before you knock 'em try it .....pick one you may have an interest in and
give it a go.....you might get hooked or decide it's the dummest thing
around.
I tried a DX contest and did poorly .....that got me p..sed....I kept at
it until I won the section award (2 times), then that was it , too much
work.....
but I'm gettin the itch again.....

73,
Jim WB2TPS

4053. ARLB028 W4OYI condition improves

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 01:02:01 UTC
From: w1aw@arrl.org
Message-ID: <$arlb028.1995@ampr.org>
Source record: 250052
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB028
ARLB028 W4OYI condition improves

ZCZC AG94
QST de W1AW
ARRL Bulletin 28 ARLB028
From ARRL Headquarters
Newington CT March 24, 1995
To all radio amateurs

SB QST ARL ARLB028
ARLB028 W4OYI condition improves

The condition of ARRL President George Wilson, W4OYI, who suffered a
stroke on February 11, has improved. In the next few days he is
expected to be transported by air ambulance from the Virginia
hospital where he has been undergoing treatment, to his home town of
Owensboro, Kentucky. George will enter a transitional care facility
in Owensboro until he is ready for admission to a rehabilitation
facility.

Friends may send cards to George's home address: 1649 Griffith
Avenue, Owensboro KY 42301.
NNNN
/EX
```

4054. ARLP014 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 01:10:39 UTC
From: w1aw@arrl.org
Message-ID: <$arlp014.1995@ampr.org>
Source record: 250053
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP014
ARLP014 Propagation de KT7H

ZCZC AP82
QST de W1AW
Propagation Forecast Bulletin 14 ARLP014
From Tad Cook, KT7H
Seattle, WA March 24, 1995
To all radio amateurs

SB PROP ARL ARLP014
ARLP014 Propagation de KT7H

Solar flux averaged about 10 points higher this week than last.
Combined with quiet geomagnetic conditions, this generated good
conditions.

Propagation should remain good through the WPX SSB contest this
weekend. A recurring coronal hole may affect the end of the
contest, although the full force probably won't be felt until
Monday.

After this weekend the solar flux should stay in the mid-80s over
the next month, with another possible disturbance around April 9.

Sunspot Numbers for March 16 through 22 were 19, 33, 71, 69, 63, 68
and 83, with a mean of 58. 10.7 cm flux was 84.2, 83.4, 91.8, 84.2,
89, 90 and 93.5, with a mean of 88.

The path projection for this week is from middle of the continental
United States to France.

80 meters looks good from 0030 to 0630z, and 40 meters from 2330 to
0730. Check 30 meters from 2130 to 0500, and 20 meters from 1330 to
2200. 17 meters should be open from 1700 to 2000. On some days 15
meters may be open from 1800 to 2000. 12 and 10 meters do not look
good at this time.
NNNN
/EX

4055. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 01:13:20 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kvqo4$s8e@news1.databank.com>
Source record: 250054

w9sz@prairienet.org (Zack Widup) wrote:
>
>But they have! Contests deliberately avoid 30, 17 and 12 meter bands.
>They are always free of contests, to my knowledge.
>

Thanks for the info. Now all we need is your personal guarantee that
these bands will be open during an emergency.

73, Jack WB3U

4056. IS THERE A WASH DC 2 METER REPEATER FOR HANDYTALKIES?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 02:02:48 UTC
From: jjones <jjones@albany.net>
Message-ID: <3kvtk8$51@apollo.albany.net>
Source record: 250055

Greetings from K2aym and N2jjj in Albany,NY,
We're travelling to Washington DC on 3/25 and would like to know
if there is a 2 meter repeater we can use with our handy-talkies
as we trek around the monuments and museums. If there is, we need
to know any protocol/etiquette in that area.

Would appreciate any info but please respond by email.

Thanks, and 73s

4057. Source For Nichrome Wire?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 02:06:44 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3kvts8$s8e@news1.databank.com>
Source record: 250056

Anyone know where I can obtain a small quantity of 14 to 18 gauge nichrome wire? I'll be using it to tame parasitics in an old Gonset KW.

I tried salvaging this from a toaster, but it's impossible to solder after it's been oxidized by heat (even new toasters have been heated at least once).

Any and all help will be appreciated.

73, Jack WB3U

4058. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 02:35:27 UTC
From: gbaron@sparc.isl.net
Message-ID: <3kvom1$m89@news.isl.net>
Source record: 250057

knappsm@cig.mot.com (Steven M Knapp) wrote:

>>From: brian.carling@acenet.com (Brian Carling)
>>Newsgroups: rec.radio.amateur.misc
>>
>>Good grief! Imagne if that happened when you shopped at Sears
>>or Penneys! The public would be up in arms about it.
>>Complaints would be filed.
>>Hams on the other hand have toput up with dealers saying we are
>>"stingy" because we will buy mail order to save $100 on a new rig,
>>and then when you DO buy from them they treat you like this?!
>>Unbelievable policy. I would let everyone know who this dealer is.
>>
>>I wish you would post the name. I will never buy from them.
>>I wish people would post the names of any and all amateur radio
>>dealers that do this kind of thing. I will take them OFF of
>>my published list of recommended dealers immediately too.

>Good grief! Do you go to Sears, buy a tool, use it for a project then
>decide it's not worth the money and return it?

>I can see why ham stores do this! If I buy a radio and use it for a
>few days and return it, the dealer can't sell it as new. THAT's one
>reason why they charge the restocking fee. The other reason is that
>they are not a rental store, nor to they have a free trial period. The
>threat of the restocking fee keeps people from borrowing gear for a
>few days.

>You buy a radio, if you don't like it, tough, eat the restocking
>fee. You should have used it at the store a bit (or asked about it on
>usenet) before you plunked down your cash. All the ham dealers I've
>been to have all their rigs on display in an operational state
>(antenna and all).

>Exceptions to this idea are radios that are dead out of the box, a
>case where you've returned two or three DOA radios, or VERY good
>customers of the store.

>Steve
>--
>---
>Steven M. Knapp Motorola Inc, CIG
> 1501 W Shure Dr. IL27-3209AR
>Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

I can't hack a restocking fee. I think it should be like computer
stores, stores like Best Buy, etc. They all have a 30 day no questions
asked return policy.
Yes, they have to east some cost from time to time but the good will
is huge.
The percentage of returns is minuscule.
I won't buy if I can't return. Why should I? Many places allow it.
Gil Baron W0MN gbaron@sparc.isl.net, finger for my pgp key
"Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
"Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"

4059. Which TNC is the best to buy presently?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 02:51:06 UTC
From: simard01@gel.ulaval.ca
Message-ID: <3l00eq$m8i@goudron.gel.ulaval.ca>
Source record: 250058

Hi,

I would like to begin a packet station and I would like to know
which TNC are you using.... Do you like it? Does it work properly?
Expensive?

Thanks, 73's
VE2VSB

4060. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:01:56 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3l013o$s8e@news1.databank.com>
Source record: 250059

horak@convex.com (David Horak) wrote:
>In <1995Mar24.150227.21747@knight.vf.ge.com> tcmayo@eng106 (Tom Mayo N1RMU) writes:
>
>>Mine puts out 25 watts! I couldn't believe it, but it's true.
>>I run it straight off the battery in the car, and I get a solid
>>25 watt output.
>
>Hey, Tom. Maybe if you plug it into an AC outlet you'll get 50 watts!
>Try it and let me know! :-)
>
>David

Reminds me of my experience as a kid, when I plugged a 9V transistor
radio into a 12V cigarette outlet. Played exceptionally well for two months.

You know, the fact that these rigs can so easily and conveniently be
mis-operated says a lot for never buying one used. Wonder if they'll all
drop dead in two or three years?

Jack WB3U

4061. Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:17:50 UTC
From: ac224@detroit.freenet.org
Message-ID: <3l020u$cj9@detroit.freenet.org>
Source record: 250060

Our club's repeater has fried it's final amplifier. It's a Micor and the
transistors are $40 each list from Motorola (six of them). We've heard
there are more reasonable civilian parts that are subs for the finals.
Does anyone have a source for these or know what the 2nxxx numbers are?
The Motorola parts are:
M1134 (finals, four of these)
M1133 (drivers, two of these)
M1132 (predriver, one)

--
Jim Harvey - WB8NBS - 18538 Inkster - Redford, Mich. 48240 Amiga Person
ac224@detroit.freenet.org | James.B.Harvey@x400gw.ameritech.com

4062. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:23:59 UTC
From: rwilkins@ccnet.com
Message-ID: <3l02cf$hk6@ccnet3.ccnet.com>
Source record: 250061

Greg Dolkas (greg@core.rose.hp.com) recently wrote in <D5yH4E.MxE@icon.rose.hp.com>:

: Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:

: : In the san francisco bay area we can watch the Space Shuttle on 58
: : vertical if we aim toward Mt Diablo. In the central valley the same
: : shuttle transmissions are 58 horizontal if you aim toward Mt Bullion.
: :
: Ok, where is Mt. Bullion? I tried picking up Diablo once with no luck,
: although I was at a severe disadvantage with my horizontal antenna.

Mount Bullion is east of Merced and covers the Modesto to Merced area
quite well. The voice check in net is on 441.350+ 107.3 ctcss. You may
get an additional 20+ db of gain by operating your antenna in the correct
polarity. Try a vertical antenna for Mt Diablo. They have a voice check
in Thursdays at 7:30 pm on 147.06+ 100 ctcss. The fellows on the nets
will help you get started.

Have Fun!

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

4063. help on "Internet conference bridge"

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:31:34 UTC
From: jroudebu@popmail.mcs.com
Message-ID: <3l02qm$he2@News1.mcs.com>
Source record: 250062

A couple of years ago I had my 2 meter running packet and connected to a repeater that I could telnet from. I entered an address I
got from a local club meeting and ended up connecting to an "Internet Conference Bridge" from somewhere in Canada. I used
this to communicate with my brother in Ohio and we typed back and forth in real time. I have long since lost this address but wonder
now that I have an Internet connection can I ftp to this "conference bridge" without using my 2 meter and hopping from site to site to
get there?
Any help on this issue would be appreciated.

4064. ARLB027 Date for club call signs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:33:41 UTC
From: w1aw@arrl.org
Message-ID: <$arlb027.1995@ampr.org>
Source record: 250063
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB027
ARLB027 Date for club call signs

ZCZC AG93
QST de W1AW
ARRL Bulletin 27 ARLB027
From ARRL Headquarters
Newington CT March 24, 1995
To all radio amateurs

SB QST ARL ARLB027
ARLB027 Date for club call signs

Effective now, the Federal Communications Commission is accepting
applications for new club and military recreation station licenses.
Call signs will be issued by the FCC from the Group D call sign
block, based on the applicant's call district.

Special FCC Form 610-B must be used to apply, and applications must
be sent to the FCC's Gettysburg Licensing Facility, 1270 Fairfield
Rd, Gettysburg PA 17325-7245.

Form 610-B can be obtained from the ARRL/VEC for an SASE.
NNNN
/EX
```

4065. Re: amateur t.v.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:36:47 UTC
From: rwilkins@ccnet.com
Message-ID: <3l034f$ih4@ccnet3.ccnet.com>
Source record: 250065

BIGBOY (orkin@delphi.com) recently wrote in <5oy6mg6.orkin@delphi.com>:

: Yeah i just wanted to know how i can pick up amateur t.v. on my t.v.?

The short answer is Yes! Cable channel 58 or 59 are your best bets. See
the lomg answer in the other threads.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

4066. ARLX014 Ham-author to speak

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:36:59 UTC
From: w1aw@arrl.org
Message-ID: <$arlx014.1995@ampr.org>
Source record: 250066
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX014
ARLX014 Ham-author to speak

ZCZC AX83
QST de W1AW
Special Bulletin 14 ARLX014
From ARRL Headquarters
Newington CT March 24, 1995
To all radio amateurs

SB SPCL ARL ARLX014
ARLX014 Ham-author to speak

Back for a return engagement at the 1995 Dayton Hamvention banquet on April 29 will be Cliff Stoll, K7TA, who wowed the Dayton crowd in 1993.

Stoll, who was profiled in August 1990 QST, became a best-selling author with the publication of his book ''The Cuckoo's Egg.'' He later portrayed himself in a Public Television episode of ''Nova'' that dramatized the events described in ''Egg.''

Doubleday has just published Stoll's second book, ''Silicon Snake Oil,'' that debunks many Internet myths and, according to Stoll, contains a number of references to his Amateur Radio career.

Cliff Stoll is 44 and holds a PhD in planetary science. He's been a licensed amateur since his teen-age days in Buffalo, New York. In ''Silicon Snake Oil'' he describes his earliest memories of his fascination with radio and his parents' reaction to their son's budding interest in science.

Stoll will sign copies of his book at the Books and Company Hamvention booth on Friday. A portion of the proceeds from sales at the Hamvention of ''Silicon Snake Oil'' will be donated to the American Red Cross Disaster Relief Services.
NNNN
/EX

4067. ARLX015 Awards clarification

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:38:34 UTC
From: w1aw@arrl.org
Message-ID: <$arlx015.1995@ampr.org>
Source record: 250067
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB SPCL @ ARL $ARLX015
ARLX015 Awards clarification

ZCZC AX84
QST de W1AW
Special Bulletin 15 ARLX015
From ARRL Headquarters
Newington CT March 24, 1995
To all radio amateurs

SB SPCL ARL ARLX015
ARLX015 Awards clarification

A March 20 bulletin announcing the 1995 Dayton Hamvention major
award winners was incomplete.

For five of the past six years, an ARRL official or employee has
been the Hamvention's Amateur of the Year. In addition to the 1995
Hamvention Amateur of the Year, Rosalie White, WA1STO, they include
ARRL Hudson Division Director Steve Mendelsohn, WA2DHF (1990);
retired ARRL General Manager (and now International Amateur Radio
Union President) Dick Baldwin, W1RU (1992); former ARRL director and
now president emeritus Harry J. Dannals, W2HD (1993); and retired
ARRL Washington Area Coordinator Perry Williams, W1UED (1994).

Harry Dannals was inadvertently omitted from the earlier bulletin.
NNNN
/EX
```

4068. Motorola HT200 quest.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:42:10 UTC
From: delaney@j51.com
Message-ID: <3l03ei$68h@tzlink.j51.com>
Source record: 250068

[Article crossposted from rec.radio.scanner]
[Author was Richard Delaney (delaney@j51.com)]
[Posted on 24 Mar 1995 23:11:01 GMT]

I picked up a Motorola HT200 radio at a hamfest with a charger for a steal ($5) thinking I could maybe put mu local PD or Ambulance freq in it (155. or 156. mhz) incase of somesort of life-or-death emerg. Can anyone tell me about this radio, I opened it up and saw a crystal in it for 146.94mhz, was this a ham rig to start, or did someone retune it?
The crystal looks like a regular scanner crystal (like RS ones), is that what it is? I can't get it to charge, so I'm going to try feeding power from a supply into it directly.

Thanks

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

4069. Re: FCC Reprimands K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 03:48:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.8838.545@acenet.com>
Source record: 250069

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Just curious - why is it that Americans find angry, hateful, loud
talkshow hosts SO entertaining?

Sorry, I'll get back on topic I promise!

LI>Mark Monninger (markem@primenet.com) wrote:
LI>> >Unfortunately his heavily opinionated broadcasts with barely a
LI>> >minimal factual informational basis clog up the airways.

LI>> Wait a minute...who mentioned Rush Limbaugh??

LI>Gee, I thought he was talking about Tom Lykas.

Yeah - I heard that wierdo tonight too!

LI>>< 73's -- Jeff >>

4070. Re: Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 04:07:51 UTC
From: rdcole@crl.com
Message-ID: <3l04un$6tg@crl3.crl.com>
Source record: 250070
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <hideg.1-2303951033440001@hideg.cc.nd.edu> hideg.1@nd.edu (Steve Hideg) writes:
: >This is probably a re-hash of this thread, but I never saw the beginning of it.
: >
: >I may have an opportunity to put a 440 repeater on a 13-story or 15-story
: >building. This is in South Bend, IN so there can be a fair amount of wind.
: >
: >I have a Diamond X-500HNA, which has been my initial choice. I may need to
: >go with something a bit lower-profiled (because of wind and aesthetics).
: >
: >One antenna I was looking at was Cushcraft's dipole array that you erect
: >with a piece of mast. This antenna is about 8 feet tall (compared to the
: >X-500 at 18 feet).
: >
: >Any other suggestions?

: The Cushcraft 4-pole is a piece of crap, and the Diamond is subject
: to lightning damage, and UV damage to the radome. The Comet repeater/
: base antenna is better, but the wind will whip it around a lot. I've
: had one at 970 feet on a TV tower for 4 years now, it's got burns all
: over it from lightning strikes, it bends nearly flat in heavy winds,
: but it's still working. For the $124 I paid, it's *Recomended*.

As a general rule I stick with comercial grade antennas. Decibel,
Cellwave, Scala, Antenna Specialist. Antennas like Cushcraft will not hold
up.

Though the Local Packet people have had good luck with Diamonds I will be
sticking with my known winners.

I just would not bother with a regular "HAM Antenna" on a repeater.

Ron

4071. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 04:39:26 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3l06pu$b4h@thor.inlink.com>
Source record: 250071
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Shows you what I know, Hi Hi....

Maybe I didn't need 10,000 fet et of wire afterall....

Gary

4072. AMPRNet sites in NB.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 04:46:45 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <3l077l$kro@coranto.ucs.mun.ca>
Source record: 250072

Howdy gang, just wondering if there were any active AMPRNet sites in the New Brunswick area, Moncton preferably. I will be there in a couple weeks and would like a way to keep in touch. Please EMail any info to me directly.

73.

--
==========
Paul J. Piercey (VO1HE)

Packet Address VO1HE@VO1SIG.#ENF.NF.CAN.NA
Internet Address ppiercey@nlnet.nf.ca
SONRA Email Address ppiercey@plato.ucs.mun.ca

"If the world were a more perfect place, we'd all be known as the Flimpsons."

- H.J. Simpson

==========

4073. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 05:07:53 UTC
From: raiar@vulcan.inlink.com
Message-ID: <3l08f9$b4h@thor.inlink.com>
Source record: 250073

Use a piece of clear plexi and on the back use colored cellophane, it will get you bu y....
Gary

4074. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 05:27:25 UTC
From: jimkd0av@aol.com
Message-ID: <3l09jt$7bm@newsbf02.news.aol.com>
Source record: 250074

>Is this true also of CW? I.e., may an unlicensed person operate
>the key of an amateur station provided the properly licensed
>operator in control of the station is present?

Yes!

4075. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 06:36:32 UTC
From: Cassandra <clr@iac.net>
Message-ID: <3l0dlg$ssj@cheyenne.iac.net>
Source record: 250075

md@pstc3.pstc.brown.edu (Michael P. Deignan) wrote:
>
> In article <1995Mar20.123228.3377@arrl.org>,
> ehare@arrl.org (Ed Hare (KA1CV)) writes:
>
> |> Now, Michael, how is it that someone who doesn't know what is and is not
> |> covered in the Technician Class material has so much to say about its
> |> content? :-)
>
> Ah, now Ed, you start to get the point. When someone can answer 50 questions
> and gain all sorts of operating privs on frequencies, shouldn't they have a
> basic understanding of the propagation characteristics of those frequencies?
> "Uh, gee, I don't understand why he can't hear me. Maybe I'd better boost
> power to 1.5kW."
>
> Not any more. Today just put an X on the dotted line, get your 25 Tony Tiger
> points, and mail $5.99 to Newington (to cover shipping/handling) to get
> your amateur radio license. 10-4!
>
> MD
> --
> -- Who needs looks when you have taste?
> --
> -- Your blood pressure just went up.

Once upon a time I held a Tech license that consisted of the General theory and 5 WPM Code (in a time before no code and tech plus). I had always planned to practice code and pass my 13 WPM for a full General license. If I had, it would have been to no avail as I sent my renewal in one time and didn't think about the fact that it didn't come back until it was too late and my license had lapsed. So here it is a few years down the road and I saw a flyer about a test being given. I tell my father and friends that I am going to go take my test again since I don't have to learn the code. I am warned about the fact that I will be looked down on for not taking the code. Truth is, I don't have time to learn the code before the test and I can always relearn it later. Or so I thought.

I've never been turned off so fast by anything before in my life. The statements about people with no-code tech licenses not "knowing" about propagation or any other aspect of the hobby for that matter may all be true. But each of us have aspects about amateur radio that we don't truly know or understand. I think that is why there are higher classes to be achieved. The higher the license class, the harder the test, the better the reward is; more bandwidth. There is not an

operater out there that was born knowing all. They learned it as they went whether it was through reading, classes, or other hams.

I had a true desire to get back into the hobby. I have been reading this newsgroup since about test day. By the time I received my license I had all but lost interest again. I have no desire to spend money on new equipment (my last purchase was a Drake TR-33C) to find out if this attitude is prevalent here locally. If half of the energy that is spent pointing out how the no-code tech class license is a lowering of the standards was spent encouraging these people who are showing some interest into furthering their knowledge and skills, then amateur radio would begin to flourish instead of losing interest.

I never wanted to build a radio or design circuitry. I wanted to participate in a communications hobby that had structure and class. I was willing to learn some electronics, morse code, and practice some ethics to do so. Apparently that just isn't enough for some.

Cassandra

formerly WD8DPO

licensed to broadcast as KB8WXT maybe someday I will, but not today.

4076. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 07:53:51 UTC
From: kludge@netcom.com
Message-ID: <kludgeD5zKLs.Es2@netcom.com>
Source record: 250076

In article <3kskha$cog@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <3krlt1$pia@theopolis.orl.mmc.com> jcarter@orl.mmc.com (James Carter) writes:
>
>>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
>>/There have been several posts on this group about the HTX-202
>>/getting 10 watts on 13.8v. I didn't believe it until I bought
>
>>I remember in the Ham test that hand held radios must be limited to
>>more than "8 watts". More power than that close to your face can be
>>damaging to your eyes and brain especially frequencies above 100MHZ.

A college amateur radio club placed first in a contest category which
required the use of a handheld transceiver and a vertical whip antenna.
Their handheld was attached to an Alpha linear and directly to a
full-wave vertical tower. The next year, the rules were made more
explicit.
--scott

Eight watts indeed. Sniff.
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

4077. Ugly!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 08:29:35 UTC
From: tcnic@aol.com
Message-ID: <3l0k9f$9lr@newsbf02.news.aol.com>
Source record: 250077

So...
Came across a repeater up in the Bay area. Ugly!! These guys discuss the gutter: nasty type language, high school locker room preoccupation with private type body parts (male and female), etc. One guy even had the 11M reverb hooked to his mic. Hate to think this is where the hobby is head'en.

4078. Re: Communications Quarterly Spring Highlights

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 09:27:28 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.092728.2599@ke4zv.atl.ga.us>
Source record: 249978

In article <3kshav$94t@newsbf02.news.aol.com> nw2l@aol.com (NW2L) writes:
>"COMMUNICATIONS QUARTERLY" Reports a Milestone in
>Communications Receiver Development!
>
>The upcoming Spring 1995 issue of "COMMUNICATIONS
>QUARTERLY" will feature an article titled: "The
>Watkins-Johnson HF-1000A Milestone in Communica-
>tions Receiver Development." This informative
>piece is written by Scott D. Prather, KB9Y, an
>author who is frequently published in the
>Quarterly.
[snip]
>conclusion, the author continues: "So, what's it
>like to use a digital receiver? It's unbelievable!
>... the HF-1000 [is] the most enjoyable receiver
>I've ever operated." "Watkins-Johnson has made a
>brilliant move into the future of communications
>receivers."

For a contrary view, you might want to read the recent QST
review of this receiver. They report significant performance
problems.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4079. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 09:36:18 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.093618.2704@ke4zv.atl.ga.us>
Source record: 249979

In article <3kskha$cog@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <3krlt1$pia@theopolis.orl.mmc.com> jcarter@orl.mmc.com (James Carter) writes:
>>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
>>/There have been several posts on this group about the HTX-202
>>/getting 10 watts on 13.8v. I didn't believe it until I bought
>
>>I remember in the Ham test that hand held radios must be limited to
>>more than "8 watts". More power than that close to your face can be
>>damaging to your eyes and brain especially frequencies above 100MHZ.
>
>Wow. Limited to more than 8 watts? :-) OK, I suppose you meant
>no more than 8 watts. Well, think about it. The only way it's
>pushing more than 8 is with 13.8 provided. The battery packs come
>nowhere close to 8 watts. I plug mine into an external antenna
>when it's running 13.8v. Anyway, please quote the regulation about
>8 watts being the maximum allowable by law. I'd like to read it.

This derives from an OSHA requirement. The maximum field strength that
a worker can be exposed to is 10 mW/cm^2. The industry has determined
that a handheld running more than 8 watts will exceed this exposure
level a signifcant part of the time. So they've voluntarily limited
output to 8 watts. In cellular phone usage, where the antenna is
right next to the head, and exposures are typically longer, the power
limit has been set at 0.6 watt.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4080. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 09:42:12 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.094212.2877@ke4zv.atl.ga.us>
Source record: 249980

In article <3kvdik$qqv@eugene.convex.com> horak@convex.com (David Horak) writes:
>In <D5yBCq.Hzw@nntpa.cb.att.com> dara@physics.att.com (Shel Darack) writes:
>
>>I'd worry about that. You are driving the final too hard. If
>>you try using it in the car it will see more than 14 volts.
>>That final will have a very short life (although quite a
>>spectacular ending). You should check the current drain when
>>it is putting out 10 watts, and adjust the drive so that
>>there is no more than 1.8 (guessing here) amps.
>
>I am concerned about that; however, I've never seen it go over 10w
>in the car. Another thing, since I'm not the only one out here
>getting 10 watts and there are a lot of these on the market, AND
>I've never heard of blown final problems, maybe my worrys are
>unfounded. At any rate, you bring up a good point and I'd like
>for someone more technical than myself to comment on it.
>
>Where is Gary? :-)

Present. :-)

I'd strongly suggest not to operate the HTX202 at elevated voltage
levels. The SWR protection for a handheld is typically achieved by
running the final well below it's maximum ratings. This eliminates
the need for a SWR shutdown circuit in the radio. If you run the
radio at elevated voltages, you run the risk that a higher than
normal SWR will exceed the Vce rating of the transistor. And the
extra heat of operation can exceed the junction thermal limits.
Remember that 10 watts is only half an S-unit better than the
rated output of the HT, and isn't worth frying the unit to
achieve.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4081. Re: umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 09:53:16 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.095316.2983@ke4zv.atl.ga.us>
Source record: 249981

In article <3ksv3g$tob@ns3-1.CC.Lehigh.EDU> c002@Lehigh.EDU writes:
>ok, there are a few things i have to know...
>
>1. for working rs-10/11 HOW do i disable my IC-2GXAT HT's mic? i'm sure RS10
>wont like FM sidbands to much, but how do i kill the mic OR pu on a PTT
>circiut <from hamcomm program>

A dummy plug in the external microphone jack will disable the internal
microphone. A 10k resistor switched to ground via a key, or keying
circuit, from that dummy plug will key the radio for CW transmission.
You can't send very fast Morse that way, however, because the PTT circuit
of the Icom is rather slow (about 50 ms).

>2. Is it illegal to let some non-ham use autopatch if i'm right there with that
>person?

No, that's Ok. You're handling third party traffic already by using a
phone patch. It's permissable to allow a non-ham to speak into the radio
under your supervision, but they can't actually operate the radio, IE
change frequency, power, etc. You must maintain control of the transmissions.
One caveat, for *international* third party communications, you must be
sure that there is a third party agreement with the country in question
before allowing a non-ham to speak over the radio. For domestic operations,
there's no problem.

>3. where the Heck do i get aluminum solder?

It's available at electronic supply houses, and many home improvement
and hardware stores, even some auto parts places.

>4. what are the RTTY-BAUDOT freqs on 2m IF any

This is local option.

>5. what are the normal EME freqs? any from 144-144.21?

Most weak signal contacts are done near 144.200 MHz. But check
the schedule of any announced EME operation to determine their
actual operating frequency.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4082. Re: all mode 2-meter rig...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 09:58:07 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.095807.3070@ke4zv.atl.ga.us>
Source record: 249982

In article <30394LVKAABUYRXBEMC@inferno.com> vector@inferno.com writes:
>
>i am in the market for an all mode, high power (i'm talking something
>50w or better), >modifiable< 2-meter mobile rig. i do stress that the
>unit be a mobile rig, as i have no desire to take some sort of all mode
>base and convert it for mobile use. modifiable, well, for obvious
>reasons. can anyone recommend a decent rig? money is really not much
>of an object, but i do have a target price of around $800. i'll
>consider any rigs one might have for sale that fit this description.

The most obvious reason to modify a 2 meter rig is if you are
contemplating illegal operation. Since that reflects badly
on legal amateurs, I don't think it's a good idea to help you.

If you want to include a call sign next time, and indicate a
legal reason for a modification, then some help will be forth
coming.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4083. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 10:21:07 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.102107.3223@ke4zv.atl.ga.us>
Source record: 249983

In article <1995Mar24.093940.1@vax.sonoma.edu> harrisok@vax.sonoma.edu (Ken Harrison) writes:
>In article <VBREAULT.95Mar23110838@rinhp750.gmr.com>, vbreault@rinhp750.gmr.com (Val Breault) writes:
>> When the battery broke off my two week old $500 icom radio the fine
>> folks at icom said it was not covered by the warranty and suggested I
>> send them $65 for a new battery. Since then I've had to replace the
>> power connector and, later the antenna connector. This "top of the line"
>> radio has taken a bit of wear and tear in a very bad way. I'm sure a
>> $40 service plan would have been a good investment. As it is, I would
>> have spent 5 times that much to repair the radio had I not been so darned
>> cheap and waited until I had time to do it myself. (Shop estimate for
>> power connector $65, for antenna connector $60, for battery $65)
>>
>> All those things would be covered by the TSP.
>
>Sounds like you had quite a bit of bad luck with that Icom. How many of the
>problems with the Icom were a result of poor manufacturing? I really don't
>want to go passing judgement, but it sounds as though you weren't treating the
>Icom like a $500 investment should be treated. I am of the belief that a radio
>should be considered for the quality and features that it possesses, not the
>insurance policy that can be purchased along with it. The insurance plan idea
>reminds me of "The Good Guys" and "Circuit City" where the companies make MUCH
>more profit off of the unsuspecting consumer through sales of insurance than
>sales of equipment. When properly treated and cared for, electronic equipment
>tends not to just fail outright.
>
>I suppose if one needs to insure against their own clumsiness, something like
>the TSP might be good for them. For me, I've never had a problem with my HTs
>related to my clumsiness. For that matter, I've never had a problem with my
>HTs... Icom, Kenwood or Yaesu.

Ken, portable radio equipment needs to be designed to take the kind of abuse that is normal for such equipment. The more the radio costs, the better it should take such treatment (IMHO). The ultimate examples of good HT design, the Moto HT220 and GE Mastr Pro, can be used to drive nails, club a bad guy, or chock a truck, and still work. Even lesser radios should tolerate being dropped occasionally. Anything less is unacceptable in a working tool that will be used in a field environment. If you have to treat the radio as a fragile egg rather than as a working tool, what good is it?

Now a cheap radio can't be expected to perform so well, so a service plan may be a good idea if it doesn't boost the cost up into the range of a more expensive radio. This is the case for the TSP policy.

The downside is that the radio may fail you when you need it most,
but the upside is that you can get it repaired for no extra charge.

PS The Icom battery rail problem is a known and chronic one. It's
a scandal that Icom won't fix this serious design problem for free.
The IC-2AT didn't have this problem. It had metal battery rails
that didn't fail from normal use.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4084. Re: Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 10:52:59 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.105259.3455@ke4zv.atl.ga.us>
Source record: 249984
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <3l04un$6tg@crl3.crl.com> rdcole@crl.com (Ron Cole) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: The Cushcraft 4-pole is a piece of crap, and the Diamond is subject
>: to lightning damage, and UV damage to the radome. The Comet repeater/
>: base antenna is better, but the wind will whip it around a lot. I've
>: had one at 970 feet on a TV tower for 4 years now, it's got burns all
>: over it from lightning strikes, it bends nearly flat in heavy winds,
>: but it's still working. For the $124 I paid, it's *Recomended*.
>
>As a general rule I stick with comercial grade antennas. Decibel,
>Cellwave, Scala, Antenna Specialist. Antennas like Cushcraft will not hold
>up.
>
>Though the Local Packet people have had good luck with Diamonds I will be
>sticking with my known winners.
>
>I just would not bother with a regular "HAM Antenna" on a repeater.

That's fine, Ron, if you have a kilobuck to spend on an antenna. My entire repeater doesn't have that much invested. It's futile to try to move a commercial antenna, such as those you mention, into the ham bands. You'll never get the designed pattern even if you manage to get a decent SWR curve (unless you rebuild every bit of the antenna, and then you might as well call it homebrew). So you have to buy a new one made for your frequency, and that's a kilobuck solution. If an amateur antenna can take the abuse, and the Comet can (at least in our climate), that's a much cheaper solution.

I've done some limited field strength comparisons between my machine and a commercial machine using a Cellwave antenna on the same tower. The differences are negligible. Everywhere I can hit the commercial machine, I can also hit the amateur machine. If we suffered frequent heavy icing, I might bite the bullet and get a Cellwave, but we don't, and so the Comet is fine. The Comet has survived two major ice storms, however, and might still be the better choice.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4085. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 10:59:14 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar25.105914.3542@ke4zv.atl.ga.us>
Source record: 249985

In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey) writes:
>
>Our club's repeater has fried it's final amplifier. It's a Micor and the
>transistors are $40 each list from Motorola (six of them). We've heard
>there are more reasonable civilian parts that are subs for the finals.
>Does anyone have a source for these or know what the 2nxxx numbers are?
>The Motorola parts are:
> M1134 (finals, four of these)
> M1133 (drivers, two of these)
> M1132 (predriver, one)

I can't help with equivalent parts, but I'd like to point out that
you can often find entire Micors for under $50. It makes sense to
just buy a radio and swap out the entire PA deck rather than try
to repair one as extensively damaged as yours.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4086. Re: TVI Anecdote

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 12:21:18 UTC
From: R.RADERMACHER@rrader.dinoco.de
Message-ID: <vdBjOMD2E9aez4@r.radermacher.rrader.dinoco.de>
Source record: 249986

NEEDHAME@ZIAVMS.ENMU.EDU wrote on 18.03.1995
Re: "TVI Anecdote":

NE> Well, I put up a dipole in the backyard, but I didn't runa ny coax
NE> to it. (The coax was on order.)
NE> Anyway, one of the TV stations went way down in power due to a light-
NE> ning strike, and I immediately got three calls telling me that I was causing
NE> TVI! Still with no coax to the antenna...

This is not quite as uncommon as you think. Over here, it is an accepted
practice to leave any new antenna unconnected for a few days just to find
out who those lunatics are who will complain about TVI for no apparemnt
reason other than the mere existance of an amateur's antenna.

Quite handy when you move in somewhere and want to find out where your new
ennemies are...

73,
Ralf

Ralf R. Radermacher - DL9KCG
Koeln/Cologne, Germany

-- MicroDot 1.10

4087. I NEED SOME HELP PLEASE !!!!!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 13:19:18 UTC
From: ktrummer@iicm.tu-graz.ac.at
Message-ID: <KTRUMMER.95Mar25141918@fiicmal01.tu-graz.ac.at>
Source record: 249988
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.video.satellite.dbs,rec.video.satellite.misc,rec.video.satellite.tvro,sci.geo.satellite-nav

I am searching for the company which produces and distributes the

OFS WeatherFAX II

which is a high performance satellite imagery (hard- and software package)
The company is probably locatet in USA.

Informations please per E-Mail to: ktrummer@iicm.tu-graz.ac.at

Thanx in advance.

4088. I NEED SOME HELP PLEASE !!!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 13:34:37 UTC
From: ktrummer@iicm.tu-graz.ac.at
Message-ID: <KTRUMMER.95Mar25143437@fiicmal01.tu-graz.ac.at>
Source record: 249987
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipmen,rec.video.satellite.dbs,rec.video.satellite.misc,rec.video.satellite.tvro,sci.geo.satellite-nav,rec.radio.amateur.misc

I am searching for the company which produces and distributes the

OFS WeatherFAX II

which is a high performance satellite imagery (hard- and software package)
The company is probably locatet in USA.

Informations please per E-Mail to: ktrummer@iicm.tu-graz.ac.at

Thanx in advance.

4089. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 15:20:29 UTC
From: horak@convex.com
Message-ID: <3l1cbt$i95@eugene.convex.com>
Source record: 249989

In <1995Mar25.094212.2877@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>I'd strongly suggest not to operate the HTX202 at elevated voltage
>levels. The SWR protection for a handheld is typically achieved by
>running the final well below it's maximum ratings. This eliminates
>the need for a SWR shutdown circuit in the radio. If you run the
>radio at elevated voltages, you run the risk that a higher than
>normal SWR will exceed the Vce rating of the transistor. And the
>extra heat of operation can exceed the junction thermal limits.
>Remember that 10 watts is only half an S-unit better than the
>rated output of the HT, and isn't worth frying the unit to
>achieve.

This morning, I did some current measurements. At 12v, the HTX202 drew
1.25 amps and produced 8 watts. At 13v, it drew 1.4 amps and produced
9 watts. I did not try 13.8/14 because my supply won't go that high
but I have observed 10 watts on my meter in the car. My guess is that
the HT draws somewhere around 1.55 amps at 14v. To compare, my Alinco
HT draws 1 amp and produces 5 watts. Theas measurements were taken with
the HTs transmitting into a discone with an SWR of about 1.3. In my car,
the SWR is about 1.2.

```
============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
============================(An average SIG)==================================
```

4090. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 15:56:54 UTC
From: little@iamu.chi.dec.com
Message-ID: <3l1eg6$ll6@jac.zko.dec.com>
Source record: 249990

In article <3l0dlg$ssj@cheyenne.iac.net>, Cassandra <clr@iac.net> writes:
|>I had a true desire to get back into the hobby. I have been reading
|>this newsgroup since about test day. By the time I received my
|>license I had all but lost interest again. I have no desire to spend
|>money on new equipment (my last purchase was a Drake TR-33C) to find
|>out if this attitude is prevalent here locally. If half of the energy
|>that is spent pointing out how the no-code tech class license is a
|>lowering of the standards was spent encouraging these people who are
|>showing some interest into furthering their knowledge and skills, then
|>amateur radio would begin to flourish instead of losing interest.

Amen!

|>I never wanted to build a radio or design circuitry. I wanted to
|>participate in a communications hobby that had structure and class. I
|>was willing to learn some electronics, morse code, and practice some
|>ethics to do so. Apparently that just isn't enough for some.
|>
|>
|>Cassandra
|>
|>formerly WD8DPO
|>
|>licensed to broadcast as KB8WXT maybe someday I will, but not today.

Don't let the few blow hards such as the misfits from Brown spoil your
interest. They are an extremely small minority and are similar to the
loud bigots one hears on 11 meters. If they can't stand on their own merits
and must stoop to denigrating you to boost themselves up, they aren't
worth your time. Ignore them and associate with those that respect you for
what you are, an amateur radio operator. Check out some of the local clubs
before giving up on amateur radio. I think you'll find that you'll be
welcomed with open arms. Another place to look for friendly operators is
to the VHF/UHF weak signal crowd and the satellite operators. I also
suspect that you'd be welcomed by most repeater groups.

Try it before letting the likes of Michael chase you away and relish in
the thought that he's in Rhode Island and not Ohio!

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

4091. Re: Repeater listing on net

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 16:17:35 UTC
From: "Brian R. Swann" <bsw@cs.brown.edu>
Message-ID: <3l1fmv$dkd@cat.cis.Brown.EDU>
Source record: 249991

windhorn@ic.mankato.mn.us (Allen Windhorn) wrote:
>
> Is there a listing of repeaters somewhere on the net?
> Thanks for help.
>
>
> ------------
> Allen Windhorn WA0OHE
> Kato Engineering
>

There is an Online Repeater Directory on the WWW at:

http://www.acs.ncsu.edu:80/HamRadio/

73 de WA1VUT
Brian

4092. R.A.D.I.O. - Follow up on L.I. Tower Case

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 16:20:51 UTC
From: hmn@i-2000.com
Message-ID: <3l1ft3$sko@i-2000.com>
Source record: 249992

For the latest in the On going battle between NK2T and The Town
of Hempstead, NY call the R.A.D.I.O. information line 24 hrs/day
at 516-735-2500. You will not believe what has happen now!
Is there a trend in the making? Long Island Amateurs Beware.

4093. Non-amateur novice needs info, please.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 16:32:34 UTC
From: d89marho@und.ida.liu.se
Message-ID: <D89MARHO.95Mar25173229@styr3.und.ida.liu.se>
Source record: 249993

I've been thinking about becoming a radio amateur (ham), and I'm currently trying to learn about what I need to know to get a license (here in Sweden) and what forms of communication there are that I could use.

I bought the January issue of CQ and they mentioned in passing that with a device called "automount" (I think), it was possible to place telephone calls from anywhere in the world. Could someone please tell me more about this?

/mvH

--
Programming isn't a science, | Foo: mvh@lysator.liu.se
it's an art. | Bar: d89marho@und.ida.liu.se
Why is it called common sense, | Who: Martin V. Howard
when so few possess it ? | Voice: Int +46 (0)13 210 482 (GMT + 1h)

4094. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 17:10:38 UTC
From: dgf@netcom.com
Message-ID: <dgfD60ADq.EDw@netcom.com>
Source record: 249994

In article <1995Mar24.150227.21747@knight.vf.ge.com> tcmayo@eng106 (Tom Mayo N1RMU) writes:
>David Horak (horak@convex.com) wrote:
>: There have been several posts on this group about the HTX-202
>: getting 10 watts on 13.8v. I didn't believe it until I bought
>: one and tried it out for myself. Mine gets 10 watts on 13.8v
>: too!
>
>Mine puts out 25 watts! I couldn't believe it, but it's true.
>I run it straight off the battery in the car, and I get a solid
>25 watt output. With the 10 foot tower I've mounted on the trunk
>lid and the 7-element Yagi, I can get in almost anywhere. The
>rotor control software was a royal pain to write because I had to

Why mess around with 2M FM? Why out here in the west, our club station is a Cadillac El Dorado four-door, with not one but _FOUR_ ten-foot towers (one at each corner), and four TS-50's, one in front of each seat. Just wait until you hear our booming "multi multi mobile" signal in the next DX contest!

4095. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 17:20:20 UTC
From: padawer@usit.net
Message-ID: <3l1jck$5lg@news.usit.net>
Source record: 249995

Whoever mentioned that Fred was doing this out of the goodness of his heart is a bit misled. Fred knows that if he can stop Newsline and other entertaining ham bulletins he will be able to sell more of his "W5YI Report" via the slower U.S. Mail. Frankly, with such high quality over-the-air ham bulletins, why in the world do we need the W5YI Report anyway? Just think, though, how much more important Fred's rag will be if his petition goes through. Give us a break, Fred; we understand what's ::really:: at stake.

73 de WA4FJF
Randy Padawer

4096. Edinburgh area hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 17:47:38 UTC
From: jrouse@infi.net
Message-ID: <3l1kvq$9ah@lucy.infi.net>
Source record: 249996

Will be in Edinburgh for a week at the end of the month and would like to blather with any local hams so inclined. I've lost contact with the chaps I knew in my GM5DUD (great call, eh?) days. Will be meandering about the Biggar, Penicuik, Edinburgh area and would be amenable to a pint of Belhaven and a ragchew about DX or what-have-you...
73, John KA3DBN

--
John L. Rouse Packet: ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications FAX: 301-464-7027
jrouse@dc.infi.net Phone: 301-262-3700
jrouse@ix.netcom.com 410-268-5000

4097. QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 17:51:20 UTC
From: wfeidt@cpcug.org
Message-ID: <3l1kta$ap3@news1.digex.net>
Source record: 249997

Can someone provide a location for AJ7/JK2VOC. He's apparently an operation in the WPX SSB test this weekend. TIA for any help.

Bill Feidt
wfeidt@cpcug.org

4098. Re: IC-W21a/e mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 18:20:03 UTC
From: dtburr@ix.netcom.com
Message-ID: <3l1msj$6uu@ixnews4.ix.netcom.com>
Source record: 249998
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In <3kmdq8$k3v@lucy.swin.edu.au> 069282@edna.cc.swin.edu.au (Andrew Liam Scott) writes:

>
>
>does anyone know any mods, improvements, additional features of this
>radio, or will does anyone have a comment on the general performance of
>this unit.. thankyou andrew scott.
>
>

Sure. There's a keyboard sequence to enable extended receive (including 800 Mhz). Most dealers will have it and it's also published in some guides and on some of the ham radio CD-ROMs. I can look it up somehwre if you can't find it.

Also, there's a hardware mod to enable extended transmit. It involves adding a couple of surface-mount diodes. I have a couple I can sell you CHEAP. I bought them from Icom when I had a W2A.

Dave

4099. Re: Quote of California law on ham plates (was Re: Ham plates in Cal

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 18:26:21 UTC
From: tmill493@bssbbs.com
Message-ID: <mq8i3c1w165w@bssbbs.com>
Source record: 249999

carndt@netcom.com (Chris Arndt) writes:

> I've thought about this for a while, now.
>
> For anyone that WANTS more than one set of Cal Amateur plates, AND
> doesn't mind paying for some vanity plates, also, I submit...
>
> Get the first as regular amateur plates, callsign only.
>
> Any others, get vanity plates with a suffix similar to what we already
> use in special situations...
>
> KD6DSI for first plate
>
> KD6DSI 1 (like packet calls)
>
> KD6DSI 2 etc
>
> KD6DSI M (for mobile)
>
> California allows up to 7 characters on plates, now, and these are all
> valid plates as far as I know. Perhaps the 7 character ones don't allow
> spaces, though.
>
> 37,
>
> Chris
>
>
>
>

I did just that. My car has my regular call on it, and my RV has my call
and the number one.
KC6ZEC= car
KC6ZEC1=RV

When my RV is roaming the highways, my packet is also mobile and running.

4100. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 19:37:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950325160018105@digcir.cts.com>
Source record: 250000

DH< In <1995Mar24.150227.21747@knight.vf.ge.com> tcmayo@eng106 (Tom Mayo N1RMU

DH< >Mine puts out 25 watts! I couldn't believe it, but it's true.
DH< >I run it straight off the battery in the car, and I get a solid
DH< >25 watt output.

DH< Hey, Tom. Maybe if you plug it into an AC outlet you'll get 50 watts!
DH< Try it and let me know! :-)

DH< David
I'm getting 28w from my 404 at 16v, sure it's gets warm, but with a
4year warrentee...who cares if I fry it! also it's great for heating up
my lunch!

EJ!

* OLX 2.1 TD * ca'mon Spock...pull my finger!

4101. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 20:03:36 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D60IE0.1s9@news.hawaii.edu>
Source record: 250001

k0hb@hamlink.mn.org (Hans Brakob) writes:

>Hi Jeff,
>In 1906 there were no prosigns (procedure signals). That term was
>originally coined in military comm circles much later on.

Morning Hans,
My references are sitting right in front of me. The very first international radio conference was in Berlin, 1903, attended by Germany, US, Italy, Great Britain, France, Hungary, Spain, Russia, and Austria. The major topics were on-the-air protocol, and the destructive practices of the Marconi Company (a whole story in itself concerning the evils of Marconi). The 1904 conference had to be delayed until 1906 due to the Russo-Japanese War.

The 1906 International Conference (also held in Berlin) was attended by 21 nations. Further discussion of how the Marconi Company was distroying the effectiveness of high seas wireless continued. Also duscussed was implimenting a common distress `signal' (I referred to it as a prosign, using today's terminology) to replace the CQD previously used. Distress procedures were set up along with technical standards of apparatus, licensing operators (requiring certain technical proficiency, knowledge of regulations, and 20wpm code speed), maximum allowable power to reduce the massive congestion present, ceasation of on-the-air operator practice, unnecessary testing, and `rag chewing'.

References: _Wireless_Age_, October 1914, pp 21-23.
Alvin P. Harlow's _Old_Waves_And_New_Waves_ (NY, 1936)
Codding's _The_ITU_An_Experiment_In_International_
Cooperation_ (Leiden, 1952)
Schroeder's _Contact_At_Sea_ (NY 1967)

So Hans, tell me again what it is that you disagree with.

Jeff NH6IL

4102. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 20:11:52 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D60Irs.1zx@news.hawaii.edu>
Source record: 250002

jackl@pinetree.microserve.com (WB3U) writes:

>w9sz@prairienet.org (Zack Widup) wrote:

>>But they have! Contests deliberately avoid 30, 17 and 12 meter bands.
>>They are always free of contests, to my knowledge.

>Thanks for the info. Now all we need is your personal guarantee that
>these bands will be open during an emergency.

Hi Jack: You should get on HF more often! From my own experience
if 40 is open then so is 30.

Not too many emergencies will be handled on 20 and 15 but if those
bands are open and have contests then certaily 17 will be open
and will also be nice and quiet for your emergency.

You have my personal guarantee.

Jeff NH6IL

4103. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 20:18:28 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D60J2s.24v@news.hawaii.edu>
Source record: 250003

Hey John: If you're going to completely edit out my comments then edit
out my name, too! I didn't write any of what appears below my name.

Jeff NH6IL

johnbeal@aztec.asu.edu (JOHN L. BEAL) writes:

>mudaw@uxa.ecn.bgu.edu (David A. Webb) says:

>>jeffrey@math.hawaii.edu <did not> write:

>>For the most part, any amateur transciever who's reciever can be modified
>>to recieve out of band can do so because the receiver was designed to
>>be used for more than one application.
....
>Note that many HT's will receive a rather wide band by simply programming
>from the pad. I cannot believe this is modifying the unit and causing it
>to interefere with anything.
>Any comments on that?
>--
>##
>John L. Beal Personal responsibility

4104. Re: Origin of `lid'

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 20:56:28 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseD60Ku5.9o0@netcom.com>
Source record: 250004
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

A member of the ham club back at Syr U. once commented that "lid" was
a sort of analogy to the lid on a urinal (those bottle like things
hospitals sometimes have you use).

YMMV

4105. IPS Daily Report - 25 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 23:19:19 UTC
From: rwc@ips.oz.au
Message-ID: <3l28dn$2kc@flare.syd.ips.oz.au>
Source record: 250011
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 25/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 25 MARCH AND FORECAST FOR 26 MARCH - 28 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 92/37

GOES satellite data for 24 Mar
Daily Proton Fluence >1 MeV: /////
Daily Proton Fluence >10 MeV: /////
Daily Electron Fluence >2 MeV: ///// (normal)
X-ray background: /////
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
26 Mar 27 Mar 28 Mar
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 26 Mar: 95/41

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet

Estimated Indices : A K Observed A Index 24 Mar
Learmonth 5 2222 1111
Fredericksburg 4 6
Planetary 9 5

Observed Kp for 24 Mar: 2111 2221
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
26 Mar 12 Quiet to unsettled, with possible brief active
periods.
27 Mar 20 Unsettled to active, with possible isolated minor
storm periods.
28 Mar 25 Unsettled to active, with possible isolated minor
storm periods.
COMMENT: IPS Geomagnetic Disturbance Warning 95/08 was issued on 24
March for the interval of 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
25 Mar normal normal normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
26 Mar normal normal normal
27 Mar normal normal normal-fair
28 Mar normal normal-fair fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
25 Mar 54 15 to 30% enhanced, spread F was observed during
local night.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
26 Mar 50 15 to 30% above predicted monthly values
27 Mar 30 Near predicted monthly values
28 Mar 30 Near predicted monthly values
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.
--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4106. Re: R.A.D.I.O. - Follow up on L.I. Tower Case

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-25 23:24:19 UTC
From: ronklein@ix.netcom.com
Message-ID: <3l28n3$cog@ixnews1.ix.netcom.com>
Source record: 250005

In <3l1ft3$sko@i-2000.com> hmn@i-2000.com writes:

>
>For the latest in the On going battle between NK2T and The Town
>of Hempstead, NY call the R.A.D.I.O. information line 24 hrs/day
>at 516-735-2500. You will not believe what has happen now!
>Is there a trend in the making? Long Island Amateurs Beware.
>
>

Is there someplace on the Internet where this information is accessible?

73,
--
Ron Klein - W0OSK
----
ronklein@ix.netcom.com

4107. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 00:00:00 UTC
From: "j.j.s" <ka2byd@mailbox.syr.edu>
Message-ID: <Pine.SOL.3.91.950326105057.17959A-100000@gamera.syr.edu>
Source record: 250018

On 23 Mar 1995, Gary V. Deutschmann Sr. wrote:

> Date: 23 MAR 1995 06:31:39 GMT
> From: Gary V. Deutschmann Sr. <raiar@vulcan.inlink.com>
> Newgroups: rec.radio.amateur.misc
> Subject: Re: Help me ground my station - PLEASE
>
> Use only the cold water supply line on the water heater for a ground...
> As a last resort you could use the green ground on your electrical system...
>
> In the event of a rare, lightning strike, the ground won't matter much if
> your looking for protection from that....
> Gary
>
>
>
This may be too obvious, but if you are not using some sort of 'grounding
strap' e.g the braid of a piece of coax, you wont get any true grounding
of rf.

4108. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 00:00:00 UTC
From: john.hiatt@alley.com
Message-ID: <d3.2938.1120@alley.com>
Source record: 250019

JC>In article h6e@eugene.convex.com, horak@convex.com (David Horak) writes:
JC>/There have been several posts on this group about the HTX-202
JC>/getting 10 watts on 13.8v. I didn't believe it until I bought

JC>I remember in the Ham test that hand held radios must be limited to
JC>more than "8 watts". More power than that close to your face can be
JC>damaging to your eyes and brain especially frequencies above 100MHZ.

Ok, quick question. How many people run this HT off of 13.8V and still
use the rubber duck antenna?

john.hiatt@alley.com

---
* OLX 2.1 TD * By The Way, what does BTW stand for?

4109. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 00:30:15 UTC
From: ac224@detroit.freenet.org
Message-ID: <3l2cin$p4k@detroit.freenet.org>
Source record: 250006

In a previous article, gary@ke4zv.atl.ga.us (Gary Coffman) says:

>In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey)
writes:
>>
>>Our club's repeater has fried it's final amplifier. It's a Micor and the
>>transistors are $40 each list from Motorola (six of them). We've heard
>>there are more reasonable civilian parts that are subs for the finals.
>>Does anyone have a source for these or know what the 2nxxx numbers are?
>>The Motorola parts are:
>> M1134 (finals, four of these)
>> M1133 (drivers, two of these)
>> M1132 (predriver, one)
>
>I can't help with equivalent parts, but I'd like to point out that
>you can often find entire Micors for under $50. It makes sense to
>just buy a radio and swap out the entire PA deck rather than try
>to repair one as extensively damaged as yours.
>
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>
We've been told that this is not the case... That Micors in the ham band
frequency range are few and far between (we have been looking for one
at the ham swaps) and go for quite a lot more than $50. We've also
been told that to change the frequency of a Micor amp involves more
parts changing than it's worth.

--
Jim Harvey - WB8NBS - 18538 Inkster - Redford, Mich. 48240 Amiga Person
ac224@detroit.freenet.org | James.B.Harvey@x400gw.ameritech.com

4110. Re: [INFO NEEDED] AX.25, TCP/IP, what, where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 01:12:07 UTC
From: scotte@ccs.neu.edu
Message-ID: <3l2f17$8f9@camelot.ccs.neu.edu>
Source record: 250007
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <rmackay.36.00139995@bud.peinet.pe.ca>,
Ron MacKay <rmackay@bud.peinet.pe.ca> wrote:
>
>>Scott Ehrlich (scotte@ccs.neu.edu) wrote:
>
>
>>: Please educate me. I'd like to see if we New Englanders can't get our
>>: act together and set up something solid which can hopefully expand further.
>
>
>>: --
>>: Scott Ehrlich, Internetworking ASM, Eastern Mass. E-mail: wy1z@neu.edu
>>: Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
>>: Boston ARC Web page: http://www.acs.oakland.edu/barc.html
>>: ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html
>
>>I'm confused. I thought the NEDA guys had quite the system of packet
>>nodes and gateways running in the NorthEast. They're based in New
>>Hampshire and, from what I've seen of their work, seem to have things
>>humming along nicely. Or am I mistaken, not being from the area?
>
>>73.
>
>>--
>>==
>>Paul J. Piercey (VO1HE)
>
>Well maybe the skip is too short Paul, the NEDA ideas have sure spread out into
>Eastern Canada, as well as ONT & QUE. Boston must have missed it somehow?
>73 - Ron
>ve1aic
>

Maybe I made the mistake in including my 'I'd like to see if...' line.

In any case, please do let me know what's going on.

Thanks!

--
Scott Ehrlich, Internetworking ASM, Eastern Mass. E-mail: wy1z@neu.edu
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html
ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html

4111. Re: 420mhz and ATV

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 01:44:53 UTC
From: dts@peanut.senie.com
Message-ID: <3l2gv8$9v8@nic.iii.net>
Source record: 250008

In article <1995Mar23.145420.25583@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
)In article <3ko2gk$osl@gorgor.pa.tetherless.com> Mark Oppenheim <Mark@Tetherless.com>
writes:
)>ACSB has not lived up to it's promise of being this big-time
)>replacement for FM. It's a good mode, but for some reason or
)>another, it just hasn't taken off. Hopefully it's use in the
)>220 MHz band will spur some of this on, I'd sure like to see it.
)>It's been around for what, 12-15 years, and still somewhat in it's
)>infancy.
)
)For amateurs, ACSB has little to offer over ordinary SSB. The
)pilot tone allows automatic tuning, but hams are used to tuning
)in SSB signals, so that's not the important advantage to hams
)that it is for commercial two-way users.

ACSB versus FM would be interesting if REPEATER operation were used, in
that it would significantly reduce signal bandwidth requirements versus
FM. Now it is all well and good that hams can tune SSB, but it is not so
easy for them to tune their transmitted frequency to match a repeater's
receiver, or for the repeater's receiver to autotune to the ham's signal.

That nice pilot tone provides a way for the repeater to tune properly as
well.

) And the 2x compandoring
)has been surpassed as a way of dealing with the noise floor by DSP
)processing techniques that will work with ordinary SSB.
)
)I suspect ACSB missed it's window of opportunity about 10 years
)ago and is now a dead horse.

I suspect you're right, especially given the expense issues. It's more
likely that various spread spectrum techniques, likely with DSP at the RF
stages, will be the future technology, not ACSB.

Dan
--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

4112. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 01:48:38 UTC
From: dts@peanut.senie.com
Message-ID: <3l2h69$a05@nic.iii.net>
Source record: 250009

In article <1995Mar23.145749.25666@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
)In article <3ko99v$1q2c@yuma.ACNS.ColoState.EDU> drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) writes:
)>
)> I noticed that the Kenwood TH-79A/D's and TH-28A's have
)> the dreaded "...complies with part 15 of the FCC rules..."
)> sticker on them. Is this because of the computing devices
)> in them? If so, then would not all microprocessor controlled
)> radios necissitate this sticker? I was under the impression
)> that we were under soley part 97. Maybe I am wrong, some
)> one set me straight and explain this one please.
)
)Anything with a computing device needs Part 15 certification (at
)least for now, the FCC has announced plans to relax that).

I didn't read the same thing into the FCC's NPRM. What I read was
that they were going to relax the REPORTING rules such that a device
which has been tested and shown to meet Part 15 could then be sold
without waiting for the paperwork to be processed and approved by
the FCC.

There is not going to be a significant change in the part 15 emissions
of computer devices, especially any sold into Europe. Devices have to
meet much tighter standards to be sold in Europe than they do to pass
FCC part 15.

--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

4113. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 01:52:05 UTC
From: dts@peanut.senie.com
Message-ID: <3l2hco$a6j@nic.iii.net>
Source record: 250010

In article <3ks59n$8ve@detroit.freenet.org>,
Roland B. Burgan <rburgan@detroit.freenet.org> wrote:
)
)I'm looking for red plastic sheets that I can cut up for filters/
)bezels in front of LEDs (red) used for counter displays. I
)need something about 1" by 5", but would be nice to have something
)a little larger for other projects. Someone I'm sure will come
)up with an answer I should have thought of, but so far I've
)not found anything I can use. We do not have any hobbycraft
)stores in our area.
)--

You should check and see if you have a theatrical supply house in your area, or call a local theater (performing arts kind, not movie house) and find out where they buy gels. You can get gel material in just about any color of the rainbow. The stuff is used to color stage lighting.

Hope that helps!

--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

4114. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 02:33:23 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3l2jra$nfp@news1.databank.com>
Source record: 250012

little@iamu.chi.dec.com (Todd Little) Wrote:
>
>Please explain this relationship between VSWR and RF in the
>shack? RF in the shack is strictly a matter of feedline
>radiation and can occur just as easily with a 1:1 VSWR as a
>10:1 VSWR.
>

Hi Todd:

First, let's be certain we are using the same definition for "RF in the shack". For purposes of this discussion, my meaning has been "the undesired presence of RF on equipment chassis including tuner, rig, microphone, keyer etc." Helping these operators rid their equipment of this phenomenon was my goal in posting all preceding information. Although related, the presence of RF as one might measure it with a field strength meter was not complained of, and was not discussed.

In any event, your contention that feedline radiation occurs just as easily with a 1:1 VSWR as a 10:1 VSWR is untrue. If a coaxial feedline is attached to a balun at the center of a balanced, resonant antenna, and the VSWR throughout the system is 1:1, an insignificant amount of RF will flow on the outer shield of the coax. Conversely, if the same feedline is connected to the center of a non-resonant dipole, and the balun is unable to cope with the reactance (or if no balun is used), considerable RF will flow on the outer shield of the feedline.

Systems employing a balanced feedline can exhibit similar symptoms if the system becomes unbalanced. Among other things, an imbalance can occur any time an attempt is made to feed the unbalanced output of an antenna tuner to a toroidal balun, and then to balanced line which feeds a non-resonant dipole. This is similar to the second situation described in the previous paragraph. In this configuration, the balun operates under conditions far removed from it's design parameters and often fails to provide either impedance matching or balance.

>
>I think everyone here would be interested in hearing how you
>turned a 50' dipole into an efficient antenna system on 160M.
>Feedline losses are only a part of the picture with respect to
>antenna system efficiency.
>

You are correct, of course. Feedline losses are only part of the picture. Other factors include ohmic losses in the tuner, the balun and perhaps even the antenna itself, depending on wire gauge. Before condemning the efficiency of shortened antennas, however, I suggest you review the many articles on this subject by Jerry Sevick. To summarize only a small part of his work, the failure of shortened antennas to perform adequately is nearly always due to factors other than the antenna itself. Although much of Mr. Sevick's work has been with shortened verticals, it is not unreasonable to suggest that horizontal antennas as small as one-half their original size or less can perform exceedingly well if other potential losses are eliminated.

As a final note, it has so far been my intent to assist a few of this groups readers with the information in this thread. The proposed technique is a blend of theory and practical application, and it works. I am by no means the only amateur using this technique, nor am I the only person pleased with the results.

73,

Jack WB3U

4115. Re: Ramsey 220 MHz kit. Does

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 02:41:58 UTC
From: n1ist@netcom.com
Message-ID: <n1istD610ty.40E@netcom.com>
Source record: 250013

In article <6e.13964.332@cencore.com> forrest.gehrke@cencore.com (Forrest Gehrke) writes:
-References: <3kmqm6$ehn@eugene.convex.com>
-
-DH> I am thinking about buying the Ramsey FX220 220 MHz ham transceiver.
-I have heard a number of horror stories about the Ramsey kit.
-Ten-Tec also sells a kit (at a slightly higher price).
-Anyone out there who has had experience with it?

No, unfortunately Ten Tec doesn't have a 220 radio. You are thinking about
the 1220 2M mobile kit. Latest rumor is that they should be available in 4-5
weeks, but since they have been telling me that since May, I will take it
with a large grain of salt. It is taking longer for them to design and write
the manual than they thought. If it is anything like the other Ten-Tec kits
that I have built, it should be a very good one. It should put the Ramsey
to shame.

/mike

--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

4116. Re: Clipart Source

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 03:29:57 UTC
From: abraun@alb.med.itc.com
Message-ID: <95032612597@alb.med.itc.com>
Source record: 250014

In Article <3kkuir$4d5@galaxy.ucr.edu>
plpath@ucrac1.ucr.edu writes:

> In KE4RRG's response regarding Clipart for amateur radio
>
> Where exactly is 'CI$' ?
>
> How does one find this location? -- Could you be more specific?
>
> Tnx, KC6ING
>

CIS (the proper designator) is the Compuserve Information Service. Many
of its users (not so affectionately perhaps) refer to it as CI$ due to its
inflated charges compared to the other major on-line services.
73 - Alan NS0B

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

4117. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 03:39:37 UTC
From: abraun@alb.med.itc.com
Message-ID: <95032613177@alb.med.itc.com>
Source record: 250015

In Article <D5rL66.733@nntpa.cb.att.com>
bob@mtdcr.att.com (14033-R.SCHREIBMAIER(MT5655)1223MT) writes:

> > I myself don't understand contests either. But I don't begrudge contesters
> > their passion EXCEPT that the road is clogged with a marathon each and
> > every weekend and on all the major roads!
>
> Actually, if you look closely, you'll see that contests don't clog
> every band. Nor every weekend. There are only a few major contests
> that are capable of clogging bands -- and those are generally one
> mode at a time, leaving plenty of room for other activities.
>
This is almost but not quite true. There is one (and only one that I know
of, and I'm an active contester) that clogs all bands and modes at once,
namely Field Day at the end of June. While it is true that there is some
minor contest or other almost every weekend, there are only a handful (the
CQ Worldwide, CQ-prefix, ARRL DX, and ARRL sweepstakes, each having
separate CW and phone weekends) which predictably trash wide expanses of
HF spectrum. Also there is Field day as I mentioned above, which is all
modes and all bands (except the WARC bands) at once. BTW, one of those,
the CQ-prefix SSB contest, is happening this weekend (3/25/95).

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

4118. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 03:54:40 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD61475.EqJ@netcom.com>
Source record: 250016

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK .....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.....
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
S

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

4119. Alinco dj-580t

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 04:46:41 UTC
From: wakko@lamar.colostate.edu
Message-ID: <3l2rjh$23mu@yuma.ACNS.ColoState.EDU>
Source record: 250017

Does anyone have a mod for this radio? I don't need the
aircraft one, it's in the manual. Thanks 'n '73's.

al
KB0PYY

4120. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 08:22:36 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar26.002236.1@vax.sonoma.edu>
Source record: 250020

In article <1995Mar25.102107.3223@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> Ken, portable radio equipment needs to be designed to take the kind
> of abuse that is normal for such equipment. The more the radio costs,
> the better it should take such treatment (IMHO). The ultimate examples
> of good HT design, the Moto HT220 and GE Mastr Pro, can be used to
> drive nails, club a bad guy, or chock a truck, and still work.

A friend of mine just got a HT1000 over the net. I had never really checked Motorola radios out very much, but I kind of like his new toy.

> PS The Icom battery rail problem is a known and chronic one. It's
> a scandal that Icom won't fix this serious design problem for free.
> The IC-2AT didn't have this problem. It had metal battery rails
> that didn't fail from normal use.

This would explain my not knowing of the Icom battery rail problem. My Icom is the 2AT... :)

73,
Ken

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

4121. FT-107 mods for Amtor/Pactor

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 11:55:09 UTC
From: mats.petersson@mailbox.swipnet.se
Message-ID: <3l3kmu$7r5@news2.swip.net>
Source record: 249933

Hello everybody with an FT-107M!

I have observed that the AGC on my FT-107M is a bit too slow for working AMTOR/PACTOR, even in its "fast" mode.
Anyone out there who has any tip on how to modify the FT-107 to get the AGC work a little faster? It works ok when I turn the AGC off, but it would certainly be nice to have it on, because as it is now, I am forced to ride the RF gain up and down as the signal of the other station varies. Any other suggestions of how to modify the rig to get a faster TX/RX switching is welcome as well. I have looked everywhere in BBS:es and Mailboxes for any kind of mods for the FT-107, with no success.
Any help appreciated!

Best Regards
Mats Petersson SM5SXL

4122. ICOM W21AT BP-130 and LC-105

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 12:25:03 UTC
From: jabarone@iii1.iii.net
Message-ID: <3l3mfi$c1c@iii1.iii.net>
Source record: 250021

Hi All,

I was wondering if anyone knew of a mail order house that would carry the ICOM W21AT battery pack BP-130 and the carrying case LC-105. I bought the ICOM HT on February 11 from Lentinis in Newington, CT and they had to backorder the BP-130. They gave me the wrong case (LC-103 which fits another model). It's now been 6 WEEKS and I haven't received either of them yet. I'd like to find someplace that has them IN STOCK so I can cancel my current order. I believe HRO has the BP-130, but noone seems to have the LC-105 in stock. Thanks in advance....

Joseph Barone

4123. Hamfests E PA 1/2 Apr ??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 16:26:48 UTC
From: dl278@cleveland.Freenet.Edu
Message-ID: <3l44k8$j7f@usenet.INS.CWRU.Edu>
Source record: 249934

I would appreciate info on any fests c going on next weekend in
Eastern PA. I'm here temporarily and don't have my QST
library or other references.

TNKS

Bill

PS went to Timonium yesterday and came away with money left...
somewhat unusual for me. <G>
--
email: bgraham@tecnet1.jcte.jcs.mil
ampr: N5LMX@K9IU.IN.USA.NA (but I'm in Germany (DA1WG), honest!)
"My head hurts, my feet stink and I don't love Jesus!"- J. Buffett

4124. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 17:05:38 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar26.170538.10151@ke4zv.atl.ga.us>
Source record: 249940

In article <3l2cin$p4k@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey) writes:
>In a previous article, gary@ke4zv.atl.ga.us (Gary Coffman) says:
>>In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey) writes:
>>>
>>>Our club's repeater has fried it's final amplifier. It's a Micor and the
>>>transistors are $40 each list from Motorola (six of them). We've heard
>>>there are more reasonable civilian parts that are subs for the finals.
>>>Does anyone have a source for these or know what the 2nxxx numbers are?
>>
>>I can't help with equivalent parts, but I'd like to point out that
>>you can often find entire Micors for under $50. It makes sense to
>>just buy a radio and swap out the entire PA deck rather than try
>>to repair one as extensively damaged as yours.
>>
>We've been told that this is not the case... That Micors in the ham band
>frequency range are few and far between (we have been looking for one
>at the ham swaps) and go for quite a lot more than $50. We've also
>been told that to change the frequency of a Micor amp involves more
>parts changing than it's worth.

There are 3 basic frequency ranges for the VHF Micor. One of them
covers the 2 meter band without modification. The other two require
some capacitor changes for best results. It's not a big deal. The
most common model covers the commercial frequencies just above
the 2 meter band. You can either replace the capacitors with the
larger exact replacements called out in the Motorola manual, or
you can just parallel padders across them. The parts are fairly
non-critical, cheap, and easy to change.

At most major hamfests, such as Dayton, there will be hundreds and
hundreds of Micors stacked up for sale. While a cherry unit may
command a price of $100, you can get one with a working PA for
$50 or less with a bit of shopping and haggling.

Micors are becoming a bit more rare than they used to be. They
are getting pretty old now. But there are still plenty of them
out there to be found.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4125. LARCFEST '95 is coming April 1

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 17:14:39 UTC
From: Chris Clarke <jclarke@lamar.colostate.edu>
Message-ID: <3l47dv$3l8d@yuma.ACNS.ColoState.EDU>
Source record: 249935
Cross-posted to: co.ads,co.general,csu.general,rec.radio.amateur.misc,rec.radio.swap

```
**********************************************************************
**********************************************************************

LARCFEST - Hamfest and Computer Swap

Sponsored by the Longmont Amateur Radio Club

Saturday, April 1, 1995 8:00am - 3:00pm
Boulder County Fairgrounds at Hover and Nelson Rd. Longmont, CO

**********************************************************************
**********************************************************************

One of Colorado biggest and best hamfest and computer swaps is coming
April 1.

Raffle prizes include: Kantronics KPC-3 TNC
PC Multimedia Upgrade Kit
(a $500 value!)

With a GRAND PRIZE: KENWOOD TS-50S HF TRANSCEIVER

Admission is only $4.00 per adult with children under 12 FREE
With your admission you will see a large selection of amateur radio
equipment as well as great values on computer hard and software.

Want to become a Ham? (A licenced amateur radio operator)
VE Exam sessions will be given during the day. CALL 303-776-9158
for more information.

*** Commercial Exhibitors will be there! ***
*** Food and Lots of Coffee Available ***

CAMPSITES WITH CAMPER HOOKUPS ARE AVAILABLE FOR THOSE COMING
FROM OUT OF TOWN. CALL 303-676-1525 FOR DETAILS

VENDORS!: (A few) Tables are still left for $8.00 each
(Does not include admission)

Reservation can be made by sending a check to:

L.A.R.C.
P.O. Box 86
Longmont, CO 80502-0086

or call for more details:
```

John Stransky KF0RQ 303-776-2110
Randy Stevens N0NMO 303-499-1106

Talk-in frequency is 147.87/27 LARC repeater or use simplex
146.52.

****

SEE YOU AT LARCFEST '95

****

4126. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 17:28:36 UTC
From: sjnoll@rain.org
Message-ID: <3l4885$r1l@news.rain.org>
Source record: 249936

The TX audio in mine died after one hour's use.

Programming is not at all intuitive.

I'd much rather have an Icom, or other brand.

--
*** Steve J. Noll, Ventura CA, WA6EJO, sjnoll@rain.org ***

4127. Re: Ramsey 220 MHz kit. Does it work?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 17:41:44 UTC
From: sjnoll@rain.org
Message-ID: <3l490o$r1l@news.rain.org>
Source record: 249938

My father has one. I can't recommend it. Some serious mistakes in the manual that would cause it not to work if you weren't sharp. His currently has a TX and RX noise problem. I don't doubt that there are others who have had better luck. The old standard "It ain't no Heathkit" applies here. Personally, I'd save up a bit more money and buy a commercial Amateur 220 rig, new or used. There is no PL, or speaker either.

--
*** Steve J. Noll, Ventura CA, WA6EJO, sjnoll@rain.org ***

4128. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 19:32:17 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D62BLt.85I@news.hawaii.edu>
Source record: 250022

In article <3l0dlg$ssj@cheyenne.iac.net> Cassandra <clr@iac.net> writes:
>
>I've never been turned off so fast by anything before in my life. The
>statements about people with no-code tech licenses not "knowing" about
>propagation or any other aspect of the hobby for that matter may all
>be true. But each of us have aspects about amateur radio that we
....
>I had a true desire to get back into the hobby. I have been reading
>this newsgroup since about test day. By the time I received my
>license I had all but lost interest again. I have no desire to spend

It's sad that you're so easily swayed into disinterest by what you
read. Try to gain a stronger will and build your self-confidence.

These newsgroups are not ham radio. And I'd guess that less than
1% of the ham community is represented on rra. So don't be put
off by our opinionated comments.

I'm one of the more vocal pro-code pro-homebrew folks but my
intent is not to drive anyone off the air. If you disagree with
we say then jump in the brawl with your own opinion.

Most importantly, get on the air and have fun!

Jeff NH6IL

4129. ACARS DECODING SOFTWARE WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 19:57:32 UTC
From: slewis@pacsat.demon.co.uk
Message-ID: <258404982wnr@pacsat.demon.co.uk>
Source record: 249943

Hi All

Does anyone have , or know the where abouts on Internet of , decoding
software for the ACARS aeronautical data system?

73 From: Simon Lewis GM4PLM - Helensburgh - Strathclyde - Scotland
Packet: GM4PLM @ GB7SAN.#78.GBR.EU Email: slewis@pacsat.demon.co.uk
AMSAT - UK Member 4282 **** SUPPORT YOUR LOCAL AMSAT GROUP ****

4130. Ohio/Penn DX Bulletin #200

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 20:51:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.200.1995@ampr.org>
Source record: 250023
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ ALLBBS $OPDX.200
Ohio/Penn DX Bulletin No. 200

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 200
BID: $OPDX.200
March 27, 1995
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, K4CEF & Southeastern Cluster Group, AD1C, WW1V, NT2X, W4MWT, KH6WU, W7WY, DF4RD, DL2GBT and DL7VEE & DXNL for the following DX information.

3D2, CONWAY REEF. The 3D2CU DXpedition which was to begin on March 24th, has run into some unexpected problems. Garry, NI6T, operating as 3D2CU/mm has reported that the team has arrived at the island but, due to rough seas, they have been unable to transport all the equipment and team members ashore. They lost some equipment when one of the rubber rafts overturned. They are currently waiting for the seas to calm to finish unloading. As this was being written, no activity has been reported. The DXpedition team was hoping to participate in the WPX contest and to be active until April 3rd (as reported by their last press release).

5T, MAURITANIA. I2RLX, IT9AZS, IT9JNT and IT9PHY are planning a DXpedition with the call 5T0AS, from April 1-20th. They will be active on all bands CW/SSB. If possible they will activate IOTA-island AF-050 (Ile Tidra in the Nouadhibou/Akjoujt Province Group) as 5T0AS/p. QSL via IT9AZS.

8Q, MALDIVE ISLANDS. Juergen, DL1IAI, will be on Kuredu Island, from April 12-27th. He has requested the callsign 8Q7AI, but has not yet received the paperwork. He plans to operate on 80-10 meters and if possible 160 meters. QSL via CBA.

IOTA DXPEDITION (Cousin's Island, NA-137). On Saturday, April 1st, Robert, WW1V, and Jeff, KA1GJ, will activate this Maine State West Group for a couple of hours from 1500-1700z. They will be on or around 14260 kHz operating with TS-50 and a R-5 antenna. If operation goes well, the team will plan another operation from the island with a kilowatt and reasonable antennas during the IOTA contest in July.

J8, ST. VINCENT & DEP. Just a reminder that members of the "Hamburger DX Club" (HDC), Mark/DL1XAQ and Ralf/DL9XAT will start their Caribbean trip from St. Vincent (now through April 1st). Next stops will be St. Lucia (J6) April 1st-4th and Guadeloupe (FG) April 4th-7th. QSL via CBA or via the bureau.

JW, SVALBARD. The DX New Letter reports that DF6JC will be active as JW/DF6JC from the station of JW5E from March 24-30th.

EX (ex UM8), KYRGHYZSTAN. Yuri, EX0A, Executive Director of Amateur Radio Union of Kyrgyzstan, has provide OPDX with the following information about amateur radio operators in his country: All radio amateurs in his country use the prefix - EX. Prefix structure is as follows:
EX9 - Club stations
EX0,2,5,6,7,8 - All individual callsigns
EX1,3,4 - Special callsigns
EX/homecall - For foreign operators callsign only
Presently, there are only 4 foreign stations that have a LEGAL LICENCE: EX/DF8WS (QSL via DF8WS), EX/DK7ZT (QSL via DK7ZT), EX/N0LAZ (QSL via DL4MFM) and EX/KD6BKL (QSL via DF8WS). The following are operating without a licence: N6AMC/UM8, EX/RZ4FZT, EX/UA4FAO, EX/UA4FAY and EX/DL1BCL. Yuri states, PLEASE do not send QSLs for stations with UM, RM and EX prefix to the Russia QSL-bureau in Moscow. We have not received any QSLs from the Russian QSL-bureau for about 3 years. And also note: ARRL, JARL and many others QSL-bureaus send all cards for us to Moscow, very sorry but our HAMs will not receive these QSLs. Our radio amateur organization's national QSL bureau (for UM,RM and EX) is:
P.O.Box 1100
Bishkek -20
720020
Kyrghyzstan, CIS

NEW QSL MANAGER. As OPDX reported last week, Ken, V73C, was looking for a new manager and within the last week he has recruited Bruce, N4GAK. Send all V73C cards to: Bruce Smith, 15 Henderson Dr., Fayetteville, TN 37334.

P5, NORTH KOREA. A station signing P5BK has been reported active over the past week from a European PacketCluster and W6-land stations. The station's activity has been on 15/20 meters CW between 2230 and 0000z, plus stating to QSL via JA1BK. ONLY one thing to say, "WFWL".

POSSIBLE FJL RADIO SHUTDOWN. Ed, NT2X, reports he had a conversation with Slava, RX1OX/FJL, operating from Franz Joseph Land, and was told that a possible shutdown of the polar base may happen due to budget constraints. It can happen within the next several months, and if it does, then all personnel will be removed to the mainland. This would mean that FJL will no longer be represented on the air. Currently active from FJL are R1FJL (ex-4K2MAL and last heard on March 24th, on 14014 kHz at 2253z) and RX1OX/FJL (last heard on March 4th, on 14237 kHz at 0123z).

QSL INFO. DL5UF, DK1CE and DF5WA who were active from Madagascar (5R) from February 25th through March 10th, provide the following QSL routes.

QSL via bureau or direct 5R8EH via DL5UF, 5R8EI via DL2GBT and 5R8EJ via DF5WA.

V3, BELIZE. Don, ZF2VW (ex-DJ0IR), will be active as V31VW in San Ignacio, from April 10-24th. Don will be on 12 and 17 meters, CW and SSB for anyone that needs Belize. Also look for him on 21370, 14230 kHz and he will try 10 meters (28410 kHz), if the band opens up. QSL to: Vancouver Mountain Radio Club, P.O. Box 1622, Vancouver, WA 98668.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

4131. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 21:07:33 UTC
From: slay@netcom.com
Message-ID: <slayD62G0L.Jx4@netcom.com>
Source record: 249945

Bill Feidt (wfeidt@cpcug.org) wrote:
: Can someone provide a location for AJ7/JK2VOC. He's apparently an
: operation in the WPX SSB test this weekend. TIA for any help.

: Bill Feidt
: wfeidt@cpcug.org

Sure ..... he is operating from W7RM's super station in La Center, WASH.
73 de Sandy
WA6BXH/7J1ABV
slay@netcom.com

4132. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 21:29:15 UTC
From: little@iamu.chi.dec.com
Message-ID: <3l4mbb$mr4@jac.zko.dec.com>
Source record: 249944

In article <3l2jra$nfp@news1.databank.com>, jackl@pinetree.microserve.com (WB3U) writes:
|>
|>little@iamu.chi.dec.com (Todd Little) Wrote:
|>>
|>>Please explain this relationship between VSWR and RF in the
|>>shack? RF in the shack is strictly a matter of feedline
|>>radiation and can occur just as easily with a 1:1 VSWR as a
|>>10:1 VSWR.
|>>
|>
|>Hi Todd:
|>
|>First, let's be certain we are using the same definition for
|>"RF in the shack". For purposes of this discussion, my meaning
|>has been "the undesired presence of RF on equipment chassis
|>including tuner, rig, microphone, keyer etc." Helping these
|>operators rid their equipment of this phenomenon was my goal in
|>posting all preceding information. Although related, the
|>presence of RF as one might measure it with a field strength
|>meter was not complained of, and was not discussed.

I think most people would define "RF in the shack" as unwanted radiation
occuring in feedlines that results in an inordinate amount of RF energy
in the shack.

|>In any event, your contention that feedline radiation occurs
|>just as easily with a 1:1 VSWR as a 10:1 VSWR is untrue. If a

Please dismiss my contention with some evidence. High VSWR occurs as
a result of impedance mismatch between the antenna system and the
transceiver (or amplifier/tuner if either or both is used.) "RF in the
shack" normally occurs as a result of feedline radiation occuring
inside the shack. The two are related but neither is causal of the other.
They can occur together or separately or alone. High VSWR by itself does
not cause "RF in the shack" and "RF in the shack" can occur with a VSWR
of 1:1.

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

4133. Re: Motorola HT200 quest.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 22:20:57 UTC
From: root@cincy.msr.hp.com
Message-ID: <3l4pc9$gfi@hpscit.sc.hp.com>
Source record: 249946

Richard Delaney (delaney@j51.com) wrote:
: [Article crossposted from rec.radio.scanner]
: [Author was Richard Delaney (delaney@j51.com)]
: [Posted on 24 Mar 1995 23:11:01 GMT]

: I picked up a Motorola HT200 radio at a hamfest with a charger for a
: steal ($5) thinking I could maybe put mu local PD or Ambulance freq in it

Thats about the right price for a HT200 -- the radio is probaly older than you are :)

Before you get too far you might want to check the battery condition
Typically those are the most costly part of that vintage radio to replace

If the crystal has the correct carrier freq marked than someone has already
retuned the radio for the lower part of the band.
This may or maynot have required any mods to the radio.

My advise would be that if you cannot use the radio in its present
condition than dump it at the next hamfes to the radio.

Crystals,PL,manuals and a battery would cost more than what you
want to spend on a radio that old (unless your starting a Moto musuem :))

: (155. or 156. mhz) incase of somesort of life-or-death emerg. Can anyone
: tell me about this radio, I opened it up and saw a crystal in it for
: 146.94mhz, was this a ham rig to start, or did someone retune it?
: The crystal looks like a regular scanner crystal (like RS ones), is that
: what it is? I can't get it to charge, so I'm going to try feeding power
: from a supply into it directly.

: Thanks

: --
: Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
: PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
: BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
: The opinions written here by ME are MINE, and it is my RIGHT to express them!

: --
: Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
: PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
: BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
: The opinions written here by ME are MINE, and it is my RIGHT to express them!

--

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**** / ****
****
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4501 Erskine Road Telephone: (513)985-6292
Cincinnati, Ohio Fax: (513)985-6300
45242 Telnet: 985-6292

These comments are my personal ones and not Hewlett-Packard

4134. IPS Daily Report - 26 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 23:40:17 UTC
From: rwc@ips.oz.au
Message-ID: <3l4u11$k6b@flare.syd.ips.oz.au>
Source record: 250024
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 26/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 26 MARCH AND FORECAST FOR 27 MARCH - 29 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 25 Mar
Daily Proton Fluence >1 MeV: 4.0E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 8.7E+06 (normal)
X-ray background: B1.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
27 Mar 28 Mar 29 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 27 Mar: 93/38

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 25 Mar
Learmonth 20 2333 4444
Fredericksburg 23 6
Planetary 25 6

Observed Kp for 25 Mar: 1322 2111
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
27 Mar 25 Unsettled to active, with possible isolated minor
storm periods.
28 Mar 25 Unsettled to active, with possible isolated minor
storm periods.
29 Mar 25 Unsettled to active
COMMENT: IPS Geomagnetic Disturbance Warning 95/08 was issued on 24
March and is current for interval 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
26 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
27 Mar normal-fair fair poor-fair
28 Mar normal normal-fair poor-fair
29 Mar normal normal-fair poor-fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
26 Mar 36 15 to 30% above predicted monthly values until 20UT,
15 to 30 % depressed thereafter.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
27 Mar 0 15 to 20% below predicted monthly values
28 Mar -10 15 to 20% below predicted monthly values
29 Mar -10 15 to 20% below predicted monthly values
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.IPS HF Radio Communications Warning 95/12 will be
issued later today for interval 27-30 March.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4135. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-26 23:55:38 UTC
From: misrael@scripps.edu
Message-ID: <3l4utq$n22@riscsm.scripps.edu>
Source record: 249948
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

In article <D5v73M.A26@news.hawaii.edu>, jeffrey@math.hawaii.edu (Jeff NH6IL) writes:

> Hi Mark,
> Rather than saying the `letters were adopted' the correct entry
> should read `The prosign ...---... was adopted...'.

Thanks to all who responded.

Which dictionaries contain the word "prosign"? I'd be a bit
reluctant to use a word that most people couldn't find in their
desk dictionaries.

--
misrael@scripps.edu Mark Israel

4136. [Q] TS-60S [50 Mhz xcvr] US Prices?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:00:00 UTC
From: sylvank@central.susx.ac.uk
Message-ID: <3l66b1$3ho@infa.central.susx.ac.uk>
Source record: 249928

Can some please give me a rough idea of the state-side cost for a Kenwood TS-60S (All mode 50 Mhz xcvr), the YK-107C 500 Hz CW filter, and the IF-10D PC interface unit. If any one knows of a 2nd hand unit for sale I would also appreciate knowing about it.

Please reply direct
Sylvan Katz (G0TZX & VE5ZX)

J.S. Katz@sussex.ac.uk

*** Dr. J. Sylvan Katz ***
Science Policy Research Unit, Mantell Building, University of Sussex,
Falmer, Brighton, East Sussex, UK BN1 9RF
Tel: (273) 686758 Fax: (273) 685865
VE5ZX & G0TZX

4137. ***LOOKING FOR EURO REPEATER LOCATIONS***

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1995Mar27.205226.2665@lafn.org>
Source record: 249929

Anyone have a listing of these, esp. for 2-meters/440?
--

4138. Re: WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:00:00 UTC
From: greg.pool@nitelog.com
Message-ID: <8A6423B.0833006E2B.uuout@nitelog.com>
Source record: 249930

BL> >> >Im looking for dedicated amateur WWW homepages. If
BL> >> you or your club has one
BL> >> >please email me. I will post a summary later.
BL> >>
BL> >> One that I like (In the Montreal area) is:
BL> >>
BL> >> http://www.cam.org/~dino/ham.html
BL> >>
BL> >> ---
BL> >> Don Lafontaine (VE2UFO)
BL> >> Canadian National Railways Montreal Quebec,
BL> >> Canada
BL> >> Telecom Engineering Email -
BL> >> lafont02@godzilla.cn.ca

You might also try:

http://www.sp.nps.navy.mil/npsarc/k6ly.html

the home page of the Naval Postgraduate School ARC in Monterey CA.

Aloha+73 de Greg wh6dt@amsat.org

4139. New HDN Files Released

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:00:00 UTC
From: Ham.Dist.Net@f17.n275.z1.fidonet.org
Message-ID: <518_9503300439@woodybbs.com>
Source record: 250027

```
The following files were processed Monday 03-27-95 by the Ham Dist Net
Please allow 48 hours for files to arrive at the HDN Anonymous FTP Site.

HAMNEWS HAM: Ham Bulletins and Newsletters
--------------------------------------------------------------------------------
ANART850.ZIP 8,479 ANART Bulletin #850 03/19/95
ARLB026.ZIP 3,834 03/21/95 - Vanity call change sought
ARLB027.ZIP 3,380 03/24/95 - Date for club call signs
ARLB028.ZIP 3,417 03/24/95 - W4OYI condition improves
ARLD013.ZIP 3,724 03/23/95 - DX News
ARLD014.ZIP 5,152 03/23/95 - DXCC update
ARLP014.ZIP 3,657 ARRL Propagation Bulletin 03/24/95
ARLX013.ZIP 3,924 03/21/95 - Hamvention honors trio
ARLX014.ZIP 3,743 03/24/95 - Ham-author to speak
ARLX015.ZIP 3,508 03/24/95 - Awards clarification
IRTS0319.ZIP 5,347 IRTS Bulletin 03/19/95
NEWS0317.ZIP 11,885 NewsLine #918 03/17/95
PFQ0319.ZIP 52,256 VK2PFQ President's address / WICEN News
RSGB0326.ZIP 10,259 RSGB Bulletin 03/26/95
RTDX0324.ZIP 4,518 RTTY DX Bulletin 03/24/95
VK2-0319.ZIP 4,030 VK2 WICEN News 03/19/95
YNET013.ZIP 5,600 YouthNet Bulletin #013 03/23/95
--------------------------------------------------------------------------------
136,713 bytes in 17 file(s)

HAMSAT HAM: Satellite tracking and finding programs
--------------------------------------------------------------------------------
AMSAT077.ZIP 5,281 AmSat Bulletin #077 03/18/95
AMSAT084.ZIP 8,213 AmSat Bulletin #084 03/25/95
ARLK012.ZIP 4,893 ARRL Keplerian Bulletin 03/25/95
OBS083.ZIP 8,498 Amsat Orbital Elements #083 003/24/95
SPC0320.ZIP 4,860 Space News 03/20/95
--------------------------------------------------------------------------------
31,745 bytes in 5 file(s)

HAMSWL HAM: Shortwave broadcast schedules
--------------------------------------------------------------------------------
KOL.ZIP 3,660 KOL SWBC Sked - 03/31 to 09/02/95
MRI.ZIP 4,382 Monitor Radio SWBC Sked - 03/28 to 09/26/95
R_PRAGUE.ZIP 4,273 Radio Prague SWBC Sked - 03/26/95 to 09/23/95
SCDX2220.ZIP 10,099 Sweden Calling DX #2220 03/21/95
VOA.ZIP 12,885 VOA SWBC Sked revised 03/24/95
--------------------------------------------------------------------------------
35,299 bytes in 5 file(s)
```

TVRO TVRO: TVRO Satellite Feeds, FAQ, TVRO Listing, etc

TSN0319.ZIP 8,549 Tele Satellite News 03/19/95
TSN0326.ZIP 9,868 Tele Satellite News 03/26/95

18,417 bytes in 2 file(s)

Total of 222,174 in 29 file(s)

Official Ham Distribution Net FTP Server : ftp.iea.com /pub/borg/hdn
Official Ham Distribution Net ListServer : hdn@ar-net.woodybbs.com
Official Ham Distribution Net E-mail : ab5sm@netcom.com

Official Ham Distribution files and ticks: ftp.netcom.com
use alias 99:9999/99 password is password: /pub/ab/ab5sm/hdn

Official U.S. Postal Service Address : Ham Distribution Net
P.O. Box 50003
Dallas, Texas 75250-0003

Official Ham Distribution Net BBS' : (214) 226-1181 8N1 16.8k v32b
(214) 226-1182 8N1 14.4k v32b
Logon: Guest;guest

Official Ham Distribution Net (FidoNet) : 1:124/7009 | 1:124/7010
Official Ham Distribution Net (CrossNet) : 73:6101/1

--- FMail 1.0g
Origin: Ham Distribution Net Coordinator - ab5sm@netcom.com (1:124/7009)
--
|Fidonet: Ham Dist Net 1:275/17
|Internet: Ham.Dist.Net@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4140. Special Event Station @ Indiana University

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:24:46 UTC
From: dbasinge@nickel.ucs.indiana.edu
Message-ID: <3l50ke$npk@usenet.ucs.indiana.edu>
Source record: 249949
Cross-posted to: rec.radio.amateur.misc,in.ham-radio,rec.radio.shortwave

The Indiana University ARC will operate K9IU throughout the month of
April to commemorate the 175th anniversary of Indiana
University. Operation will be on the 80 to 10 meter amateur radio
bands and the 2 meter amateur band. For certificate and QSL, send QSL and a
9x12 inch SASE to:

K9IU
Indiana University ARC
Indiana Memorial Union, Room 21
Bloomington, IN 47405

We will also be manning a special event on April 1, 1995 from 11am to
7pm. The frequencies we will be monitoring are:

Band CW Phone
---
80 meter 3.680 Mhz 3.880 Mhz
40 meter 7.130 Mhz 7.270 Mhz
20 meter 14.040 Mhz 14.270 Mhz
15 meter 21.130 Mhz 21.365 Mhz
10 meter 28.130 Mhz 28.470 Mhz
2 meter 146.520 Mhz (simplex)

A prize will be sent to every 100th contact made on April 1st.

Also contact via our repeater at 146.940- Mhz
--
D. Michael Basinger [N9YYO]
dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

4141. Call sign re-allocation

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:40:38 UTC
From: hidaka@lsi.melco.co.jp
Message-ID: <1995Mar27.004038.6579@xfsv.lsi.melco.co.jp>
Source record: 249954

Dear all;

The March/'95 issue of QST let me notice that the FCC will re-allocate call signs
(vanished ones) beginning in this coming April.

I've never heard of this plan because I live in Japan now.
Please let me know ANY recent informations regarding this action,
especially how/when to get the FCC format for this application.

Actually I have a 2x1 call sign (NT1K) which I'd like to change to
a good old 1x2 call sign like W1** or K1** withiout K at the tail
for convenient CW operations.
Do I have any chance?

Thanks in advance.
March 27, 1995

Hideto Hidaka
NT1K/JH2NDY
hidaka@lsi.melco.co.jp

4142. EXCELLENT!!! 100 mhz TEKTRONIX model 2235 dual trace OSCILLOSCOPE!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:44:05 UTC
From: rumn8@ix.netcom.com
Message-ID: <3l51ol$8oe@ixnews2.ix.netcom.com>
Source record: 249952

For sale:

100Mhz Tektronix dual trace Oscilloscope Only $800.00
Model: 2235 Military grade
Both A and B channels plus TV trigger input
Includes: all probes/manuals that shipped with it.
In great shape and works perfectly!!

Also has service manual, users manual, discrete viewing hood, carry ase.
Asking just $800.00 (purchase price was near $3,000.00)

Email me or give me a call at 312-507-8026 (day) if I'm not in, just
leave a message and I'll call you back.
Pete

4143. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 00:46:55 UTC
From: tomw@qnet.com
Message-ID: <3l51tv$jd9@ukelele.qnet.com>
Source record: 249953

>>
>>>Mine puts out 25 watts! I couldn't believe it, but it's true.
>>>I run it straight off the battery in the car, and I get a solid
>>>25 watt output.
>>
>>Hey, Tom. Maybe if you plug it into an AC outlet you'll get 50 watts!
>>Try it and let me know! :-)
>>
>>David
>
>
>You know, the fact that these rigs can so easily and conveniently be
>mis-operated says a lot for never buying one used. Wonder if they'll
all
>drop dead in two or three years?
>
>Jack WB3U

I have an HTX-202 and I Do plug it into the cigaette plug. Have for
months. It only give 12 volts. The radio IS designed for that. As far
as 25 or 10 watts, YEAH RIGHT. Check the specs again.

Tom KB7RLA

4144. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 01:04:19 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D62qz8.DI5@news.hawaii.edu>
Source record: 249972
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

misrael@scripps.edu (Mark Israel) writes:

>jeffrey@math.hawaii.edu (Jeff NH6IL) writes:

>> Hi Mark,
>> Rather than saying the `letters were adopted' the correct entry
>> should read `The prosign ...---... was adopted...'.

> Thanks to all who responded.
>
> Which dictionaries contain the word "prosign"? I'd be a bit
>reluctant to use a word that most people couldn't find in their
>desk dictionaries.

Hi again Mark,
`Prosign' is a modern-day conjunction of `professional-signal'.
My references actually read ``The signal ...---... was adopted...''
so that might be the most accurate entry for your FAQ. Sorry for any
confusion.

Jeff NH6IL
>
>--
>misrael@scripps.edu Mark Israel

4145. ANARTS RTTY NEWS BULLETIN 851 26/03/95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 01:17:57 UTC
From: dave@eram.esi.com.au
Message-ID: <3l53o5$k5c@eram.esi.com.au>
Source record: 250025
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

```
[ ANARTS - Australian National Amateur Radio Teletype Society ]

ANARTS NEWS BULLETIN 851 26/03/95

Schedule for this Sunday 26th only due staff shortage.
(Volunteers welcome as situation will deteriorate)

3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC
14.070 MHz (amtor/fec) 0030 UTC
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

7.042 Mhz amtor/pactor mbs

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

For your interest ...
=================
1. Australia is the world's heaviest per capita user of
Internet, the international computer network.
2. Australia has the second highest number of personal
computers per capita in the world, after the United States.
3. Australia has the second highest level of computing power
per capita in the world, after the United States.
4. Australia is the eighth largest user of personal
computers worldwide.
5. Australia's information technology market is worth more
than 10 billion dollars Australian per year, second only to
Japan in the Asia-Pacific region.
6. Australia's information technology industry is bigger
than Korea's and nine times the size of Singapore's and Hong
Kong's.
7. Australia's business employs more than 2.7 million
personal computers - 48 per cent are on local area networks.
8. Australia's information technology companies export almost
2.5 billion dollars Australian of products a year.

(Source: IREE Monitor vol. 19 issue 5) Courtesy of Clem VK6CW
```

IPS WEEKLY REPORT
---
17 MARCH - 23 MARCH

DATE OF ISSUE: 24 MARCH 1995

INDICES:

DATE 17 18 19 20 21 22 23
10CM 83 92 84 89 90 94 94
A 8 4 3 4 1 3 (7 ESTIMATED)
T 38 27 37 34 30 32 39

SOLAR ACTIVITY WAS VERY LOW 17TH TO 21ST, AND 23RD MARCH; AND MODERATE ON 22ND WITH AN M2 FLARE.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 17TH AND 23RD MARCH, AND QUIET FOR THE REMAINDER OF THE PERIOD.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE ENHANCED BY 10 TO 20 PER CENT ON 17TH, THEN NEAR NORMAL UNTIL 23RD WHEN FREQUENCIES WERE NEAR NORMAL TO SLIGHTLY ENHANCED.

FORECAST (24 MARCH - 30 MARCH)

SOLAR: VERY LOW TO LOW.

GEOMAGNETIC: ACTIVE TO MINOR STORM PERIODS 26 TO 30 MARCH, QUIET TO UNSETTLED THEREAFTER.

IONOSPHERIC: MOSTLY NEAR NORMAL, 15 PER CENT DEPRESSED EXPECTED ON 29 TO 30 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

VK2SG RTTY DX NOTES FOR WEEKENDING 17 MARCH 95 (BID RTDX0317)

OUR THANKS THIS WEEK GO TO: ZS5S, W2JGR, WB2CJL, AA5AU, KD2YG, JF1MGI, I5IGQ, THE K5NV AND IK5PWJ PACKETCLUSTER.

BANDPASS:
FRIDAY 10
0016-14085 LU/KI4PR
0159-14080 XU7VK
0217-14087 CX7BF
0218-14087 CE8SFG
0234-14080 VP8CKN
0324-14087 ZL4GO
0658-14069 SU1CR PACTOR
1125-14069 TL8MS PACTOR
1655-14080 IS0QDV
1703-14088 LZ1MC

1729-14084 EA6ABJ
1755-14089 9H1BV
1800-14083 FR5HG/E
1812-14088 J28JJ
1814-14084 EI5V
1816-14084 FG5FI
1827-14083 SV9ABG
2036-14066 5N3ALE PACTOR

SATURDAY 11
1303-14084 ER1ER
1305-14086 GI0BQX
1344-14082 UX0KN
1351-14084 ER3ED
1352-14087 4X6ZK
1404-14088 GU0SUP
1650-14090 9Q5TT QSL ON5NT
1720-14085 ZA1MH
1745-14069 5X4B PACTOR
1748-14083 FR5HG/E EUROPA IS. QSL F6FNU
1913-14084 TZ6FIC
2116-14084 CO3SG
2127-14084 RA0FU
2159-14088 KC6VW QSL JA6BSM
2201-14083 TL8MS
2326-14083 TU4EY
2245-14086 8R1RPN

SUNDAY 12
1415-14086 UX0KN
1456-14085 4X6ZK
1500-14086 HK6HFY
1501-14088 S54A
1641-14089 9Q5TT
1649-14086 9H1BV
1732-14085 XF0C SEE NOTE
1752-14075 5T5MS
1813-14085 9U/F6IQA AMTOR FEC QSL F6ITD
1829-14082 9U/F6IQA PACTOR
1834-14085 KP4CKY
1837-14083 CO3SG
1911-14087 FG5FT
2328-14085 V73EI

MONDAY 13
0121-14067 PP2ZDX PACTOR
0130-14086 VP5JM
0133-14085 XF0C
0139-14087 VP8CKN
1108-14069 TL8MS PACTOR
1523-14084 5H3JA

1704-14085 FR5HG/E QSX 4-5
1934-14087 FY5FJ QSL IK1HTW
1951-14085 9U/F6IQA
2327-14082 RA0FU
2336-14087 ZP6DN

TUESDAY 14
0800-14069 S92ZM PACTOR
1033-14074 V85GA PACTOR
1459-14083 XF0C
1509-14087 4X6UO
1547-14085 IS0MVE
1549-14089 ED5SAR
1815-14083 WP4ISP
1952-14087 9Q5MRC
2310-14085 KC6VW

WEDNESDAY 15
0135-14082 XU7VK
0630-14087 V51GB
0650-14084 5Z4FM
1000-14077 V85GA PACTOR
1749-14085 FR5HG/E QSX UP 4
1801-14087 XF0C
2108-14084 WP4Q
2112-14085 CO2KG

THURSDAY 16
0638-14069 TL8MS PACTOR
0644-14069 S92ZM PACTOR
1535-14085 PA56W SPECIAL PREFIX
1901-14087 XF0C
1905-14083 CO3SG

NOTES OF INTEREST:
CLARION IS. XF0C. IF SOMEONE STILL NEED REVILLAGIGEDOS, XF4 ON DIGITAL THIS IS A CHANCE. THE TRIP BY XE1BEF INTO THIS ISLAND (NA-115) ONE OF REVILLAGIGEDOS GROUP,ALONG WITH SAN BENEDICTO, ROCA PARTIDA AND ISLA SOCORRO SHOULD HAVE ENDED ON MARCH 18TH. QSL TO HECTOR ESPINOSA F.P.O.BOX 231, COLIMA 28000, MEXICO.

CONGO, TN. RECENT OPERATION TN2M AND TN4U HAS BEEN APPROVED BY DXCC DESK. CARDS ARE ACCEPTED FOR CREDIT.

TOKELAU, ZK3. RON, ZL1AMO DURING APRIL WILL BE OPERATING FROM THIS RARE PLACE (OC-048) STAY TUNED FOR MORE DETAILS.

MICRONESIA,V63. TOSY,JA6VZB WAS ACTIVE AS V63BM FROM MARCH 17th 17TH TILL 20TH. OPERATIONS INCLUDE RTTY. QSL VIA JA6BSM.

THE VK2SG RTTY DX NOTES ARE AVAILABLE ON INTERNET VIA TELNET OR FTP AT AB6Z.AMP.ORG. THE DIRECTORY IS CALLED/RTTYNOTE.

FOR NEXT WEEK'S BULLETIN SEND YOUR BANDPASS TO JULES, WB2CJL AT W5KSI.#NOLA.LA.USA.NA.

GL DE (DX2) LUCIANO, I5FLN AT ZS5S.ZAF.AF

DX BULLETIN 12 ARLD012
FROM ARRL HEADQUARTERS
NEWINGTON CT MARCH 16, 1995
TO ALL RADIO AMATEURS

ARLD012 DX NEWS

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFORMATION PROVIDED BY TEDD, KB8NW, THE OPDX BULLETIN, ANTOINE, F6FNU, THE YANKEE CLIPPER CONTEST CLUB PACKETCLUSTER NETWORK AND THE CONTEST CORRAL COLUMN FROM THE PAGES OF QST MAGAZINE. THANKS TO ALL.

TUNISIA. 3V8BB HAS SUBMITTED PROPER DOCUMENTATION. CARDS WILL NOW BE ACCEPTED FOR DXCC CREDIT.

ZAIRE. PETER, ON6TT, CONTINUES TO BE ACTIVE AS 9Q5TT. HE WAS RECENTLY OPERATING RTTY ON 20 METERS STARTING AT AROUND 2030Z.

BAHRAIN. THE DX NEWS LETTER (DXNL) REPORTS THAT ADMIRAL SCOTTY REDD OF THE US NAVY, KA SIGNING A92Q. LISTEN FOR HIS 40 METER CW. QSL VIA BOX 116, MANAMA, BAHRAIN.

MALTA. BIRGIT, DL7VTZ, AND HOLGER, DL7VTM, WILL BE ON GOZO ISLAND FROM MARCH 24 TO APRIL 7 SIGNING 9H1TZ AND 9H1TY, RESPECTIVELY. YOU MAY REMEMBER THEIR RECENT DXP AS TN2M ES TN4U FROM THE CONGO. PLANS ARE TO PARTICIPATE IN THE CQWW WPX CONTEST ON THE 25TH AND 26TH. ACTIVITY WILL BE ON ALL BANDS WITH 100 WATTS AND WIRE ANTENNAS. QSL VIA DL7VRO.

BOUVET ISLAND. UA9OBA WILL BE DOING SOME EXTENSIVE TRAVELING THROUGHOUT THE ANTARCTIC AND ARCTIC REGIONS BEGINNING IN JUNE. ALONG THE WAY HE PLANS TO ACTIVATE A FEW NEW IOTAS, NAMELY NANSKIAN AND SCOTT ISLANDS. AT THE END OF THIS LONG TRIP SOMETIME IN LATE OCTOBER OR NOVEMBER HE HOPES TO OPERATE FROM BOUVET, AN-002.

SRI LANKA. WILLEM, ON6TZ, AND GERARD, ON4ASQ, WILL BE ACTIVE UNTIL APRIL 1.

ISRAEL. RIKI, 4X IS ACTIVE ON 160 METERS 20 MINUTES BEFORE AND AFTER HIS SUNSET. HE CAN USUALLY BE FOUND ON OR NEAR 1830 KHZ LISTENING UP. HE NEEDS ID, ND, NV, OR AND UT TO COMPLETE HIS WAS.

CONGO. YL OP HAZEL WAS HEARD LAST WEEKEND SIGNING TN7OT ON 14220 KHZ AROUND 1945Z.

KUWAIT. FAISAL, 9K2HA, REPORTS THAT AS OF MARCH 1, ALL FOREIGN AMATEURS VISITING KUWAIT MUST SIGN 9K2/THEIR HOME CALLS. PLEASE BE AWARE THAT SOME CALLS ONCE ISSUED TO FOREIGNERS ARE NOW ASSIGNED TO KUWAITI NATIONALS. FOR EXAMPLE, 9K2ZZ NOW BELONGS TO FAISAL, EX-9K2HA. QSL VIA ON6BY. AS OF MARCH 1, 9K2ZZ IS 9K2/N6BFM, 9K2ZC IS 9K2/KI0K, AND 9K2YY IS 9K2/N0YKI.

PACIFIC DXPEDITION. TOSY, JA6VZB, WAS ACTIVE FROM BELAU AS KC6VW UNTIL MARCH 17, AND FROM MICRONESIA AS V63BM MARCH 17, 18 AND 19, AND GUAM AS AH0T/KH2 MARCH 19 AND POSSIBLY LONGER. HE WILL WORK ALL BANDS USING CW, SSB AND RTTY, BUT CONCENTRATE ON 160 METERS AND RTTY. ONLY QSL VIA THE BUREAU TO JA6BSM.

EUROPA. FR5HG SHOULD BE ACTIVE THROUGH APRIL 30 WITH CW, RTTY AND SSB. HE RUNS 500 WATTS TO A LOG PERIODIC ANTENNA. QSL VIA F6FNU.

ASCENSION ISLAND. G4RWD IS ON THE AIR AS ZD8WD UNTIL SEPTEMBER.

CARIBBEAN DXPEDITION. MARK, DL1XAQ, AND RALF, DL9XAT, WILL BE ON FROM FOUR DIFFERENT IOTAS IN THE CARIBBEAN. HERE IS THEIR SCHEDULE. FROM MARCH 25 TO 26, THE SAINT VINCENT AREA, J8, NA-109. MARCH 27 TO APRIL 1 FROM NA-025. APRIL 1 TO 4 FROM SAINT LUCIA AREA, J6, NA-108. APRIL 4 TO 8 FROM THE GUADELOUPE AREA, FG, NA-102. ACTIVITY WILL BE ON 80 THROUGH 10 METERS. QSL VIA THEIR HOME CALL SIGNS.

SAINT LUCIA. PETER, DK1RP, WILL BE ON THE AIR AS J6/DK1RP FROM APRIL 11 TO 29. HE WILL OPERATE PRIMARILY CW ON THE WARC BANDS. QSL VIA THE BUREAU.

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the Pres'nt (Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB. Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-ward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes ANARTS News Bulletin 851 26/03/95.

Inserted by VK2BQS (Jim) Vice-President ANARTS.
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

4146. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 01:30:38 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <1995Mar27.013038.2261@liberty.uc.wlu.edu>
Source record: 249957

Gary V. Deutschmann Sr. (raiar@vulcan.inlink.com) wrote:
: Time based contests should be aoutlawed, they have no place on the Amateur
: Bands.

: Gary N0ZOI, USA National Coordinator for RAIAR
: Radio Amateurs International Awards Registry

Would you prefer 24/48 hour contests or would you prefer 24 hour contests
365.25 days a year??????

Rich KI6ZH

4147. Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 01:35:23 UTC
From: am856@yfn.ysu.edu
Message-ID: <3l54or$doq@news.ysu.edu>
Source record: 249955

I don't know why I didn't think of asking here sooner.

I am having a very interesting exchange in alt.video.laserdisc
about Pulse Code Modulation.

I recall its origin as a broadcast improvement over FM. The way it
was arrived at was overdrive the FM output amplifier so that it
would be heavily clipped in essence transforming the originally
frequency modlulated carrier into a variable width pulse modulated
carrier (PCM).

I was later taught in college digital electronic that PCM was a neat
wave to encode binary bit streams. I also recall learning that no matter
how the original PCM carrier was derrived (i.e. FM carrier clipping or
binary bit stream) the neat thing about PCM was that you always had the
option of either processing it in the digital or analog domain.

What I am interested in is that FM clipping is a form of flash
digitization.

I seek the wisdom of the gurus here to clarify to my thoughts and eliminate
any of my misconceptions.

I thank you in advance for your responses.

4148. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 02:00:27 UTC
From: Mike Walker <aawalmi@bhppmel.bhp.com.au>
Message-ID: <3l567r$6c0@merlin.resmel.bhp.com.au>
Source record: 249956

> Use only the cold water supply line on the water heater for a ground...
> As a last resort you could use the green ground on your electrical system...
>
> In the event of a rare, lightning strike, the ground won't matter much if
> your looking for protection from that....
> Gary
>

WOW !!!

What a cool thing to do !!

I'll bet you've bypassed the interlock on your microwave so you
can get your food out while it's nice and hot.

Hey, why not ground YOUR station on the neutral wire and your
counterpise can be nationwide. Seeing your a (Sr.) when you
go can I have your gear, if it's still intact !!!!!

Thess are my views and not those of my employer.....

VK3ZMF

4149. 40 meters: 3 Mhz wide?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 02:08:53 UTC
From: mraz@maverick.aud.alcatel.com
Message-ID: <9503270208.AA09874@maverick.aud.alcatel.com>
Source record: 249958

VE3GRS, Steve, posted the March 18 edition of the RAC News Bulletin.

> IARU REGION 2 DIRECTORS MEETING HELD IN FEBRUARY
...
> IARU President Dick Baldwin W1RU, reported on the Region 3
> conference in Singapore. The IARU Secretariat's Administrative
> Council met while in Singapore and firmed up the goal of obtaining a
> full 3 Mhz of band for 40 metres on a world-wide allocation. According
> to Mr. Hopwood this will require a lot of lobbying with ITU member
> societies to make this happen.

Is this a typo? A full 3 Mhz of band for 40 metres? You'd need a log periodic
just to cover the 40m band! Can anyone at IARU confirm this IARU goal?

73
Kris AA5UO -> (N5KM)
mraz@aud.alcatel.com

4150. 2m RF problems with the Neon?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 02:19:56 UTC
From: slm@world.std.com
Message-ID: <D62uH8.ErD@world.std.com>
Source record: 249961

Greetings! My husband Lee KA1USL is thinking about purchasing a Chrysler Neon, and would like to ask if anyone has any experience with running a 2-meter rig in a Neon. He heard from one guy who rented one once that running 5 watts was causing electrical problems.

He likes to use 2 meters while driving; if there are RF problems in the Neon, he may want to consider another kind of car.

Input from other Neon drivers would be most welcome!

73,

Sharon KC1YR

--
electronic address: slm@world.std.com

4151. Attn: Toyota Camry Owners

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 02:54:17 UTC
From: dleitch@freenet.columbus.oh.us
Message-ID: <3l59cp$348@acme.freenet.columbus.oh.us>
Source record: 249960

I just purchased a used '93 Toyota Camry XLE this past weekend. Would like to hear from folks who have installed 2M or Dual Band radios in these vehicles. Questions:

1. Where did you mount your radio? I have the CD Player, so indash is kinda out of the question.

2. Did you find any RF problems. My Camry has a security alarm, so I'd be especially interested in this aspect.

3. What type(s) of antennas are you using and how do they perform. (No "drill the hole" available with the Sunroof)

4. Any other notes or suggestions would be greatly helpful.

Thanks and 73's! - Dave

--
dleitch@freenet.columbus.oh.us wb8ihw@n8jyv.#cmh.oh.us
wb8ihw.ampr.org 44.70.0.128

4152. 5 wpm test

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 03:01:24 UTC
From: afn01079@freenet3.freenet.ufl.edu
Message-ID: <3l59q4$mi5@freenet3.freenet.ufl.edu>
Source record: 249962

Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.policy
References: <3jr1hs$7p8@jac.zko.dec.com> <3joama$4fn@dora.auc.trw.com>
Subject: Re: Question about the 5WPM code test

>Most of what you have heard is correct. One minute of solid copy is an
>automatic pass. So at 5 WPM, 25 correct characters in a row is a pass.
>The other way to pass is to answer 7 or more of a 10 question test. Some

My experience is slightly different. For my 5wpm there was no option for questions.
Had to get 25 straight correct. Took my 13wpm twice. First time was fill in the
blank, 2nd time was multiple choice...& was luck enough to get 10 of 10.

It was great to pass, and for me not easy. That is i worked/practiced pretty hard
at it. For those with a more natural ear for cw, god bless em. Now where's that
advanced study pool...:)

73...John, ke4rrg

--
Paperboy for Windows 2.04
--

4153. Where do I send a complete 610 form?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 03:32:31 UTC
From: Ted Drude <teddrude@delphi.com>
Message-ID: <5617fev.teddrude@delphi.com>
Source record: 249963

I've got a completed 610 form, but I didn't get the instruction sheet.

Could someone please email me the correct mailing address (including
zip code) for the 610 form?

Thanks,

Ted Drude KA9ELV

4154. Re: Geoclock

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 03:38:23 UTC
From: yves1@delphi.com
Message-ID: <9503262214591.The_Win-D.yves1@delphi.com>
Source record: 249964

In article <3kup2o$itq@tadpole.fc.hp.com>, jayk@fc.hp.com (Jay Kesterson K0GU) writes: > Marvin Hoffman (HOFFMANMK@CONRAD.APPSTATE.EDU) wrote:

> : Can someone direct me to a/the source for the computer program
> : Geoclock which shows a series of maps with the current time displayed
> : in various cities, both USA and in other parts of the world?
>
> : Is it commercial software, shareware or what? Where does one obtain it?
> : Thanks in advance.
>
> : Marv Hoffman, KD4EGV/AA
> : Boone, NC
>
> The shareware version (geoclk60.zip geoxtr60.zip) is available via anonymous
> ftp from: oak.oakland.edu in the directory: simtel/msdos/graphics
>
> 73, Jay K0GU jayk@fc.hp.com
>

And if you want the registered version which has some very slick features,
as well as the author's huge library of various detail maps, projections, etc.
you can get everyt hing from the author's LL BBS, which is
(703) 241 7980.

You register once and then you're entitled to all the subsequent upgrades.
I've gotten everything from 4.2 onward, and he also has ham versions of the
geoclock program, centered on your QTH with callsign databases,
computed distances,bearings, grayline, terminator, etc. in realtime.

Have fun!

Yves Albert (Al {"Al"}) Feder
Yves1@Delphi.com
W1EOX
("Mommy, what's all that funny metal stuff on the roof?")
Home of Tiny Radio Theatre AND
Eric, the Mad Megalomaniac Bull Cavy

4155. $*$*$ 30 Weak Signal Challenge (HAM Post) - Now $40 $*$*$

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 03:55:43 UTC
From: ir000411@interramp.com
Message-ID: <3l5cvv$gkj@usenet.interramp.com>
Source record: 249965
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna

$*$*$ 30 Weak Signal Challenge (HAM Post) - Now $40 $*$*$

Five weeks have passed since the original posting of this challenge.
During that period, the Web page was accessed over 1000 times.
The weak signal recording has been listen to and processed by
many. Several operators using their best audio filters have been
able to copy my call. And yet, a correct identification of the calling
station has not been made. I am increasing the amount offered to $40
and will continue to escalate the prize until someone cracks the problem.

Details on the challenge can be obtained from my Web page:

http://www.webcom.com/~af9y/

If you do not have a Web Browser, you can ftp the following:

FTP ADR: ftp.webcom.com/pub/af9y/www/

Sound File: unkn422.zip This is the Zipped Wav File

Ref Files: af9ypage.zip GIFs of AF9Y Web Page (with challenge info)
fftdsp38.zip FFTDSP Demo Program
fft422.zip View of unkn422 in next release

The winner will be announce in the UseNet groups carrying this post
and my Web page.

Final Note for those trying their own signal processing techniques:

Many have asked about the WAV file format used for the
A/D recording. The format is a PC Windows standard which
contains 43, 8 bit-bytes of header (which can be thrown away)
followed by a consecutive series of 8 bit A/D data. The sample
rate was 8192 samples/sec.

Good Luck,
de Mike Cook - AF9Y

4156. Re: [INFO NEEDED] AX.25, TCP/IP, what, where?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 04:23:41 UTC
From: pp000719@interramp.com
Message-ID: <3l57vg$bm4@usenet.interramp.com>
Source record: 249959
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <3ktdor$kil@coranto.ucs.mun.ca>, <ppiercey@nlnet.nf.ca> writes:

> Scott Ehrlich (scotte@ccs.neu.edu) wrote:
>
> : I'm going to a section meeting in the Boston, Mass, USA area soon, having
> : just been appointed Internetworking ASM for Eastern Massachusetts.

> : Please educate me. I'd like to see if we New Englanders can't get our
> : act together and set up something solid which can hopefully expand further.
>
> : Thanks for any leads anyone can offer.
>
> : What's going on in California? Arizona? Texas? Australia?
>
> : 73,
>
> : --
> : Scott Ehrlich, Internetworking ASM, Eastern Mass. E-mail: wy1z@neu.edu
> : Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
> : Boston ARC Web page: http://www.acs.oakland.edu/barc.html
> : ARRL Web page: http://www.acs.oakland.edu/barc/arrl.html
>

Take a look at some of the Technical Information Pages at the ADRS WWW site:

http://www.iea.com/~adrs

and at the TAPR WWW site: http://www.tapr.org/tapr

A lot of information is out there! Good Luck!

Paul Richter W4ZB

4157. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 04:36:59 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <5e14nMr.edellers@delphi.com>
Source record: 249966

WB3U <jackl@pinetree.microserve.com> writes:

>I agree with you, except for one thing. I don't find a requirement in CFR 47 for
>compliance with part 15, except as it applies to the original manufacturer of the
>product. Nor do I find anything that states that equipment operated by a ham
>must meet this particular section of the rules.

Well, yes and no. If your receiver (or other electronic device) causes harmful interference the FCC can order you to shut it down, *whether it is in Part 15 compliance or not.* This provision applies equally to a new radio operated in "showroom stock" condition, one that has been modified or one that is so old that Part 15 compliance was not required in its category when it was made.

My impression is that if you have a receiver that was Part 15 compliant, and you modify it in such a way that it no longer is,AND it then causes harmful interference, the FCC would come down on you because the interference was your own fault (as opposed to interference caused by a defective or old device). If your receiver doesn't bother anybody else's reception, the FCC has far better things to do than bust you on such a technicality -- and no one else has the authority to do so.

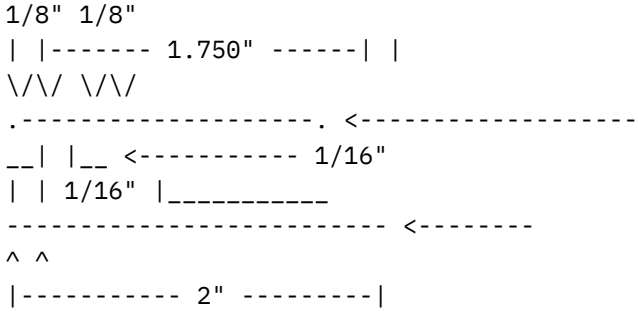
4158. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 04:45:45 UTC
From: jcw@kd4dts.radio.org
Message-ID: <1995Mar27.044545.23482@kd4dts.radio.org>
Source record: 250026

dts@peanut.senie.com (Daniel Senie) writes:

>In article <3ks59n$8ve@detroit.freenet.org>,
>Roland B. Burgan <rburgan@detroit.freenet.org> wrote:
>
>I'm looking for red plastic sheets that I can cut up for filters/
>bezels in front of LEDs (red) used for counter displays. I
>need something about 1" by 5", but would be nice to have something
>a little larger for other projects. Someone I'm sure will come
>up with an answer I should have thought of, but so far I've
>not found anything I can use. We do not have any hobbycraft
>stores in our area.
>--

The problem I've usually had with purchasing Lexan or Acrylic is that is
only comes in 1/8" sheets or thicker, and most hobby boxes or PacTec cases
have grooves for bezels 1/16" or thinner. My solution is to cut a piece
of material from 1/8" stock, then use a table saw to thin the material to
1/16" in the area that fits into the bezel. End on view:



4159. Re: Attn: Toyota Camry Owners/Saturn owners

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 05:14:01 UTC
From: Mark <mlapolt@netaxis.com>
Message-ID: <3l5hip$m18@eliza.netaxis.com>
Source record: 249968

> I just purchased a used '93 Toyota Camry XLE this past weekend. Would
> like to hear from folks who have installed 2M or Dual Band radios in
> these vehicles. Questions:
>
> 1. Where did you mount your radio? I have the CD Player, so indash is
> kinda out of the question.
>
> 2. Did you find any RF problems. My Camry has a security alarm, so
> I'd be especially interested in this aspect.
>
> 3. What type(s) of antennas are you using and how do they perform.
> (No "drill the hole" available with the Sunroof)
>
> 4. Any other notes or suggestions would be greatly helpful.
>
> Thanks and 73's! - Dave

I kind of am in the same boat, but with a different car. I've got
a '93 Saturn SL1, and have NO place in it (that I can find) to put a
radio. More than anything else, that's why I haven't gone out and purchased
a monile rig for my car. For about 6 montns, I've had and old Sears CB radio
in the car, but it's just lying up against the gear shift housing, and I don't
want to do that with any Ham Radio. Mainly because I don't want to take the
CB out to make room for it.

As far as antennas are concerned, I was planning(if I ever get a radio
in the car) to just get a trunk or hood-mount 5/8 whip. Two local hams I know
have standard Larson 5/8 2m whips pop rivited to the sheet metal on
the trunk (rear quarter panel) and hood (front fender)

Mark N1UNE
mlapotl@netaxis.com

4160. Re: 40 meters: 3 Mhz wide?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 05:52:31 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <3l5jqv$fie@oak.oakland.edu>
Source record: 249969

Kris I. Mraz (mraz@maverick.aud.alcatel.com) wrote:
: VE3GRS, Steve, posted the March 18 edition of the RAC News Bulletin.

: > IARU REGION 2 DIRECTORS MEETING HELD IN FEBRUARY
: ...
: > IARU President Dick Baldwin W1RU, reported on the Region 3
: > conference in Singapore. The IARU Secretariat's Administrative
: > Council met while in Singapore and firmed up the goal of obtaining a
: > full 3 Mhz of band for 40 metres on a world-wide allocation. According
: > to Mr. Hopwood this will require a lot of lobbying with ITU member
: > societies to make this happen.

: Is this a typo? A full 3 Mhz of band for 40 metres? You'd need a log periodic
: just to cover the 40m band! Can anyone at IARU confirm this IARU goal?

No doubt. I would imagine they said, "... a full 300 KHz of band...,"
and Steve added another zero. 300KHz would allow many countries to
operate phone above 7.100, just like U.S. hams do now.
73 =paul= wb8zjl
: 73

4161. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 06:41:54 UTC
From: armond@delphi.com
Message-ID: <Jk753S6.armond@delphi.com>
Source record: 249971

Dave, do youhave a call sign? If not, why are you crabbing abt what others do. I don't care if some stamp collectors only collect stamps of Kenya, or some photographers haul around big 8X10 cameras when they can get pics with 35mm. That 8X10 film sure wastes a lot of silver. And motorboats make more noise than sailboats. How about listeing your other interests and then the rest of us can talk about how boring and senseless we think they are.

4162. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 08:02:45 UTC
From: mikech@hysteria.bri.hp.com
Message-ID: <D63ACM.10M@bri.hp.com>
Source record: 249973

Tell a newbie this...

Does one QSL to stations contacted in a contest?

..... Mike G0UGR

4163. Shops/Activity in Mass/NE area.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 08:41:49 UTC
From: robin@ayjen1.enet.dec.com
Message-ID: <3l5tod$2ls$1@usenet.pa.dec.com>
Source record: 249932

Hi,

I will be in and around Marlboro in Mass. next week and would like to visit a HAM shop. Can anyone give me any details and directions to shops in the area (I have heard there is a HRO in NH?). I`ll also have my HT with me so any info on local repeaters/freq would also be very handy.

Thanks in advance.

Robin GM4YED

4164. Mobile Antenna on a Honda Civic?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 08:44:58 UTC
From: robin@ayjen1.enet.dec.com
Message-ID: <3l5tua$34f$1@usenet.pa.dec.com>
Source record: 249974

Hi,

I have a 2yr old Honda Civic hatchback and am having major problems with fitting any 2m antenna. It has no gutters or any trunk to speak of.

Has anyone mounted a 2m antenna on this car without drilling a hole?? or without using a magmount.? If so I would like to know.

Thanks

Robin GM4YED

4165. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 08:49:02 UTC
From: misrael@scripps.edu
Message-ID: <3l5u5u$76@riscsm.scripps.edu>
Source record: 249841
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

In article <D62qz8.DI5@news.hawaii.edu>, jeffrey@math.hawaii.edu (Jeff NH6IL) writes:

> `Prosign' is a modern-day conjunction of `professional-signal'.
> My references actually read ``The signal ...---... was adopted...''
> so that might be the most accurate entry for your FAQ. Sorry for any
> confusion.

Now I'm *really* confused. :-(I got some e-mail saying that
"prosign" came from "procedural signal". Which is it?

--
misrael@scripps.edu Mark Israel

4166. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 09:00:05 UTC
From: rickmcm@delphi.com
Message-ID: <9503270335591.The_Win-D.rickmcm@delphi.com>
Source record: 249931

> >>>
> >>>Our club's repeater has fried it's final amplifier. It's a Micor and the
> >>>transistors are $40 each list from Motorola (six of them). We've heard
> >>>there are more reasonable civilian parts that are subs for the finals.
> >>>Does anyone have a source for these or know what the 2nxxx numbers are?
> >>
> >>I can't help with equivalent parts, but I'd like to point out that
> >>you can often find entire Micors for under $50. It makes sense to
> >>just buy a radio and swap out the entire PA deck rather than try
> >>to repair one as extensively damaged as yours.

<snip>

> There are 3 basic frequency ranges for the VHF Micor. One of them
> covers the 2 meter band without modification. The other two require
> some capacitor changes for best results. It's not a big deal. The
> most common model covers the commercial frequencies just above
> the 2 meter band. You can either replace the capacitors with the
> larger exact replacements called out in the Motorola manual, or
> you can just parallel padders across them. The parts are fairly
> non-critical, cheap, and easy to change.
>
> At most major hamfests, such as Dayton, there will be hundreds and
> hundreds of Micors stacked up for sale. While a cherry unit may
> command a price of $100, you can get one with a working PA for
> $50 or less with a bit of shopping and haggling.
>

Just in case you don't attend Dayton, or some other major hamfest, and you want to repair your PA deck, try R.F. Parts in San Marcos, Ca.

They advertise in most of the ham publications, or their phone number for ordering is 1-800-RFPARTS

Good Luck,

Rick, WB7UGZ

4167. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 09:27:47 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3l60ht$22v@news1.databank.com>
Source record: 249975

little@iamu.chi.dec.com (Todd Little) Wrote:

>I think most people would define "RF in the shack" as unwanted radiation
>occuring in feedlines that results in an inordinate amount of RF energy
>in the shack.

This definition does not describe the symptoms under discussion. The persons
who asked for help do not agree with you. Haven't you read the earlier posts?

>Please dismiss my contention with some evidence.

The symptoms which were described are familiar to experienced operators.
I have explained why they occur, but if you believe an alternate explanation
is appropriate, please present it.

>High VSWR occurs as a result of impedance mismatch between the antenna
>system and the transceiver (or amplifier/tuner if either or both is used.)

This is one of the most pervasive misconceptions in the amateur community.
VSWR results from attaching a reactive load to the feedline. The match
between transmitter and antenna system determines power transfer, not VSWR.

>"RF in the shack" normally occurs as a result of feedline radiation
>occuring inside the shack. The two are related but neither is causal
>of the other. They can occur together or separately or alone.

Didn't you say in your opening statement that they're the same thing?
You're contradicting your own argument.

>High VSWR by itself does *not* cause "RF in the shack"

Maybe not in every situation, but the subject of this thread is high VSWR
that *does* cause RF in the shack.

>and "RF in the shack" can occur with a VSWR of 1:1.

I can think of only a few conditions that cause this, and again, all are
unrelated to this thread.

It is evident that you have missed both the purpose and relevance of these
posts. If the originals are no longer on your server, let me know and
I will copy you on them via e-mail.

73,

Jack WB3U

4168. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 09:37:50 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3l614n$22v@news1.databank.com>
Source record: 249976

Ed Ellers <edellers@delphi.com> wrote:

>My impression is that if you have a receiver that was Part 15 compliant, and
>you modify it in such a way that it no longer is,AND it then causes harmful
>interference, the FCC would come down on you because the interference was your
>own fault (as opposed to interference caused by a defective or old device). If
>your receiver doesn't bother anybody else's reception, the FCC has far better
>things to do than bust you on such a technicality -- and no one else has the
>authority to do so.

Yes, this is exactly what I meant. I find no statement in the rules to the effect that a modification would be illegal, even if same causes non-compliance with Part 15. The operator does remain responsible, however, in the event of harmful interference (as such interference is described under all applicable rules, not just Part 15).

73,

Jack WB3U

4169. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 10:09:04 UTC
From: cmj0001@jove.acs.unt.edu
Message-ID: <3l62s0$9te@hermes.unt.edu>
Source record: 249977

I wouldn't get discouraged about others looking down at you for having
a tech no-code.

I'm a tech no-code and have been for about a year. I think it was a
good idea for those of us that are very busy, but still want to get
into ham radio. Both of my parents have been hams since the 70's they've
gotten out of it, but I wanted to try it.

I was (am) in college, so I didn't have much time to study for the code.
Although I fully intend in the future to upgrade, my college comes first. I
think that it has fullfilled the original purpose of letting me get my
feet wet and want to upgrade.

I haven't had much problems with people snubbing they're nose at me when
I tell them that I'm a no-code. Although some people do like it, I've never
been ignored on the radio.

Go ahead an try 2m. Nobody will ever know that your no-code unless you
tell them.

73's
Chris

--
It's time to move on, time to get going | Chris Johnson
What lies ahead, I have no way of knowing | KE4EIF
But under my feet, baby, grass is growing | -aka- John Smoltz
It's time to move on, time to get going | chris@gcnext.gac.peachnet.edu
--- Tom Petty Wildflowers | cmj0001@jove.acs.unt.edu

4170. Re: APRS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 11:06:11 UTC
From: ab5sm@netcom.com
Message-ID: <ab5smD63IuB.KGH@netcom.com>
Source record: 249828

David W. Hansen (dwhansen@inx.net) wrote:
: Does anyone know of an FTP site for the latest version of APRS? I beleive it
: is ver. 67. It kills me to call the BBS in 410 area code and download at 1200
: baud.

try ftp.iea.com /pub/borg/hdn/hampack

i do not always get the latest version and they are updated more frequently
than some people change socks :-)

whenever i get one it makes it way to the HDN ftp site .. there is usually
a delay between the time i release it through the Ham Dist Net and the time
it actually arrives at the ftp site, so you may have to check back several
times ... but it doesnt cost anything to check

lee - ab5sm

--

lee - ab5sm Ham Distribution Net ab5sm@netcom.com
P.O. Box 50003 ab5sm@txnp.uscourts.gov
Dallas, Tx 75250-0003

Ham Distribution Net BBS - (214) 226-1181 - Login: Guest;guest

--

4171. Re: W5yi files petition fo

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 12:34:17 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796309630.AA00879@hamlink.mn.org>
Source record: 249889

PP>Give us a break, Fred; we understand what's ::really:: at stake.

What will happen to his "send me $5.00 and I'll process your
renewal 610" operation? FCC will soon be sending a Form 610-R
which you simply sign and return for your renewal.

4172. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 13:25:08 UTC
From: tcmayo@eng106
Message-ID: <1995Mar27.132508.25755@knight.vf.ge.com>
Source record: 249829

Tom Wells (tomw@qnet.com) wrote:
: >>
: >>>Mine puts out 25 watts! I couldn't believe it, but it's true.
: >>>I run it straight off the battery in the car, and I get a solid
: >>>25 watt output.
: >>
: >>Hey, Tom. Maybe if you plug it into an AC outlet you'll get 50 watts!
: >>Try it and let me know! :-)
: >>
: >>David
: >
: >
: >You know, the fact that these rigs can so easily and conveniently be
: >mis-operated says a lot for never buying one used. Wonder if they'll
: all
: >drop dead in two or three years?
: >
: >Jack WB3U

: I have an HTX-202 and I Do plug it into the cigaette plug. Have for
: months. It only give 12 volts. The radio IS designed for that. As far
: as 25 or 10 watts, YEAH RIGHT. Check the specs again.

: Tom KB7RLA

There are several versions of the HTX-202: HTX-202, HTX-202A, HTX-202B,
and HTX-202CD. I have the HTX-202A, which has an internal step-up
transformer to go from 12 VDC to 50 VAC, which powers the radio (all
within spec limits) to 25 Watts. The "B" model saw the inception of
the 2m/6m all-mode keypad mod. The "CD" model is also an all-mode HF
transceiver.

P.S. The rest of my first outrageous message was editted out, so
you didn't get to see my signature and date:

-Tom Mayo N1RMU tcmayo@mntr02.psf.ge.com
4-1-95

I hope the marines allow a sense of humor down at Quantico...

-Tom

4173. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 13:45:08 UTC
From: md@pstc3.pstc.brown.edu
Message-ID: <3l6fh4$2ir@cat.cis.Brown.EDU>
Source record: 249830

In article <3l62s0$9te@hermes.unt.edu>,
cmj0001@jove.acs.unt.edu (Christopher Mark Johnson) writes:

|> I'm a tech no-code and have been for about a year. I think it was a
|> good idea for those of us that are very busy, but still want to get
|> into ham radio....I was (am) in college, so I didn't have much time to
|> study for the code.

Actually, they should have named the license class the
Codeless "I always have an excuse not to do the code" Technician.

You found time to study the theory, didn't you?

MD
--
-- Who needs looks when you have taste?
--
-- Your blood pressure just went up.

4174. Re: Mobile Antenna on a Honda Civic?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 13:45:19 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796311919snz@g4kfk.demon.co.uk>
Source record: 249832

Hi Robin,

In article <3l5tua$34f$1@usenet.pa.dec.com> robin@ayjen1.enet.dec.com writes:
> Hi,
>
> I have a 2yr old Honda Civic hatchback and am having major problems with
> fitting any 2m
> antenna. It has no gutters or any trunk to speak of.
>
> Has anyone mounted a 2m antenna on this car without drilling a hole?? or
> without using
> a magmount.? If so I would like to know.
>
> Thanks
>
> Robin GM4YED

I had the same problem with my Mazda 323F.

Martin Lynch does a boot clip (perhaps that should be trunk clip in this newsgroup) combined with a dual band 2m (1/4 wave) and 70cm (5/8 wave) antenna. It looks like a mobile phone antenna, so it doesn't attract too much attention. I've fitted one on the hatchback of the car and it works very well.

He also does a miniature magmount with a combined 2/70 antenna.

The other possibility is an on-glass antenna, but I've heard some bad reports about those, and they get a bit cumbersome on 2 as due to the capacity of the through-glass connection, they are longer than a conventional quarterwave.

Martin's number is 0181-566 1120. Ask for Graeme Platts, and tell him you want the same as he sold Mike, G4KFK!

73
Mike Gathergood
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4175. Re: Shops/Activity in Mass/NE area.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 13:53:59 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796312439snz@g4kfk.demon.co.uk>
Source record: 249833

> I will be in and around Marlboro in Mass. next week and would like to visit a
> HAM shop.
> Can anyone give me any details and directions to shops in the area (I have
> heard there is
> a HRO in NH?). I`ll also have my HT with me so any info on local repeaters/freq
> would also
> be very handy.

Try Ham Radio Outlets at 224 North Broadway, Salem, NH on 603 898 3750.
Follow the 495 North out of Marlborough for about 30m, then North on the
93 and it's the first exit after the state line, about 5 miles East of the
motorway.

If you're in the East side of MA, try Lentini Communications in Newington CT.
West along the Mass Pike as far as Springfield (watch out for Bart Simpson),
then south on the 91. If you contact the ARRL they have a detailed map they
send to visitors to ARRL HQ, also in Newington.

73,
Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4176. Re: Where do I send a complete 610 form?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 13:56:28 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796312588snz@g4kfk.demon.co.uk>
Source record: 249834

>
> I've got a completed 610 form, but I didn't get the instruction sheet.
>
> Could someone please email me the correct mailing address (including
> zip code) for the 610 form?
>
> Thanks,
>
> Ted Drude KA9ELV
>

I thought it was on the top of the form. However...

FCC
1270 Fairfield Road
Gettysburg
PA
17325-7245

73
Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4177. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 13:59:57 UTC
From: horak@convex.com
Message-ID: <3l6gct$bt0@eugene.convex.com>
Source record: 249831

In <1995Mar27.132508.25755@knight.vf.ge.com> tcmayo@eng106 (Tom Mayo N1RMU) writes:

>There are several versions of the HTX-202: HTX-202, HTX-202A, HTX-202B,
>and HTX-202CD. I have the HTX-202A, which has an internal step-up
>transformer to go from 12 VDC to 50 VAC, which powers the radio (all
>within spec limits) to 25 Watts. The "B" model saw the inception of
>the 2m/6m all-mode keypad mod. The "CD" model is also an all-mode HF
>transceiver.

Oh, then you haven't heard of the HTX-202E yet? The E is for European
and isn't available here yet. It is a wideband scanner via a keypad
mod :-) Hey Tom, did you try that AC mod I mentioned yet? How'd it go?
:-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-)

==============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
==============================(An average SIG)==================================

4178. Amateur Radio Newsline #919 25 Mar 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:02:15 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <dLiTlGG8yTOB079yn@dorsai.org>
Source record: 249937
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Newsgroups: rec.radio.amateur.misc,sbay.hams,rec.radio.info

SB NEWSLIN @ ALLBBS $NLIN.919
Amateur Radio Newsline #919 25 Mar 1995

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Netowrk. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline. and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Usenet - david@stat.com (David Dodell - Moderator rec-radio-info)
FTP, (oak.oakland.edu) - wy1z@neu.edu (Scott Erlich, Boston ARC)
Internet mailing list (individuals) - bigsteve@.dorsai.org
Internet mailing list (re-distributors) - D.CARY@genie.geis.com
BBS Networks: FidoNet - Joe Brown, 1:2625/111
RIME - RO mail to Steve Coletti, ->35
Others - Steve Coletti (within the conference)
(Fido Netmail to 1:278/230)
- - - - - -
NEWSLINE RADIO - CBBS EDITION #919 - POSTED 03/25/95

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. For current information updates, please call

Audio Version of Newsline
==========
Los Angeles..... (213) 462-0008
Los Angeles (Instant Update Line)..... (805) 296-2407
Seattle..... (206) 368-3969
Seattle..... (206) 281-8455
Tacoma..... (206) 927-7373
Louisville..... (502) 894-8559
Dayton..... (513) 275-9991
Chicago..... (708) 289-0423
New York City..... (718) 353-2801
Melbourne, FL..... (407) 259-4479

Electronic Hardcopy Version of Newsline
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GEnie (RTC Bulletin Board)..... m345;1
GEnie (File Library)..... m345;3
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573
In bulletin number 36
The Midwest Connection BBS..... (701) 239-2440
In bulletin number 6 of the ham radio conference
Delphi.....In the ham radio conference
CompuServe/HamNet..... HamNet Library 0
Internet.....In the rec.radio.info newsgroup
Internet FTP: oak.oakland.edu.....
In archive: pub/hamradio/docs/newsline
Local BBS's.....In the Ham Radio conferences on
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

Check with your local amateur radio club to see if NEWSLINE can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an SASE at P.O. Box 463, Pasadena, CA 91102.

Thank You
NEWSLINE

(***

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

(***

[919]

(* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
(* *
(* The following advisory is not necessarily for trans- *
(* mission over amateur radio. This is just a reminder that *
(* the address for the Newsline Support Fund is: *
(* *
(* Newsline *
(* c/o Andy Jarema N6TCQ *
(* P.O.Box 660937 *
(* Arcadia, California *
(* 91066 *
(* *
(* Again, and as always, we thank you. This ends the *
(* closed circuit with Newsline report number 919 for release *
(* on Friday, March 24, 1995 to follow. *
(* *
(* *

The following is a QST

The FCC gives hams a new band but a commercial newsletter
publisher says that on-air bulletins should be stopped on the HF
Bands. Find out who and why on Newsline report number 919 coming
your way right now!

(*****
NEW HAM BAND

Ham radio has a new band from 219 to 220 MHz but not every ham
will be able to use it. This is because the government says that
hams must coordinate their operations through the recognized
national society before going on the air. It's a first for modern
amateur radio and here are the details.
When the new rules take effect, on a date that has not yet
been announced, Technician and higher class amateur licensees will
be permitted to use digital modes of up to 100 KHz bandwidth at
more than 50 watts Peak Envelope Power output. This is because
the primary occupant of the band is the Automated Maritime
Telecommunications Systems or AMTS. And, to protect AMTS from
interference by ham radio operations, the ARRL, the American
Radio Relay League, has been designated as the singular national
contact point for all amateur operations in the 219 to 220 MHz

Amateur Radio allocation.
The League will be responsible for maintaining a database of all amateur operations in the band. All hams planning to operate in the new band must notify the ARRL at least 30 days prior to initiation of operations.
Even after registering with the ARRL, there are more restrictions on who can use 219 to 220 MHz. Amateur stations within 50 miles of an AMTS coast station must obtain the written approval of the AMTS licensee prior to operating. Amateur stations within 398 miles of an AMTS coast station must notify the AMTS licensee in writing at least 30 days prior to initiation of operations.
The ARRL says that it will assist amateurs in fulfilling these requirements but the FCC warns that Amateur stations operating in the 219 to 220 MHz band are not permitted to interfere with, nor are they protected from interference by, primary service operations in and adjacent to the new band.
The FCC Report and Order on this action is ET Docket Number 93-40. It allocates the 219 to 220 MHz band on a secondary basis to the Amateur Service specifically for point to point fixed digital message forwarding systems, and is the climax of almost six years of effort by the ARRL. This, to obtain at least partial compensation for the loss of the 220 to 222 MHz band.
The Report and Order also sets a legal precedent for the commission and its relationship with the private sector. As far as we know, it is the first time that the FCC has selected one representative of a group of radio hobbyists to perform what amounts to regulatory duty over the day to day operations of all ham radio operators on an Amateur band.

(*****
W5YI VS. HIGH FREQUENCY BULLETINS

A well known ham radio bulletin publisher wants ham radio bulletins banned from the high frequency ham bands. Fred Maia, the editor and publisher of the W5YI Report says that some amateurs are abusing the bulletin privilege and he wants it to stop.

If W5YI newsletter publisher Fred Maia has his way, one-way transmissions on the amateur HF bands will be a thing of the past.

"I think things have gotten out of hand." Fred Maia, W5YI

Maia filed a petition for rulemaking with the FCC March 16th. He's asking the Commission to BAN one-way information bulletins and Morse Code practice on frequencies below 30 MHz. Such transmissions, Maia sez, have outlived their usefulness and have led to abuse.

"Bulletin stations are going on top of 2-way communications that's angering a lot of the amateur community. I just thought

enough was enough. In the day and age there is plenty of other ways for bulletins and code practice to be done." W5YI

Maia sez the interference problems set a bad example for newcomers to the HF bands as well as to people monitoring worldwide. He sez only the U.S. allows what he calls one way broadcasting. Under Maia's proposal, Space Shuttle transmissions, International Amateur Radio Network broadcasts, and the ARRL's W1AW code sessions would be illegal on HF. Maia already has opposition.

"The phrase throwing the baby out comes to mind immediately." David Sumner, K1ZZ

David Sumner, K1ZZ is the League's Executive Vice President. He sez an outright ban would be detrimental to amateurs' ability to convey information on the HF bands.

"I don't see the problems associated, for example, with totally non-controversial matter. When the Commission looked at it 5 years ago, as far as I know it is still totally non-controversial and why he's making an issue of it." K1ZZ

Whether this will become an issue before the FCC remains to be decided. In 1989, the Commission looked into usage of the 20 meter band and found no need to make changes. The question now is whether it's time to revisit the rules.

Fred Maia stresses that his petition is written for the HF bands only. This means code practice and information bulletins airing on VHF and UHF repeaters would NOT be affected. Maia says the comments hams send to the FCC in response to his request could play a major role in deciding whether one-way transmissions continue to be legal or are outlawed.

(*****
GEORGE WILSON UPDATE

Some good news to report on the recovery of ARRL President George S. Wilson, W4OYI. Word that George is showing significant improvement following a stroke he suffered on February 11th. If he keeps up the current level of recovery, he may soon be moved to a rehab center closer to his home.
As we have said before, get well wishes for George Wilson, W4OYI should be sent in care of ARRL Headquarters, 225 Main Street, Newington Connecticut, 06111. Or you can post them to the "Get Well George" topic on the ham radio bulletin board on America Online.

(*****
DAYTON WINNERS

Last week we told you that Rosalie White, WA1STO had been named as Dayton's Radio Amateur of the Year. The Radio Amateur of the Year is one of three awards given each year by the Dayton Amateur Radio Association. The two others are the Specific Achievement and Technical Achievement and this year these awards go to a pair of very deserving hams.

The 1995 recipient of the Special Achievement Award is Ed Brenner, WA3TVG. Best known as one of the flying dentists, WA3TVG has been active annually as a dentist, but also as an amateur.

"I grabbed the opportunity and I went to San Padro Sulu in 1979 and in 1980 with these guys. 1979 I requested and was granted a reciprocal license so that I took my little Atlas and set it up at the hotel. There were 13 dentists along at the time and I ran phone patches back home for each and everyone of them." Ed Brenner, WA3TVG.

Ed is editor of MARCO, the Medical Amateur Radio Council Newsletter, has kept the MARCO members informed and motivated to continue their humanitarian activities.

Phillip Ferrell, K7PF, an amateur for 44 years has garnered the 1995 Technical Excellence Award. K7PF retired from Boeing and developed a technique in which transmitters can be fingerprinted. Phillip explains that this technicque was born out of necessity.

"We had a local, genuine gun carrying amateur extra psychopath here in the area back in the 70's. An he had a little cadre of malcontent that he put together and basically jammed the major wide area repeaters in our area here just into submission." K7PF

The K7PF technique identified the turn on transient that is unique to each transmitter. This technique of identifying transmitter fingerprints has greatly enhanced the ability of amateurs and the FCC to locate problem transmitters.

Hamvention awards will be presented at the Grand Banquet to be held at the Dayton Convention Center located in downtown Dayton, Ohio on Saturday evening April the 29th.

(*****
HAM RADIO AND MORE ANNIVERSARY

"Ham Radio and More", the nationally syndicated radio program about Amateur Radio celebrates it's 4th anniversary on Sunday April 23rd. The show's creator and host, Len Winkler, KB7LPW says that he wants to thank each and every listener who has helped to make the program a success. Winkler says that it is the listeners interest in the show and their continued efforts in getting stations to air "Ham Radio and More" that has brought the success. Without their support says KB7LPW, "Ham Radio & More" could not exist.
For more information on the show, or to find out how to get

the show aired in your community, write Ham Radio and More, 4800 North Central, Phoenix, Arizona 85012. Mark the envelope attention Len Winkler, KB7LPW.
By the way, Len tells Newsline that he has just hit 32 stations now carrying the program. He also plans to originate live from Dayton on Hamvention weekend. More on this, next week.

(*****
DAYTON VHF/UHF DINNER

In other Hamvention related news, WA8QNR reports via packet that reservations are being accepted for the 1995 VHF Dinner to be held on Friday night, April 28th, during the Dayton Hamvention weekend. This dinner is aimed at Weak Signal VHF/UHF Operators and as usual will be held at the Barnsider Restaurant near the Hara Arena. The number of seats are limited, so please reserve a spot please by contacting Bryan Snyder, WA8MZQ, 4415 Holiday Lane, Bellefontaine, Ohio 43311.

(*****
NEW SPANISH RADIO CLUB IN CHICAGO

Chicago has a new Spanish speaking Amateur Radio club. KB9ISW says that the Acciacion Iberoamericana de Radio Aficionados now has a weekly information net on Saturdays on 14.240 MHz at 19:00 UTC, and everyone is welcome.
Also, if you are planning a trip to the Windy City the group also sponsors a local daily net on VHF on 146.460 simplex at 02:00 UTC. They also plan to put up the first Spanish speaking UHF repeater in the Chicago on the 444.825 and 449.825 channel pair. The access tone will be 114.8 hertz.

(*****
FUND ADMINISTRATORS REPORT

And speaking about radio clubs, its time to recognize some of them who have helped keep Newsline on the air this past month and, hopefully, for months to come.
Salt Lake City, Utah begins the Newsline Support Fund report for February where we heard from Linda Reader and Chris Levin. Lt. Colonel John Bash, KG7HL wrote us from Tucson and we heard from Kenneth Covey, W0ZQJ from Moorhead, MN. We also heard from Seymour Field, KB9IKO of Park Forrest, Il and the Muncie, IN Area Amateur Radio Club. Finally from the Golden State we heard from Allan L. Gieger, KG6FBN and N6LNX of Huntington Beach, Bruce Johnston, NK6C of Oakdale, Robert Biggers, KE6ASD of Whitier, Betty Ann Casono, KB6GBU of Shasta Lake, Jim Walls, WB6WMW of Glendora, the Gears Radio Club of Chino and the Sanoma County Radio Amateurs of Santa Rosa. A BIG thanks also to the Antelope Valley Amateur Radio Club K6OX, many of whom we met at their club meeting last month. Remember the clubs who support us, with the Club name, repeater callsign and service area get a mention during

the newscast id break.

(*****
DX: IOTA CONVENTION

In DX, I0JQJ reports that the Fifth annual Islands On The Air Convention, organized by the Associazione Radioamatori Italiani will be held in Bologna, Italy from October 13th to the 15th. For more information write to Mauro Pregliasco, I0JQJ, the IOTA Country Assistant for Italy at his Callbook address.

(*****
NAB HAM RADIO GATHERING

And finally, this note for hams planning to attend the upcoming National Association of Broadcasters Convention in Las Vegas from April 8th to the 13th. Word that the annual NAB Ham Radio Reception will be held after all. Its scheduled for 6 PM on the evening of Wednesday April the 12th at the convention site hotel. Watch for postings or check with the on-site information service to find out in which meeting room it will be held. Hope to see some of you at NAB '95.

(*****

And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

Newsline
P.O.Box 660937
Arcadia, California
91066

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--

4179. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:15:06 UTC
From: zlau@arrl.org
Message-ID: <1995Mar27.141506.19955@arrl.org>
Source record: 249835

N1OOQ Tom Randolph (randolph@est.enet.dec.com) wrote:

: Hey, I could put it on a scope and measure it if those guys really want, but I
: have no reason to believe my wattmeter is that far off... SWR is < 1.1:1,
: (into 60 ft. of dummy lo... er, um, coax) so nothing funny going on.

What sort of scope do you have that can accurately measure the
power of a 70 cm signal? Even our Tektronix 485 doesn't do a
good job up there. Normally, I use a HP wattmeter and a calibrated
attenuator.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4180. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:21:56 UTC
From: zlau@arrl.org
Message-ID: <1995Mar27.142156.20215@arrl.org>
Source record: 249836

```
: In article <3k0cir$10s@newsbf02.news.aol.com>, krisn3rqt@aol.com (Kris N3RQT) writes:
: >My rig (a TS850) gives me the choice of using "Full Breakin",
: >"Semi-Breakin", or
: >no breakin at all by just putting the rig in send mode.
: >
: >Is one less hard on the rig than the others?

If a radio uses relays, full break-in results in more relay
cyles. This may be a problem. For instance lifetime of
expensive vacuum relays used in high power amplifiers is on
the order of 1 to 10 million cycles. For some stations, this
could mean a lifetime of only two years.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz
```

4181. old vert ant

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:32:18 UTC
From: jstroppe@franklin.uhl.uiowa.edu
Message-ID: <3l6i9i$837@nexus.uiowa.edu>
Source record: 249840

Does anyone have the lengths for an old (model ATV 3 band I think)
vert ant, and where the cap. hat goes, below or above the
20 meter trap. The tubing is all one diameter about 1 inch. I had this
in storage and can't find the info on it. John WA0VYZ
jstroppe@franklin.uhl.uiowa.edu Thanks

4182. Re: Attn: Toyota Camry Owners

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:41:14 UTC
From: dabloodgod@aol.com
Message-ID: <3l6iqa$g4t@newsbf02.news.aol.com>
Source record: 249837

I mount my yaesu 5100 temporarily by removing the non-functional ash-tray like plastic insert from the front of the center console. I then take a piece of steel (1" x 5" or so) - which just fits inside the hole, and bolt the mobile mounting bracket to the piece of steel. The radio then snaps in very nicely.

Its a little tricky to do the bolting - but Ive never dropped the nut or bolts.

I routed power cables along side the console, under the plastic - so they can't be seen.

I think I read that Toyota has a service note for operating radios in their cars - you might check with the dealer.

BTW - Ive got a 1992 V6 Camry, w / automatic.

4183. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:45:41 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.9240.796319250.drayegon@drayegon.america.com>
Source record: 249872

> Is this true also of CW?
Last I checked talk in my dictionary meant to comunicate.

To bad it didn't teach me how to spell. HIHIHI

73 Ray AD4RR

4184. Re: Attn: Toyota Camry Owners

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:49:39 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796315779@melpar>
Source record: 249854

dleitch@freenet.columbus.oh.us (David Leitch) writes:

>I just purchased a used '93 Toyota Camry XLE this past weekend. Would
>like to hear from folks who have installed 2M or Dual Band radios in
>these vehicles. Questions:

<snip>

And I just purchased a new '95 Camry LE, so please *POST* all
replies. Thanks in advance,

Paul, K4MSG

4185. Re: Quote of California law on ham plates (was Re: Ham plates in

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:52:55 UTC
From: carndt@netcom.com
Message-ID: <carndtD63tC7.2xr@netcom.com>
Source record: 249838

In article <1995Mar24.181549.6533@nosc.mil> keating@nosc.mil (Roger Keating - KD6EFQ) writes:
>
>But Doesn't CA DMV disallow use of patterns which are similar to amateur
>radio callsigns for its vanity plates?
>
>I believe I heard from a pal who tried this but was rejected at the time
>of
>his application. An actual check or attempt would be more helpful than
>my speculation, I know.
>
>Roger Keating - KD6EFQ DM12jr
>keating@nosc.mil

Dad's experience was that the clerk tried to sell him vanity plates for his call sign. That's when we resorted to copying the Vehicle Code section to show the clerk. (And after THAT, the clerk still had to go ask for help...)

Chris KD6DSI

4186. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 14:58:37 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.16004.796320451.drayegon@drayegon.america.com>
Source record: 249874

This one is a really bad question. If you have passed your novice test you should know the answer. It is answered there as question(N1J08) FFC[97.405a] "You are allowed to help on a frequency outside your privlages in any way possible." also question N1J11 When may you send a distress signal on any frequency? "In a life-or property-threatening emergency."

Now lets get on to really important questions. Can a police officer arrest you and or confiscate your radio. Yes he can but he may have to give it back. The jury is still out on that one. ie: the supreme court.

What it boils down to is the loss of a radio worth the help and saftey to human life?

Mine is.

73 Ray AD4RR

4187. Sorry I forget

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:07:00 UTC
From: Merv.Cox@precision.chigate.com
Message-ID: <ba2_9503281130@chigate.fidonet.org>
Source record: 249967

I'll try again This should work.

73 Merv

OLXWin 1.00 # Press "+" to see another tagline.

4188. Re: learning CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:16:21 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3l6ks5$11re@info4.rus.uni-stuttgart.de>
Source record: 249941

>I'm learning CW for the my exam but I have a little problem.
>
>I'm reciving 15 wpm with no problem but when I increase it to 17 wpm
>I only recive somthing like 80%. Can someone tell me why and how can I
>change it.

Ziv,

Your problem is not so uncommon. *Everyone* has a certain speed,
at which he can't copy all anymore:-)

How to increase it? well, by practizing. A good idea is to allways
do your practizing at a speed where you only copy 80 %. This
way cou will learn the fastest.

Good Luck, Moritz DL5UH

4189. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:16:58 UTC
From: tigger@prairienet.org
Message-ID: <3l6kta$8di@vixen.cso.uiuc.edu>
Source record: 249839

In a previous article, mikech@hysteria.bri.hp.com (Mike Chaloner) says:

>
>Does one QSL to stations contacted in a contest?
>

Absolutely! I personally don't request a card from EVERYBODY I work in a contest, but I do receive LOTS of requests for my contest operating.

If I work an all-time new country for me, OF COURSE I'll QSL that station. I'll also QSL a station if they're a new country for me on a certain band or mode.

Example: This weekend, I worked an IT9 (Sicily). I've got several IT9's in my log, but this was on 160 meters. That's the first IT9 I've worked on 160 (Actually it's the first European I've worked on 160). You bet I'm sending him a card!

73,

Sean
--
Sean Kutzko Amateur Radio: KF9PL
Urbana, IL DXCC:305 worked/294 cfmd
"The advantage of E-mail is that it only
takes a few seconds to get rejected." --Garrison Keillor

4190. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:42:19 UTC
From: dara@physics.att.com
Message-ID: <D63vMJ.60F@nntpa.cb.att.com>
Source record: 249942

David Horak (horak@convex.com) wrote:

: This morning, I did some current measurements. At 12v, the HTX202 drew
: 1.25 amps and produced 8 watts. At 13v, it drew 1.4 amps and produced
: 9 watts. I did not try 13.8/14 because my supply won't go that high
: but I have observed 10 watts on my meter in the car. My guess is that
: the HT draws somewhere around 1.55 amps at 14v. To compare, my Alinco
: HT draws 1 amp and produces 5 watts. Theas measurements were taken with
: the HTs transmitting into a discone with an SWR of about 1.3. In my car,
: the SWR is about 1.2.

David: Those are safe operating currents. As long as you don't
exceed 1.7 Amps and you are getting more than 6 watts out, you
are within the rated values. Enjoy.

Shel WA2UBK

4191. Re: 40 meters: 3 Mhz wide?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:44:56 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796319096snz@g4kfk.demon.co.uk>
Source record: 249846

> > IARU President Dick Baldwin W1RU, reported on the Region 3
> > conference in Singapore. The IARU Secretariat's Administrative
> > Council met while in Singapore and firmed up the goal of obtaining a
> > full 3 Mhz of band for 40 metres on a world-wide allocation. According
> > to Mr. Hopwood this will require a lot of lobbying with ITU member
> > societies to make this happen.
>
> Is this a typo? A full 3 Mhz of band for 40 metres? You'd need a log periodic
> just to cover the 40m band! Can anyone at IARU confirm this IARU goal?

Presumeably they mean 0.3 MHz, in order that us poor sods in Region 1 can
have the same as you lucky bleeders in Region 2!

Unfortunately the 7.1 to 7.3 portion of the band is currently full of Radio
Moscow over here.

Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4192. Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:51:14 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796319474snz@g4kfk.demon.co.uk>
Source record: 249844

Hi Michael,

> I recall its origin as a broadcast improvement over FM. The way it
> was arrived at was overdrive the FM output amplifier so that it
> would be heavily clipped in essence transforming the originally
> frequency modlulated carrier into a variable width pulse modulated
> carrier (PCM).

My understanding was that PCM was developed to save copper in telephone networks.

The telephone circuit is filtered to prevent anything above 4 KHz being digitised (to avoid aliasing), then sampled at 8 KHz with 2^8 bits (256). This gives rise to a 64 kbps bitstream, which can be multiplexed upwards to give 24 channels (as in North America and Japan) on a 1.544 Mbps stream (aka T1) or 32 channels (as in Europe) on a 2.048 Mbps stream (aka E1). In reality the synchronisation and signalling system used on E1 reduces it to 30 channels.

I think you're talking about PWM, which is something very different.

Cheers,
Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4193. Re: LARCFEST '95 is coming April 1

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:54:27 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796319667snz@g4kfk.demon.co.uk>
Source record: 249845
Cross-posted to: co.ads,co.general,rec.radio.amateur.misc,rec.radio.swap

> Reservation can be made by sending a check to:
>
> L.A.R.C.
> P.O. Box 86
> Longmont, CO 80502-0086

If I were you, I'd think very seriously about changing your name. You might be mistaken for the Lambda Amateur Radio Club (see QSL March 95 page 208)! :-)

73
Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4194. learning CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:55:39 UTC
From: pollack ziv <pollack@black.bgu.ac.il>
Message-ID: <1995Mar27.155539.1466@vms.huji.ac.il>
Source record: 249939

Hi,
I'm learning CW for the my exam but I have a little problem.

I'm reciving 15 wpm with no problem but when I increase it to 17 wpm
I only recive somthing like 80%. Can someone tell me why and how can I
change it.

Tnks & 73

+---+
Ziv Pollak	" There must be a
Ben Gurion University, Israel	better way to start
E-mail: pollack@black.bgu.ac.il	the day than to wake
Ham Radio Call sign: 4Z9ACH	up in the morning. "
+---+
| Check out my new home page at: |
| http://www.cs.bgu.ac.il/~pollack |
+---+

4195. Re: Qth for aj7/jk2voc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 15:57:52 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796320325.AA00881@hamlink.mn.org>
Source record: 249914

WW>
WW>Can someone provide a location for AJ7/JK2VOC. He's apparently an
WW>operation in the WPX SSB test this weekend. TIA for any help.
WW>
WW>Bill Feidt
WW>

Hi Bill,

AJ7 is not a good prefix. Could it have been 8J7? That sounds
more likely -- one of the offshore JA prefictures.

73, de Hans, K0HB

4196. Re: Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:01:18 UTC
From: nw2l@aol.com
Message-ID: <3l6nge$gss@newsbf02.news.aol.com>
Source record: 249842

>>How about the more general question: anyone, licensed or not,
may talk on the mike of an amateur station, provided the
station is under the control of a properly licensed operator.

Is this true also of CW? I.e., may an unlicensed person operate
the key of an amateur station provided the properly licensed
operator in control of the station is present?<<

Yes - provided, of course, that the person knows how to send Morse Code,
and (same rule as for voice) that the contact is domestic or with a
station in a country with which the US has a third-party agreement, since
a non-licensed person at the mic or key is considered a 3rd party.

73,
Rich Moseson, NW2L

4197. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:01:18 UTC
From: csle87@email.mot.com
Message-ID: <csle87-270395110119@145.39.1.10>
Source record: 249847

In article <1995Mar25.105914.3542@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey) writes:
> >
> >Our club's repeater has fried it's final amplifier. It's a Micor and the
> >transistors are $40 each list from Motorola (six of them). We've heard
> >there are more reasonable civilian parts that are subs for the finals.
> >Does anyone have a source for these or know what the 2nxxx numbers are?
> >The Motorola parts are:
> > M1134 (finals, four of these)
> > M1133 (drivers, two of these)
> > M1132 (predriver, one)
>
> I can't help with equivalent parts, but I'd like to point out that
> you can often find entire Micors for under $50. It makes sense to
> just buy a radio and swap out the entire PA deck rather than try
> to repair one as extensively damaged as yours.
>
> Gary
>
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

Just be sure you are buying the CONTINUOUS DUTY power amp and not the one in the mobiles. The continuous duty versions use different heat sinks, micro-strips, and RF parasitic suppressor components depending on the specific sub-band. The mobile intermittent duty versions were not designed for high duty cycle use. They can easily go unstable if keyed for more than five minutes at a time at more than 40% of full power.
Also, check those transistor part numbers one more time. They don't agree with the numbers shown in any of the service manuals in my reference library for LB, HB, or UHF!

--

Karl Beckman, P.E. WA8NVW < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
If you agree with the opinions expressed, they're mine. If not, who cares?

4198. US QSL manager for FR5DX?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:02:34 UTC
From: dara@physics.att.com
Message-ID: <D63wKA.73n@nntpa.cb.att.com>
Source record: 249878

```
According to the IK4LZH Web, W8AH is the qsl manager for
FR5DX. That info was dated 1991. Is that still the case?
Shel WA2UBK dara@physics.att.com
```

4199. Re: IS THERE A WASH DC 2 METER REPEATER FOR HANDYTALKIES?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:06:17 UTC
From: nw2l@aol.com
Message-ID: <3l6npp$guo@newsbf02.news.aol.com>
Source record: 249843

There is a wide-coverage 2-meter repeater in Jessup, MD (halfway between Washington & Baltimore) with a remote receive site on Capitol Hill. It's on 146.76 MHz (transmit on 146.16). I've worked through that machine into Philadelphia while standing in front of the Supreme Court with an HT. There's also the AMSAT repeater on 146.85 and depending on where you are, you might be able to hit two popular Northern Virginia repeaters on 146.79 and 146.91.

Have a good trip and 73,
Rich Moseson, NW2L

4200. Re: Help: with automobile RFI problem

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:16:25 UTC
From: csle87@email.mot.com
Message-ID: <csle87-270395111626@145.39.1.10>
Source record: 249851

In article <pW-4+vp.brunelli_pc@delphi.com>, brunelli_pc@delphi.com wrote:

>
>
> I am having the following noise problem with a mobile installation.
> Any suggestions regarding finding or eliminating the problem would
> be greatly appreciated. The car is a 1991 Isuzu Trooper and the
> rig is a Ten Tec Triton 4, and a Kenwood ts430. The antenna is an
> Outbacker Perth mounted on the spare tire carrier on the rear door.
>
> I get a s5+ static noise while the engine is running.
> It goes away when the antenna is disconnected.
> It does NOT change pitch or volume with load or RPM.
> I have grounded the hood, engine, rear door, exhaust, and radio.
> I have not received interference from passing vehicles.
>
> It seems that the noise is related to the ignition system
> and i am checking with Isuzu regarding resistor wires or
> shielded wires.
>
> reply here or via e-mail
>
> thanks,
>
> Pete Brunelli N1QDQ
> brunelli_pc@delphi.com
>
>

Since the noise does NOT change pitch with engine speed, it is highly
unlikely that it is coming from the ignition itself. More likely the cause
is spray from the clock of the microprocessor that controls the various
related functions. Check to see if they offer a SHIELDED ignition control
module and claim that it should be installed at no cost to you.

--

Karl Beckman, P.E. WA8NVW < The difference between stupidity and >
Motorola LMPS - Fixed Data < genius is that genius has its limits. >
If you agree with the opinions expressed, they're mine. If not, who cares?

4201. WANTED: Diamond 400M mobile mount

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:30:47 UTC
From: bildin@dorsai.org
Message-ID: <D63xvB.19n@dorsai.org>
Source record: 249849

I am looking for a used Diamond 400M mobile trunk lid mount. Please respond either by my e-mail address. Thanks! 73, BILL

--
BILL HINDIN (AA2TF)

INTERNET: BILDIN@DORSAI.ORG

VOICE: (212) 222-3664

"Captain, the crystals....."

4202. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:31:51 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2703951131510001@m14494-mac.mitre.org>
Source record: 249852

Going from 5 to 10 watts may sound like a lot, but it's only 1/2 of an "S" unit at the receiving end, all other things being equal. I'm not sure I'd fry my finals just to go from S-8 to S-8.5.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4203. Hams on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:37:27 UTC
From: afn01115@usenet.freenet.ufl.edu
Message-ID: <3l6pk7$1c4b@freenet3.freenet.ufl.edu>
Source record: 249848

There is, or was, a site or list of hams on the Internet. As I recall, the list is compiled by a program that looks for callsigns in people's signatures who post to rec.radio.amateur.*. I have not seen this listed posted in some time, neither here or alt.answers. Does anybody know where I can find this list/site? Thank you.

--
Steven King afn01115@freenet.ufl.edu | "I have never really understood the
ICBM: 29N 41' 26" / 82W 21' 17" | rationale behind sports...which
http://www.freenet.ufl.edu/~afn01115 | all seem like exhausting new ways of
http://www.freenet.ufl.edu/~gars | getting injured while sweating." -LGW

4204. Re: Ham plates in California

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:42:19 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3l6ptb$n4j@hacgate2.hac.com>
Source record: 249850

In article 3DE@news.hawaii.edu, jeffrey@math.hawaii.edu (NH6IL) writes:
|Bill Langton <blangton@sierra.net> writes:
|
|>You can only have one set of plates for any given vehicle in
|>California. You can apply for a similar vanity plate for a
|>second vehicle: ie - a friend is K6EIK and has call plates on one
|>of his vehicles and has K6EIK 1 as a vanity plate on another of
|>his vehicles. Of course, the vanity plates cost more and
|>include a yearly fee in addition to the fee for the initial
|>plates. I hope this answers your question...whoever you were!!
|
|
|Why not try to apply for a second ham (not vanity) plate written,
|for example, K6EIK/6? That is certainly a lawful amateur callsign,
|and is very appropriate since you're operating `portable' while in
|your car. <Uh oh, here come the flames: "Mobile is not portable!">
|
|The CA DMV might need a bit of convincing, though.
|
|
|Jeff NH6IL (who used to have WA6QIJ plates on a green VW bug)

Unfortunately, the form you fill out doesn't have a space for you
to indicate what you want on the plate. The get your call sign
from the copy of your unexpired FCC license, which must accompany
the form. Also, the form specifically states that only one set
of plates may be obtained. I remember someone saying that this
means that if the plates are lost or stolen, you can not get
another set of CA plates with the same call sign!

-Brian

4205. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:47:26 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD63yn2.4Hu@netcom.com>
Source record: 249860

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
S

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

4206. Azymuthical bearings software

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:57:32 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <D63z3x.3Mo@zimmer.CSUFresno.EDU>
Source record: 249864

Hi there!

I am looking for a ms-dos software that gives me azymuthical bearings
based on call letter prefixes. Is there such a think on the net?

Thanks

Rafael (KE6JSR)

4207. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 16:59:29 UTC
From: suggs@tcville.es.hac.com
Message-ID: <3l6qth$n4j@hacgate2.hac.com>
Source record: 249853

In article 8r6@news1.databank.com, jackl@pinetree.microserve.com (WB3U) writes:
|>Jeff,
|> The issue being addressed here was whether an officer of the law
|>would have any grounds for confiscating a radio that you have modified.
|>If you have followed the entire thread, you know that the above statement
|>is not as ridiculous as your out of context quote tries to make it appear.
|>
|>I stand by my statement that making such modifications, as with building
|>a radio from scratch, is not illegal. I have never disputed that you are
|>then responsible for ensuring part 15 compliance, should you choose to
|>operate it.
|>
|>-Brian
|>
|
|Hi Brian:
|
|I agree with you, except for one thing. I don't find a requirement in CFR 47 for
|compliance with part 15, except as it applies to the original manufacturer of the
|product. Nor do I find anything that states that equipment operated by a ham
|must meet this particular section of the rules.

You may be right, as I have never even seen the full CFR 47, much less studied all
of it. My understanding, however, was that anyone (being a "ham" has nothing to
do with it) operating a device that could interfere with other radio transmissions
was responsible for part 15 compliance. In other words, if your desktop computer
is causing interference to someones radio communications, you are responsible for
fixing the problem, or shutting it off.

|In other words, I believe the only requirement for meeting part 15 falls on the
|original commercial manufacturer, and that otherwise, the operator is responsible
|only to insure that his equipment meets specifications for spurious and such items
|listed in other parts of the Rules.

I thought part 15 was the part that would cover an unintentional radiator (I believe
that is the term) that you might build yourself, such as a radio receiver.

|A piece of commercial equipment which is proven to be in violation of part 15 carries
|the possibility of punitive measures only for the original manufacturer, and only
|if it is proven that the violation is specifically due to a failure on his part.

Punitive measures are another issue! I never meant to imply that you would be fined
or jailed for exceeding part 15 standards, only that you may be asked to fix your
equipment or turn it off.

|Let me know if you believe this is incorrect.

You seem to know more about it than I do!

-Brian

4208. Gap Challenger Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 17:30:55 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503271130.ZM13574@SALCIUS2>
Source record: 249862
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

FOR SALE: GAP Challenger DX-VIII antenna
HF vertical, 33 ft. high
Covers 80, 40, 20, 15, 12, 10, 6, 2 meters
Bandwidth: entire band on 40 thru 2 m., 90 kHz on 80 m.
I will include 3 (required) 25 ft. 14 ga. radial wires
Works great on 40 meters
Works well on 20 meters
As good as any other short antenna on 80 meters
Receives RS satellites well on 10 meters
Works best when ground mounted (don't ask me why!)
1 1/2 years old. Good condition, with all documentation

Asking $175 will ship UPS

Wayne Estes WD5FFH 708-566-6521 wayne@csg.mot.com

4209. Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 18:05:00 UTC
From: tom.alldread@kbsbbs.com
Message-ID: <95032718204419322@kbsbbs.com>
Source record: 249947

A>I am having a very interesting exchange in alt.video.laserdisc
>about Pulse Code Modulation.

A>I recall its origin as a broadcast improvement over FM. The way it
>was arrived at was overdrive the FM output amplifier so that it
>would be heavily clipped in essence transforming the originally
>frequency modlulated carrier into a variable width pulse modulated
>carrier (PCM).

Greetings:

I have had experience with a few different PCM systems. They all worked on the principle of sampling the audio at regular intervals and conversion to a digital word with some form of an A-D convertor. A digital CODEC was used to provide finer quantizing steps for lower level samples for signal to quantization noise considerations. I do not understand how you can generate PCM by simply over driving an FM amplifier. This might produce a form of PWM (pulse width modulation) which is a type of analog modulation which is much different than digital PCM that carries the audio in the form of a serial bit stream of binary words.

73 de VE7TMA

---
* QMPro 1.53 * Very Best Regards, tom.alldread@kbsbbs.com

4210. Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 18:26:29 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3l700l$ncu@acme.freenet.columbus.oh.us>
Source record: 249865

Bill Sohl Budd Lake (billsohl@earth.planet.net) wrote:
: I just noticed the new 2 meter mobile being offered by
: Radio Shack (Model #HTX212, list $349.99). Power is
: 45 watts. Their ad on page 160 of April QST does not
: indicate if the receive capability is strictly the 2m
: ham band or if it has an extended receive capability.

<snip>
If it makes a difference to u or not, the transmit starts
at 144.6 not 144.0 (being not much FM, if any, is below 144.6), does it
matter?

joe

--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Emergency Coordinator (EC) & Local Govt Liaison (LGL)
Pickaway County, OH and Official Relay Station (ORS) (yes I'm busy),
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

4211. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 18:36:07 UTC
From: jamescs@mail.auburn.edu
Message-ID: <D643o8.FMB@mail.auburn.edu>
Source record: 249867

Bill Feidt (wfeidt@cpcug.org) wrote: : Can someone provide a location for AJ7/JK2VOC. He's apparently an : operation in the WPX SSB test this weekend. TIA for any help.

There was also a aj7/jr3... something that I worked and I was wondering where he is too. I mean aj is an American prefix to my knoledge. I am pretty sure but hey I might be wrong. :)

--
\/\/\/

4212. Re: Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 18:56:05 UTC
From: brian@nothing.ucsd.edu
Message-ID: <3l71o5$1ul@network.ucsd.edu>
Source record: 249866
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <1995Mar23.163930.26453@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>it bends nearly flat in heavy winds,

A short piece of PVC from the tower to the top of the Comet will keep it from whipping around quite so much - assuming your antenna is side mounted. It doesn't seem to affect the pattern or gain.
- Brian

4213. How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 19:13:03 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <3l72nv$nu9@legba.synergy.net>
Source record: 249950

I recently passwd my Tech+ exam (3/23), and I'm curious how long it will take before I can call the FCC, get my call and go on the air.

Any recent experiences?

Thanks.

--
Matt C. Brinkhoff (mbrinkho@inetnebr.com)
Lincoln, Nebraska

4214. Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 19:17:42 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796331862@melpar>
Source record: 249951

Mike@g4kfk.demon.co.uk (Mike Gathergood) writes:

>> I recall its origin as a broadcast improvement over FM. The way it
>> was arrived at was overdrive the FM output amplifier so that it
>> would be heavily clipped in essence transforming the originally
>> frequency modlulated carrier into a variable width pulse modulated
>> carrier (PCM).

PCM stands for *pulse-code modulation* and is not the same as other
forms referred to generically as pulse modulation (including pulse
amplitude modulation (PAM), pulse width modulation (PWM), and pulse
duration modultion (PDM)).

PCM involves the conversion of a waveform from analog to digital
form by means of coding; it is a *true digital process*, unlike
the pulse modulation schemes. The encoding process is described quite
well in "Handbook of Electronic Communication Systems" by Gary M. Miller
(Prentice-Hall, 1979), and involves a set of amplitude levels and sampling timeswith the
former referred to as *quantizing* levels. At each sampling
interval the analog signal amplitude is quantized into the closest
available quantization level, so the A/D converter outputs a series of
pulses representing that level. For television picture transmission, 8-bit
quantiztion level and a 10 MHz sampling rate produce excellent fidelity TV.

PCM is the most noise-resistant type of transmission system, and lends
itself quite well to TDM (time-division multiplexing). Due to its true
digital nature, it is very adaptable to microprocessor-controlled comms
equipment and to the transmission of digital data. It is the preferred
(and most common) method for relaying live TV transmissions to all parts of
the country. Since each reamplification (in a repeater, say) can only
aggravate the S/N ratio, it is critical to use the most noise-immune
system possible, and this is where PCM shines best; it can be theoretically
shown that a 21 dB S/N can be repeated indefinitely without degradation
using PCM.

One example of PCM use in a complex structure is to have NB channels
pulse-encoded and used to amplitude-modulate a subcarrier, which is then
converted to SSB. Single WB channels may also be converted to SSB as
well, with all the SSB signals fed to a adder/amplifier and thence to
a FM modulator to frequency-modulate the main carrier. Such a cheme
(oops!) scheme would be called PCM/SSB/FM, but there are many other
combinations which can (and have) been used.

73,

Paul, K4MSG

* *
* Paul H. Bock, Jr. Principal Systems Engineer *
* E-Systems/Melpar Div. Internet: pbock@melpar.esys.com *
* Falls Church, VA Telephone: (703) 560-5000 x2062 *
* *
* Given two waiting lines of equal length and a 50/50 *
* chance of choosing the fastest moving one, you will *
* choose the slower one 80% of the time. *
* *

4215. Re: Out-of-band emergency calls

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 19:38:46 UTC
From: km6xu@calon.com
Message-ID: <3l7486$ng1@news.wco.com>
Source record: 249880

jeffrey@math.hawaii.edu wrote:

: I've followed this ridiculous thread for at least 2 1/2 years. Rather
: than trying to find loopholes in the law so you can satisfy this inner
: desire to have a police-capable radio, why not instead arm yourself
: with a repeater directory and a cell phone?

Hi Jeff. Isn't the issue here what to do if conventional means
of communication (ham radio repeater, cell cite, etc.) are not
at all available? I don't think that any sane person would
disagree that these should be used if at all possible. There
are still a lot of areas where no cellular coverage exists.
Also, some folks don't have cellular phones.

I never thought that I would ever have to use a radio out of band
until the big fire in Oakland, California in October 1991. But I
did. I was monitoring a lot of communications, and I found that
the Red Cross was about to send two of their non-fire personnel
up a canyon that was soon to be ungulfed by the fire, all because
they had confused the Claremont County Club with Country Club
Drive. I nervously keyed up and identified myself as an amateur
radio operator, informed them of their confusion, and was asked
to stand by. After they checked their maps, they thanked me very
graciously as they had discovered their mistake just as their two
people were about to leave. That one time I was glad that I had
sucked the diode in question out of my little Yaesu FT-470...

: Jeff NH6IL (who carries a 200W 162.55 MHz transmitter with 1050 Hz
: tone encoder with him so he can activate all weather radios within
: a 20 mile radius `just in case'.)

I'm relieved that you maintain your good sense of humor over this.
Also, don't forget 162.400 MHz, just in case. :-)

--
***** Mark Walsh ***** km6xu@calon.com ***** km6xu@kc6pjw ***** L10861 *****

4216. HamRadio '95 - Atlanta - April 7/8/9

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 20:31:17 UTC
From: Jim Stafford-W4QO <w4qo@america.net>
Message-ID: <Pine.SV4.3.91.950327153027.17151A-100000@atl1.america.net>
Source record: 249870

A new hamfest called HamRadio 95 is coming to Atlanta on April 7-8-9,1995. To be held at the North Atlanta Trade Center off I-85 and Indian Trail, the show promises to be a good one with all the big major commercial exhibitors in attendance on Saturday and Sunday. Hundreds of flea market spaces will open at noon on Friday.

To be held concurrently will be DXPO 95, a DXers delight sponsored by the Southeastern DX Club. A full track of forum speakers includes Al Hernandez, VP8SGP who has just have returned from South Georgia Island. Tony DePrato, WA4JQS, of the Peter I expedition and many other famous DXers will be speaking and in attendance. A DXPO hospitality room will be open for business at 8 PM Saturday. A DX Breakfast will start at 8:30 AM on Sunday at Shoney's with Bill Moore of the ARRL DX desk as the speaker.

Bob Grove will be a featured speaker at a Saturday SWL forum. Other forums include a QRP forum with Paul Carr, N4PC, CQ author, and Packet with Buck Rogers, K4ABT, also of CQ fame. This convention will host a number of representatives from the ARRL including Rick Palms and Frank Butler. A section called the Radio Zone will be for youth and will feature Cynthia Wall, KA7ITT, author of Night Signals. Don Miller, W9NTP, will be the featured speaker at the ATV forum on Saturday afternoon.

QCWA, SERA, MARS, the FCC, ATV, and the SE Antique Radio Society will also be topics of discussion and presentation. For further information, call 404-518-7376 or fax 404-642-9035. Dogwoods are in bloom, so join us for HamRadio 95!

73/72/jim/w4qo

4217. Thanks for the help

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 20:34:28 UTC
From: wakko@lamar.colostate.edu
Message-ID: <3l77gk$1bga@yuma.ACNS.ColoState.EDU>
Source record: 249868

I just wanted to thank everyone who mailed me with
the mods I asked for. The were all expediciously handled.
Thanks again.

73's

Al
KB0PYY

4218. Marymac phone number?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 20:58:50 UTC
From: o10022@a81.corp.mot.com
Message-ID: <1995Mar27.205850.4600@schbbs.mot.com>
Source record: 249873

Could someone please send me (email) the phone number for Marymac?
Thanks.

73
Tony KC7HDT

4219. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 21:09:42 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3l79im$7h0@portal.gmu.edu>
Source record: 249879

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: In article <3l62s0$9te@hermes.unt.edu>,
: cmj0001@jove.acs.unt.edu (Christopher Mark Johnson) writes:

: |> I'm a tech no-code and have been for about a year. I think it was a
: |> good idea for those of us that are very busy, but still want to get
: |> into ham radio....I was (am) in college, so I didn't have much time to
: |> study for the code.

: Actually, they should have named the license class the
: Codeless "I always have an excuse not to do the code" Technician.

: You found time to study the theory, didn't you?

I can't speak for the gentleman your responding to, but for myself...
There is no way I could learn code in the fifteen minutes I spent to study
the theory for a tech no-code license. Let's face it, the only thing that
doesn't come inherent in a set of good tehcnical know how is the rules and
laws. Those took about fifteen minutes total. Everything else on the
test was pretty straight forward.
I wasn't alone on this. The other person I took the test with
studied the rules for about 15 minutes in the parking lot. He had enough
of the other stuff from his bachelor degree to pass the rest of the exam.
This has also been true for most of the engineering students from here
that have gotten their no-code licenses(under an hour or two total).
Code and HF just doesn't interest us. Maybe there should be two
set of incentive tests. Code and theory for HF privleges, and extra theory
for UHF and above privs. This way I don't have to learn code, and an
incentive plan would exist that I would be interested in.

73,

Shawn
KE4GHS

4220. Re: Ham radio banned at S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 21:36:25 UTC
From: tmill493@bssbbs.com
Message-ID: <eV6m3c1w165w@bssbbs.com>
Source record: 249890

dhubbell@sfsu.edu (Daniel Hubbell) writes:

> In article <950324100021683@digcir.cts.com>, ej.johnson@digcir.cts.com (Ej
> Johnson) wrote:
>
> >
> > Tuck, I wrote this guy also, I told him I have never had anyone say yea
> > or nay to my ht at any theme park, let me know what the WAP says also
> > If I can help out (letter writing and such) let me know!
> >
> I'm going to Disneyland next weekend. Do they have a problem with ht's? I
> was planning on bringing mine.
>
> --
> Daniel Hubbell - Resident Assistant
> San Francisco State University dhubbell@sfsu.edu

I have been to Disneyland several times, and have never had any trouble
bring my ht in. In fact there is a disney repeater. I believe it is
146.940, but sorry don't have the pl right off. I am sure someone is
lurking that can bring it up in a heartbeat. 73
Tuck

4221. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 21:46:29 UTC
From: sefranek@iii1.iii.net
Message-ID: <3l7bo8$803@iii1.iii.net>
Source record: 249876

Shucks Al,
My guess is you haven't listened to HF lately (Like the last 10 years...) The LIDS are already there! And NOT just on voice, either! Am I advocating giving up? NO, but it's time to take our band (s) back! How??? Elmer a "suposed" (sorry) old ham, let the light of day into an otherwise comfortable OF. Folks with PHD's should be good for that!

(Come on over and help me too!)

(Too bad I don't live closer to K1MAN!)

Tom

--
Thomas C. J. Sefranek WA1RHP

4222. Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 21:49:44 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Mar27.134944.1@vax.sonoma.edu>
Source record: 249875

In article <3l700l$ncu@acme.freenet.columbus.oh.us>, jtesta@freenet.columbus.oh.us (Joseph Testa) writes:
> Bill Sohl Budd Lake (billsohl@earth.planet.net) wrote:
> : I just noticed the new 2 meter mobile being offered by
> : Radio Shack (Model #HTX212, list $349.99). Power is
> : 45 watts. Their ad on page 160 of April QST does not
> : indicate if the receive capability is strictly the 2m
> : ham band or if it has an extended receive capability.
>
> <snip>
> If it makes a difference to u or not, the transmit starts
> at 144.6 not 144.0 (being not much FM, if any, is below 144.6), does it
> matter?

So can we figure that it will not be operable on say, 145.110 (down .600)? The input would be at 144.510. If the HTX212 doesn't transmit below 144.6, I guess people who use a repeater on 145.11 are SOL.

Ken

Ken Harrison harrisok@sonoma.edu Ham: N6MHG
~~~~~~
"Money is better than poverty, if only for financial reasons." -- Woody Allen
~~~~~~

4223. Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 22:10:00 UTC
From: fletcher@moho.uwyo.EDU
Message-ID: <199503272219.OAA03245@UCSD.EDU>
Source record: 249881

This is a request for any information having to do with any current or known upcoming proposals -to- or -by- the FCC with regard to specific licensing of amateur stations in repeater service.

I have in front of me a form ostensibly sanctioned by the Mid-America Coordination Council (an organization I have never heard of). In the first paragraph a vague reference is made to "possible FCC regulatory proposals". The second paragraph cites the "proposal" (vaguely cited in the first paragraph) as justification for advising the providing of certain information to the applicable frequency coordination authority since it will be necessary for the operator of an amateur repeater to obtain an FCC amateur repeater license.

Thank you,
Reid, WB7CJO

Walter Reid Fletcher, WB7CJO Internet: Fletcher @ Moho.UWyo.Edu
Senior System Analyst/Facility Manager Fletcher @ Plains.UWyo.Edu
Department of Geology and Geophysics
University of Wyoming
Laramie, WY 82071 work 1-307-766-6227 home 1-307-742-0287

Are we all roadkill on the information highway? - Jeff Greenfield

4224. Re: Timewave dsp 9+ or mfj

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 22:19:11 UTC
From: sefranek@iii1.iii.net
Message-ID: <3l7dli$9sq@iii1.iii.net>
Source record: 249883

Folks!

This was a test!

It was a SERIOUS posting from Dave,
(Of the Dave, Dave, and Bubbles show fame!)

Incidently, for you folks who suspected Dave...

Your right!

Tom

--
Thomas C. J. Sefranek WA1RHP

4225. Balloon Launch April 8 - Wisconsin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 22:44:34 UTC
From: djmullen@facstaff.wisc.edu
Message-ID: <3l7f4i$2c6@news.doit.wisc.edu>
Source record: 249887

The Badger Amateur Radio Society and the High Altitude Radio Project
announce
The Launch of the BARS 1 Weather Balloon

Launch Date: Saturday, April 8, 1995 (Rain dates April 9 and Easter Weekend)
Launch Time: 9:00 - 10:00 AM CDT (14:00 - 15:00 UT)
Launch Site: Hillsboro, Wisconsin (About 20 miles W. of Wisconsin Dells)

ATV transmit freq: 439.25 3 watts Color
GPS/APRS Packet TX: 441.05 2 watts 1200 baud packet
Cross-Band Repeater Output: 439.25 3 watts FM (Same as ATV output)
Cross-Band Repeater Input: Two Meters - frequency to be announced.

Note that the crossband repeater output and the ATV transmitter are on the same frequency. The ATV transmitter's carrier is FM Modulated with the voice signal. The voice and TV signals don't interfere with each other.

This flight will be BARS' entry in the 1995 University of Wisconsin Engineering Expo, a bi-annual display of student engineering prowess that is scheduled for April 21-23 on the University of Wisconsin, Madison campus.

This will be a weather balloon carrying a color TV camera, an ATV transmitter and a crossband voice repeater. The balloon will also carry a Global Positioning Receiver and a packet transmitter that sends lattitude, longitude and altitude in a format that can be used by the APRS packet program to draw a map and plot the balloon's position on it. This will be a standard ASCII packet signal and people without the APRS program can read the balloon's position directly with their regular packet gear. No connects or digipeating through the balloon will be possible.

After the flight, the payload and video tapes of the balloon signals will be displayed at the University of Wisconsin's Engineering Expo, which runs from April 21-23 (the weekend after Easter).

The winds aloft are quite vigorous at this time of the year. Typical wind speeds reach 40 to 100 miles per hour or higher. If the winds are heavy on launch day, we'll try to keep the maximum altitude down to about 50,000 ft to keep the balloon from landing in Lake Michigan. If winds are light, we'll go for 100,000 feet.

Balloon chasers are very much wanted and everybody is invited to join the chase. You don't really need any DF equipment - if you're a hunter with a good pair of boots, you may be worth your weight in gold if the balloon lands in a bad location. People who can climb trees may be just as valuable.

The launch will be announced on the Baraboo 146.88 repeater the morning of April 8th. We expect to do most of the chase-crew co-ordination using the balloon's cross band repeater.

REPly to this message for more information or email me at djmullen@facstaff.wisc.edu

For BARS, Dave, N9LTD

4226. CITN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 22:48:07 UTC
From: mario@ccsnet.com
Message-ID: <16551BYUKNDWBSPBCGQ@ccsnet.com>
Source record: 249888

Burt,
(I did not snip your message in case you would like to post elswhere in toto) (Not the dog)

BF>It has come to my attention that Alex AA1JY is out as net manager and
BF>has been replaced. When no one wanted the job Alex took it and decided
BF>that a traffic net ought to be a traffic net (what a novel idea?). He
BF>worked hard and made some unpopular changes (but professional). I have
BF>always known that the CITN was never a traffic net but a social net but
BF>Alex was fool enough to believe the "T" stood for traffic. So he
BF>eliminated the little games that were played on the net. After "trivia"
BF>was removed WA1AOH and his associates took their marbles and were
BF>rarely heard from again on the net U N T I L, Alex left, than
BF>strangely enough all the "old boys" reappeared. Is it any wonder that in
BF>the past ten years hundreds of young hams have been licensed and almost
BF>none get on the air?
BF>
BF>Cape Cod hams are the laziest form of humanity ever known (except
BF>Falmouth). Several years ago no one volunteered to edit the Barnstable
BF>Radio Club newsletter, I, as a non member, stepped forward and in each
BF>issue trashed the members "get up and go." Still I was not removed. Alex
BF>volunteered to be net manager because no one else would and when he
BF>was unable to be controlled by the "old boys (farts) network", the "old
BF>boys" did not even have the courage to fire him. The Barnstable Radio
BF>Club has a long history of Presidents that when they leave office the
BF>never return to the club (disgusted with the laziness?). The most recent
BF>President barely has her license so she was "drafted" because the "old
BF>boys" were too lazy. From what I have heard about her she is quite
BF>competent, thus I expect she will not stay on too long.
BF>
BF>My outlook on ham radio is soured by the locals and I bet if I lived off
BF>Cape Cod I would see hams in a different light. I am thought of as an
BF>ass by many but I consider that a character plus to be disliked by bozos.
BF>
BF>Burt K1OIK

Your message is a sad testimonial to the present state of ham radio.
You said that if you lived elsewhere the ham atmosphere would be different.
Well, I'm afraid not.
Before I left for Florida on February 15th I put my call sign on the
rear of my travel trailer in 3" high Scotchlite letters along with "52 SIMP"
From Cape Cod to Tampa Fla. I did not receive ONE call. Since I don't
travel as fast as the automobile traffic most would pass me. During the
trip about 15 hams with vanity plates passed me. The majority had 5/8 whips
which I'm sure were not CB. I called every one. No response. Well actually

not true, one waved. Obviously N1SGN is a new call therefore not worthy of a reply or a call. I wonder what will happen when I get my old WA1FSC call back? I also wonder what would have happened if one of them needed assistance and remembered passing me? I bet I'd get a call then. (Funny, my radio dosen't seem to receive any more) I would be sure to wave back as I continued on my way. But no, I'm not like them. I WOULD stop and assist.
You mentioned in one of our discussions about the hundreds of new young hams who, after being exposed to this pompous, ignorant mentality have given up the hobby. And the few who stay become cloned and stagnate in the mire of the cancerous disease spread by these old men with no lives. How do we encourage these young people to stick with the hobby? I suppose by example. If we get frustrated and quit, what will be left. Look at the local condition. Ron McLeod, K1FTB, who lives in Englewood, FL dosen't even use his 2M HT any more. He said it depresses him. However when he knew I was in the area he kept it on every day. And when I did call him when I got to Sarasota we talked for almost a half hour. Had to end the QSO when the old farts started doubling on me and making remarks. Sad, sad, sad.....
However we are not alone. There are many who feel the way we do. Sarasota, FL has four active repeaters. Three of them have the cancer but 147.300 is definitely a refreshing experience. It's courtesy tone is a cricket chirp, which caught my attention, no annoying messages, no NETS. The hams on that repeater have a sense of humor and talk about interesting subjects. No colostomy bags, coffee breaks, Medicaid bill problems, or endless pissing and moaning. My first transmission, "N1SGN hanging out in Sarasota", got a lot of attention. Real nice guys AND gals, NICE HAMS!
So Burt, hang in there. All is not lost as long as we don't give in. Maybe we just have to set an example to keep the young ones interested. I gave up once before, that was a mistake.

73
N1SGN

=== The opinions set forth above are soley my own and if you have a problem ===
=== with them..... I personally don't give a damn! ===

Mario Mere
mario@ccsnet.com
Co-Sysop CCS World
---
* UniQWK v3.3a* The Windows Mail Reader

--

4227. Re: Hams on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 22:52:17 UTC
From: edh@hpuerca.atl.hp.com
Message-ID: <edh.796344651@hpuerca>
Source record: 249893

Good question.
Or was the list moved to another group?

Cheers,
Ed Humphries N5RCK
HP NARC Atlanta GA
edh@hpuerca.atl.hp.com

4228. Re:Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 23:20:30 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3l7i87$c6c@newshost.lanl.gov>
Source record: 249895

Have care when criticizing Radio Shack. Out lurking on
the net are Super Sales Droids who will get you. You have
been warned.

4229. IPS Daily Report - 27 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 23:25:57 UTC
From: rwc@ips.oz.au
Message-ID: <3l7hi5$9ku@flare.syd.ips.oz.au>
Source record: 249892
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 27/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 27 MARCH AND FORECAST FOR 28 MARCH - 30 MARCH

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 89/33

GOES satellite data for 26 Mar
Daily Proton Fluence >1 MeV: 3.7E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 3.7E+06 (normal)
X-ray background: B1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
28 Mar 29 Mar 30 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 28 Mar: 90/34

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 26 Mar
Learmonth 20 4233 4344
Fredericksburg 20 20
Planetary 25 32

Observed Kp for 26 Mar: 2146 6443
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
28 Mar 20 Unsettled to active
29 Mar 20 Unsettled to active
30 Mar 15 Quiet to unsettled, with possible active periods.
COMMENT: IPS Geomagnetic Disturbance Warning 95/08 was issued on 24
March and is current for interval 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND
DATE LOW MIDDLE HIGH
27 Mar fair-normal fair-normal poor-fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
28 Mar normal fair-normal poor-fair
29 Mar normal fair-normal poor-fair
30 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
27 Mar -10 15 to 20% below predicted monthly values in the first
half UT day, near normal otherwise. Spread F was observed throughtout
the day.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
28 Mar 0 Near normal to slightly depressed.
29 Mar 0 Near normal to slightly depressed.
30 Mar 10 Near predicted monthly values

COMMENT: IPS HF Communications Warning 12 was issued on 27 March and
is current for interval 27-30 March. Observed frequencies at Townsville
yesterday were 15-40% and at Hobart were 15-20% depressed in the
first half UT day and near normal otherwise.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4230. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-27 23:36:28 UTC
From: morawski@starbase.azrael.mitre.org
Message-ID: <MORAWSKI.95Mar27183628@starbase.azrael.mitre.org>
Source record: 249891

```
<< Now I'm *really* confused. :-( I got some e-mail saying that
<<"prosign" came from "procedural signal". Which is it?
<<
<<--
<<misrael@scripps.edu Mark Israel

Mark --

It comes from "procedural signal", not to be confused with "numbered
radiograms", such as 73, 88, 61, etc.

Paul Morawski, AA3DD
morawski@mitre.org
```

4231. Little rock hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:00:00 UTC
From: Bill.Shryock@f7.n3821.z1.fidonet.org
Message-ID: <516_9503300439@woodybbs.com>
Source record: 249855

Announcing:

Little Rock Hamfest and Arkansas State ARRL Convention
at
The Little Rock Expo Center
formerly The Outlet Mall, same location as last year
March 31 - April 1, 1995
Friday, March 31, 4:00pm - 9:00 pm
Saturday, April 1, 8:00am - 5:00pm

Exit 126 on Interstate 30, Southwest of Little Rock

Admission: $7.00 per person

Theme: INTEGRATED COMMUNICATIONS IN EMERGENCIES

There is approximately 135,000 square feet of indoor space, with excellent lighting, heat and air conditioning, wide hallways, over 1000 parking spaces, handicapped access through all entrances, and much more.

There will be many dealers, flea market, tail-gates, exhibitors and forums. Special items of interest will be working stations on packet, amateur television and satellite. There will be a technical table, youth activities, home builders contest, fox hunts, C. W. Contest and Wouff-Hong. Participants will include The National Weather Service, Office of Emergency Services, ARES-RACES and MARS.

Special Exhibits:
Military Communications Unit Displays
State OES Communications Van
Mobile Emergency Communications Vehicles
Television Station Satellites
Antique Amateur Radio Show
and more

Sponsored by: CAREN, Inc. (Central Arkansas Radio Emergency Net)
P. O. Box 2893
Little Rock, AR 72203-2893

For more information contact: Chairman
Jim Blackmon
KB5IFV
1008 Pine Street
Arkadelphia, AR 71923-4949
501 246-6734 Office
501 246-7833 Home (24 hour recorder)
501 246-6736 FAX

Home BBS KB5IFV-1 Arkadelphia, AR

--
|Fidonet: Bill Shryock 1:3821/7
|Internet: Bill.Shryock@f7.n3821.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4232. D A K Belly up??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:00:00 UTC
From: mitchell@leotech.mv.com
Message-ID: <796478165.F00001@leotech.mv.com>
Source record: 249856

Does anyone out there know exactly what happened to DAK company
in Canoga Park, Calif. I assume they are belly up since I no
longer get catalogs and all their 800 phone #'s are gone away.

Please reply to mitchell@leotech.mv.com

Thanks Scott

___ Blue Wave/QWK v2.11

* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

4233. Re: ACARS DECODING SOFTWARE WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:00:00 UTC
From: cbpatten@snoval.fidonet.org
Message-ID: <2f78547a@snoval.fidonet.org>
Source record: 249857

-=> Quoting Simon Lewis to All <=-

SL> From: slewis@pacsat.demon.co.uk (Simon Lewis)

SL> Hi All

SL> Does anyone have , or know the where abouts on Internet of , decoding
SL> software for the ACARS aeronautical data system?

SL> 73 From: Simon Lewis GM4PLM - Helensburgh - Strathclyde - Scotland
SL> Packet: GM4PLM @ GB7SAN.#78.GBR.EU Email: slewis@pacsat.demon.co.uk
SL> AMSAT - UK Member 4282 **** SUPPORT YOUR LOCAL AMSAT GROUP ****

No. However, ACARS is an ARINC specification (493, i believe...) and is
available from ARINC, 2551 Riva Road, Annapolis, MD 21401. Contact them
for a catalog. The spec will give data format, etc.

chuck... cbpatten@snoval.com

... Where am I going? And, WHY AM I IN THIS HANDBASKET!?

4234. HAM-server Information

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:00:00 UTC
From: HAMSinfo@GRAFex.sbay.org
Message-ID: <gate.RZiP3c1w165w@GRAFex.sbay.org>
Source record: 249858
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Distribution: world
Subject: HAM-server information

HAM-server was devised to allow people without direct internet access a way
to get amateur radio related programs and other information. It is not
directly on the internet, so ftp and telnet is not available.

Most of the files on HAM-server are available via ftp from the various sites
around the world that archive them. That's where I got most of them.

In addition to DOS files, there are some Mac ,Linux, and OS/2 files available.
I'm always on the look out for more (particularly Mac, Linux, OS/2).
See below.

General Information:
====================

There is a daily limit of ALL requests of 3-megs. There is an individual
limit of 1.2-megs. If there are a series of files you want to order,
stretch them out over a few days, rather than ordering all at once.
That way, you are almost assured of getting them all, and you won't be
blocking others from getting their orders filled.

ASCII (text) files are split at about 59,000 bytes. UUENCODED binary files
are split at about 750 lines.

A new INDEX is automatically generated every Sunday.

Ordering Information:
=====================

Send an email to:

HAM-server@GRAFex.sbay.org

In the text of the message, place:

HELP
GET /hamradio/INDEX.TXT
QUIT

HELP will send you the HAM-server HELP file. This is processed immediately
for return delivery.

o DOS

If you are using a PC and you do not have UUDECODE, order
UUDECODE.BAS or UUDECODE.C and UUEXE525.EXE. Compile on your

system then uudecode UUEXE525.EXE. This is a self-extracting archive of UUENCODE and UUDECODE, with documentation. This will work for DOS and OS/2.

o OS/2

I highly reccomend UNZ512X2.EXE. This is InfoZip's ZIP and UNZIP (plus other stuff). Will dearchive PKUNZIPped files, as well as UNIX zipped files.

o Macintosh

Most Mac programs are stored in binhex (.HQX). You will need a utility, such as StuffIt to decode. There are also UUDECODErs and other de-archivers available. See the index for /hamradio/macstuff/utility.

o Linux

Use UNZIP.

Some Reasons Why Ordered Files Are Not Received:
==========

o If you are ordering from a ccmail system, be advised that ccmail in its default configuration attempts to automatically UUDECODE files. If your order is sent in parts, it will hiccup after the first part. See your system administrator.

o Your return path is incorrect. My bounce mailbox fills up quite regularly with messages. And, since the path is incorrect, I cannot contact you to let you know. Try the PING command to check that the path is open.

o You have spelled the file name incorrectly. Check the INDEX.

o You have entered your request incorrectly. Check the HELP file for correct syntax.

o The file name has changed since the INDEX was generated. Order a new INDEX. See the HELP file for the NEWFILES command.

o You sent your order to me personally or in reply to this post. Orders are only honored when sent to HAM-server@grafex.sbay.org. That's the way the software works.

YOUR HELP IS NEEDED:
==========

If you have a program you would like placed on HAM-server, you can email it uuencoded (DOS, Linux, and OS/2) or binhexed (Mac) to

incoming@grafex.sbay.org

This email address is set up to flag me that there is something new that I need to take care of quickly.

73 de KA6ETB

--EOF

4235. Stacking Tri-bander & WARC Anetnnas?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:00:00 UTC
From: dearnshaw@worldbank.org
Message-ID: <3lp4vd$cns@minerva.worldbank.org>
Source record: 249859

Hi,

I am in the stage of re-errecting my trusty old TH7DXX on a new tower. One thought that occurred to me was maybe stacking it with a WARC-only antenna (such as the Cushcraft AWS-3?). Does anyone have any observations, recommendations, comments on this "thought?"

- Will the AWS detract performance-wise from the TH7 (they're not harmonically related)?

- If not, what sort of (practical) spacing should I be looking at?

- Has anyone any experience with stacking conventional tri-banders with WARC antennas, and if so, would you do it again?

Thanks, Darrell (NR3Y/G4MZF)

4236. WTB: Motorola P200/HT600 speaker mics

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:12:22 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <3l7k96$ka@csusac.ecs.csus.edu>
Source record: 249970
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Anybody having any Motorola p200/ht600 speaker mics for sale, working
or not, I'd like to buy some. If you have something for sale, please
e-mail back to me.

thanks
jrh
--
James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu) (916) 278-7374
"What this country needs is less people telling us what this country needs"
School of Engineering & Computer Science, Cal State University, Sacto, CA

4237. Re: umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 00:17:47 UTC
From: c002@Lehigh.EDU
Message-ID: <3l7kjb$25sf@ns3-1.CC.Lehigh.EDU>
Source record: 249901

>A dummy plug in the external microphone jack will disable the internal
>microphone. A 10k resistor switched to ground via a key, or keying
>circuit, from that dummy plug will key the radio for CW transmission.
>You can't send very fast Morse that way, however, because the PTT circuit
>of the Icom is rather slow (about 50 ms).

ok, i'll try the 10k part, i got the rest :) and yeah, i've noticed the speed
:(

>No, that's Ok. You're handling third party traffic already by using a
>phone patch. It's permissable to allow a non-ham to speak into the radio
>under your supervision, but they can't actually operate the radio, IE
>change frequency, power, etc. You must maintain control of the transmissions.
>One caveat, for *international* third party communications, you must be
>sure that there is a third party agreement with the country in question
>before allowing a non-ham to speak over the radio. For domestic operations,
>there's no problem.

welp...thanks a lot for that one!

>It's available at electronic supply houses, and many home improvement
>and hardware stores, even some auto parts places.

what i kinnda meant was: where do i get aluminum solder FLUX....i can't find
anywhere that has that..and only 1 store with the solder!

>This is local option.

ok, thanks

>>5. what are the normal EME freqs? any from 144-144.21?
>
>Most weak signal contacts are done near 144.200 MHz. But check
>the schedule of any announced EME operation to determine their
>actual operating frequency.
>

ok, thanks again, i'll look around!

|---|
David Roseman	c002@lehigh.edu
SysOp of NODE 3 BBS	The Flying HAm - BBS
Running OBV/2 Software	TechnoMage - BBS
	N3SQE/SVARC - Ham
HAmmy in IRC	N3SQE@N3IQD.FN20GO.PA.USA.NA - Packet
------My AWSOME home page :) http://www.lehigh.edu/~c002/c002.html-----

4238. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 01:29:40 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3l7orp$q5@news1.databank.com>
Source record: 249907

pmm@safn2.saf.com (Penn M McClatchey) wrote:
>
> <SNIP>
>
>I have an MFJ-949E tuner that will be perfect for the purpose.
>Do you have instructions for that particular model?
>

Unfortunately, the mechanics of every tuner differ and I am hesitant to try and provide specific instructions. As mentioned in an earlier post, the basic modification requires insulating all of the tuned components from the chassis of the tuner. Also, my tuner was originally a "T" network, and I converted it to a Pi network during the same mods (for improved harmonic suppression). If you did not see the post that talks about this, let me know and I will e-mail a copy.

Obviously, a schematic would also be helpful. I don't have a scanner, so I have to use my fax machine to send the picture to my modem. Then I use fax software to convert to PCX. The process is simple but the quality suffers. If I can produce a legible copy, I will make it available in UUE format. BTW, there's a QRP tuner in the 1988 ARRL Handbook that uses this same technique, although it does not show the external options that can be utilized.

>
>I am also puzzled by your insistence on using ladder line.
>The goal of your mod is to choke the RF before it gets to
>the rig. It seems like you would get the same effect from
>your mod even when using coax, albeit you will have large
>losses in the coax at high SWR (as always).
>

You are right about the loss in the coax and it can be significant, but that's not the only reason for the use of ladder line. Let me try to explain what goes wrong when using coax.

First, let's assume the tuner feeds the coax, and the coax feeds the antenna through a balun. All transformers are designed to operate over a particular frequency range and with specific input/output impedances. This is as true for baluns as it is for any other device that uses magnetic/capacitive coupling.

Whenever the antenna is not resonant, the impedance seen by the balun can vary widely. It can become very low or very high, but in any event, far removed from the design parameters. In some cases,

the core may saturate as a result, although it is my understanding that some of the newer and more expensive core materials provide better protection from this. Other effects, dependant on frequency and impedance, include A) the primary winding electrically decouples from the secondary, B) the primary and secondary effectively "short" together, and C) The primary and secondary decouple, but the primary also loses it's minimum required reactance and becomes a shunt across the transmitter.

Regardless of the effect, the bottom line is that the balun has lost transformer action, which means it is no longer converting the unbalanced input to a balanced output. This, coupled with the high VSWR (which tends to exacerbate feedline radiation), causes RF to flow on the braid of the coax, and to the chassis of the rig.

It would require a *very* short, very stout ground to earth to relieve the symptoms of this RF. Such a ground is nearly a physical impossiblity, especially in multiband, non-resonant operation. Nevertheless, even if this were possible, the coax and balun would continue to dissipate RF in the form of wasted heat.

Following are the goals for the modifications:

1. ENSURE THAT THE BALUN IS NOT EXPOSED TO IMPEDANCES OUTSIDE ITS DESIGN PARAMETERS - This is done by moving the balun to the input side of the tuner's components. Once this is done, a reading of 1:1 VSWR at the output of the transmitter will mean that the balun is seeing it's designed input/output impedance. Further, because the tuner is compensating for the reactive comnponents of the antenna, the balun looks into a resistive load.

2. MINIMIZE FEEDLINE LOSSES - Ladder line is capable of handling extremely high VSWR without arc-over and without appreciable loss.

3. MINIMIZE FEEDLINE RADIATION - Because the balun has been relocated from the center of the dipole, the antenna now presents a balanced load to the feedline. In order to maintain that balance, which consequently minimizes feedline radiation, the line must also be balanced. Again, ladder line serves this purpose.

4. MINIMIZE RF ON THE CHASSIS OF THE RIG - RF can appear on the chassis anytime the unbalanced output of the rig is fed to a balanced load. The problem worsens with high VSWR because reflections from the antenna create voltage peaks and troughs along the transmission line. If one side of the line is connected to the chassis, as with coax, and the chassis is positioned at or near a peak, RF voltage levels can be very high.

Looking backwards from the antenna in the modified system, the antenna is balanced, the feedline is balanced, and the tuner components are balanced. At the point at which the conversion is made by the balun,

the reactive components have been removed by the tuner (so the balun cannot misbehave), and the rig looks into a 50 ohm, unbalanced, non-reactive load. Under these conditions, the chassis becomes the reference point it was intended to be and no longer carries significant RF currents.

Again, I "invented" this technique independantly, just like many other people <g>. It works exceptionally well, but I have no doubt that my explanations fail to do it justice. Please let me know if you have questions about this post, or if you would like my schematic of the modified tuner.

73,

Jack WB3U

4239. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 02:19:31 UTC
From: little@iamu.chi.dec.com
Message-ID: <3l7rnj$t3v@jac.zko.dec.com>
Source record: 249779

In article <3l60ht$22v@news1.databank.com>, jackl@pinetree.microserve.com (WB3U) writes:
|>little@iamu.chi.dec.com (Todd Little) Wrote:
|>
|>>I think most people would define "RF in the shack" as unwanted radiation
|>>occuring in feedlines that results in an inordinate amount of RF energy
|>>in the shack.
|>
|>This definition does not describe the symptoms under discussion. The persons
|>who asked for help do not agree with you. Haven't you read the earlier posts?

Oh good grief. Yes, I've read *all* the previous posts related to this
topic and I archive this newsgroup (among others.) So *please* explain where
my definition differs from the "symptoms under discussion".

|>>Please dismiss my contention with some evidence.
|>
|>The symptoms which were described are familiar to experienced operators.
|>I have explained why they occur, but if you believe an alternate explanation
|>is appropriate, please present it.

The symptoms, i.e. RF radiation from the feedline (and/or attached entities
such as the chassis of a rig or the wind shield on a microphone) occur
when the feedline becomes "part of the antenna system" and "not part of
the feedline/signal generation". If you have other examples of "RF in the
Shack" that occur due so something other than the feedline becoming part
of the antenna system, then please continue.

|>>High VSWR occurs as a result of impedance mismatch between the antenna
|>>system and the transceiver (or amplifier/tuner if either or both is used.)
|>
|>This is one of the most pervasive misconceptions in the amateur community.
|>VSWR results from attaching a reactive load to the feedline. The match
|>between transmitter and antenna system determines power transfer, not VSWR.

Well let's go back to basics. SWR is defined as:

SWR = (1+rho)/(1-rho)

rho is defined as:

rho = sqrt(Pr/Pf)

where Pr is the power in the reflected wave
Pf is the power in the forward wave

rho is also defined as:

rho = Zl-Zc / Zl+Zc

(from "Reflections")

where Zl is the load impedance
Zc is the characteristic impedance of the transmission line

For rho = 0, i.e. no reflection, then Zl = Zc. "However, the load must be purely resistive (R+j0) for zero reflection, because we are considering only lossless and low-loss lines with a characteristic impedance Zc that is purely resistive." from Reflections by Maxwell.

So, yes, a 1:1 VSWR requires both an impedance match and a non-reactive load.

|>>"RF in the shack" normally occurs as a result of feedline radiation
|>>occuring inside the shack. The two are related but neither is causal
|>>of the other. They can occur together or separately or alone.
|>
|>Didn't you say in your opening statement that they're the same thing?
|>You're contradicting your own argument.

I did? That's news to me.

|>>High VSWR by itself does *not* cause "RF in the shack"
|>
|>Maybe not in every situation, but the subject of this thread is high VSWR
|>that *does* cause RF in the shack.
|>
|>>and "RF in the shack" can occur with a VSWR of 1:1.
|>
|>I can think of only a few conditions that cause this, and again, all are
|>unrelated to this thread.

How are they unrelated? You stated that high VSWR is the "cause" of "RF in the shack" and I simply am trying to point out that it is not necessarily the case. You seem to have admitted that already with the caveat that it occurs in "only a few conditions".

|>
|>It is evident that you have missed both the purpose and relevance of these
|>posts. If the originals are no longer on your server, let me know and
|>I will copy you on them via e-mail.

As I said, I archive all the posts and would be glad to refer to them as necessary. You haven't given any reason as to why I should do so based upon my reading of all related posts.

Again, I simply state that high VSWR is not the sole cause of "RF in the shack" as you seem to imply.

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

4240. PWM was Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 03:06:03 UTC
From: am856@yfn.ysu.edu
Message-ID: <3l7uer$45d@news.ysu.edu>
Source record: 249923

In a previous article, Mike@g4kfk.demon.co.uk (Mike Gathergood) says:

>Hi Michael,
>
>> I recall its origin as a broadcast improvement over FM. The way it
>> was arrived at was overdrive the FM output amplifier so that it
>> would be heavily clipped in essence transforming the originally
>> frequency modlulated carrier into a variable width pulse modulated
>> carrier (PCM).
>
>My understanding was that PCM was developed to save copper in telephone
>networks.
>
>The telephone circuit is filtered to prevent anything above 4 KHz being
>digitised (to avoid aliasing), then sampled at 8 KHz with 2^8 bits (256).
>This gives rise to a 64 kbps bitstream, which can be multiplexed upwards
>to give 24 channels (as in North America and Japan) on a 1.544 Mbps stream
>(aka T1) or 32 channels (as in Europe) on a 2.048 Mbps stream (aka E1).
>In reality the synchronisation and signalling system used on E1 reduces it
>to 30 channels.
>
>I think you're talking about PWM, which is something very different.
>
>Cheers,
>Mike Gathergood, G4KFK
>The CQ Centre BBS
>Node 1 - 01753 595468
>Node 2 - 01753 593524
>

Thats it I think you are right.

Ok thank you very much. I knew this was where to clear the cobwebs.

So lets talk about PWM. Lets say the FM carrier is 1 MHz.

You form a PWM carrier by clipping the FM carrier.
You take the unmodualted 1 MHz oscillator and clip it to form a
square-wave clock. Using this clock isn't it relatively easy to
convert the PWM into a bit stream?

4241. Kenwood TH-22AT Mod.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 03:58:40 UTC
From: Paul Bennett <pbennett@freeside.fc.net>
Message-ID: <3l81hg$qcu@villa.fc.net>
Source record: 249798

Does any know how to modify the Kenwood TH-22AT to transmit
in the 154 MHz range? Any help would be greatly appreciated.

4242. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 04:17:00 UTC
From: jay.stewart@atlwin.com
Message-ID: <8A64575.0277006E1A.uuout@atlwin.com>
Source record: 249788

JB>Extended Warranties are a rip-off. Just read Consumer Reports. The

JB>As for returning the radio two or three times before you got one that
JB>worked. If people would stay away from buying that Korean junk from
JB>Tandy, they would not have these problems.

JB>know what happens to your radio then? If the city has a local repair
JB>center, this is what happens. The manager or another employee leaves
JB>your radio sit around for a few days until they are ready to take all

JB>Buy quality from a real ham radio dealer. Stay away from the Ft. Worth
JB>distributed junk.

JB>Regards,

JB>Duffy

You are WRONG.
I work at RS and I know where the stuff goes. There are several regional repair centers that the stuff is sent to. It is picked up by a special delivery service that carefully packs up the merchandise.

If you still think that the RS stuff isn't that good, you should try reading the rest of the posts about it! (I think you're the only one so far with a complaint.)

As for the extended warranty- You forget the fact that the warranty covers YOUR mistakes (i.e. dropping the unit) as well as manufacturer's defects, AND the warranty from Radio Shack is renewable at the end of three years.

Maybe you should do some research next time....

Jay

* SLMR 2.1 * Press any key to continue or any other key to quit

4243. Re: Where do I send a complete 610 form?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 04:24:41 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D64ux7.KK3@zeno.fit.edu>
Source record: 249791

In article <5617fev.teddrude@delphi.com>,
Ted Drude <teddrude@delphi.com> wrote:
>I've got a completed 610 form, but I didn't get the instruction sheet.
>Could someone please email me the correct mailing address (including
>zip code) for the 610 form?
>Thanks,
>Ted Drude KA9ELV

i believe the top of the form has all the address you need:

Federal Communications Commission, Gettysburg, PA.

for some reason they left off the Zip code of 17325, but it should get there
anyway.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4244. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 04:27:31 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D64v1w.KMI@zeno.fit.edu>
Source record: 249918
Cross-posted to: alt.usage.english,rec.antiques.radio+phono,rec.radio.amateur.misc

"professional signal" or "procedural signal"? i bet it's #2.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4245. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 04:30:10 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D64v6B.Kp8@zeno.fit.edu>
Source record: 249869

In article <D63ACM.10M@bri.hp.com>,
Mike Chaloner <mikech@hysteria.bri.hp.com> wrote:
>Tell a newbie this...
>Does one QSL to stations contacted in a contest?
>..... Mike G0UGR

if you wish. many will answer and many will not. minor time discrepancies might make you hard to find in the log (due to either your clock or his being a bit off).

but there's nothing stopping you short of becoming the possessor of a bank account formerly known as "full".

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4246. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 04:38:33 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D64vK9.37s@news.hawaii.edu>
Source record: 249782

fletcher@moho.uwyo.EDU (Walter Reid Fletcher) writes:
>
>This is a request for any information having to do with any current or known
>upcoming proposals -to- or -by- the FCC with regard to specific licensing of
>amateur stations in repeater service.
>
>I have in front of me a form ostensibly sanctioned by the Mid-America
>Coordination Council (an organization I have never heard of). In the
>first paragraph a vague reference is made to "possible FCC regulatory
>proposals". The second paragraph cites the "proposal" (vaguely cited
>in the first paragraph) as justification for advising the providing of
>certain information to the applicable frequency coordination authority
>since it will be necessary for the operator of an amateur repeater to
>obtain an FCC amateur repeater license.
>
>Thank you,
>Reid, WB7CJO

Shades of the old WR# days. I guess back then (mid 70s) the FCC had
more time on their hands.

Jeff NH6IL

P.S. What happened to WR6AAA on Catalina Island? (I think it was
located in the control tower at the airport.) Is it still in op'n?

4247. Re: CITN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 04:42:48 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D64vrC.L3q@zeno.fit.edu>
Source record: 249926

In article <16551BYUKNDWBSPBCGQ@ccsnet.com>, <mario@ccsnet.com> wrote:
> Before I left for Florida on February 15th I put my call sign on the
>rear of my travel trailer in 3" high Scotchlite letters along with "52 SIMP"

ok -- this is an indirect way to call CQ...

> From Cape Cod to Tampa Fla. I did not receive ONE call. Since I don't

but we don't have to call you just because we see a call and frequency.

>travel as fast as the automobile traffic most would pass me. During the
>trip about 15 hams with vanity plates passed me. The majority had 5/8 whips
>which I'm sure were not CB. I called every one. No response. Well actually

odds are they weren't on 146.52 (assuming that they "know" that "52" is
equal to 146.52 MHz. could be 147.52, could be 52.000 on 6 m. and it could
be "channel 52" for the bootleg boys (at least i think they had one...)
down below 10 m but above CB.

>not true, one waved. Obviously N1SGN is a new call therefore not worthy of
>a reply or a call. I wonder what will happen when I get my old WA1FSC call
>back?

N's haven't been issued in florida for years, we're into the high KE's now
so any "n" sounds "old". again, no one has to answer your CQ. someone
sets up all the local repeaters and uses them regularly, probably won't
check simplex in the car or will be operating on a locally popular simplex
frequency that may not be 146.52 MHz.

maybe you should sweep the repeater outputs when on the trip in order to
find activity. someone using 1W with a 1/4 wave usually isn't much fun
to work on simplex unless you're travelling together so you stay in range.

i'd also put some creedence into the difficultly of setting up an
ad hoc frequency on some radios. driving before radio, y'know.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4248. Stealth antenna question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 05:22:26 UTC
From: pgeorgeu@vanbc.wimsey.com
Message-ID: <3l86ei$a6m@vanbc.wimsey.com>
Source record: 249921
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

It would really be appreciated if someone would help me with my question.

I live in a low rise apartment complex with an internal courtyard with some very nice trees up to 40 ft in height. I have worked out the logistics of setting up a long wire from my ground floor verandah to one of the upper branches of the tree. I will end up with an antenna of about 60 ft in length. The problem is one of visibility. I have read about using armature wire and magnet wire which is very fine. Will this be strong enough not to stretch (I believe it will) or break?

What about birds? I really don't want to be the cause of the death of some lovely little birds which visit the courtyard. Previously I used some thin insulated multi-strand copper wire at another location but I believe that I may have to go with even a less visible approach.

Any suggestions would be greatly appreciated.

Peter

4249. Returned mail: warning: cannot send message for 4 hours

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 05:46:12 UTC
From: MAILER-DAEMON@floyd.santarosa.EDU
Message-ID: <199503280546.VAM10671@floyd.santarosa.edu>
Source record: 249789

```
This is a MIME-encapsulated message

--VAM10671.796369572/floyd.santarosa.edu

**********************************************
** THIS IS A WARNING MESSAGE ONLY **
** YOU DO NOT NEED TO RESEND YOUR MESSAGE **
**********************************************

The original message was received at Mon, 27 Mar 1995 17:31:12 -0800
from root@nermal [198.189.21.12]

----- The following addresses had delivery problems -----
<jwatrous@floyd> (transient failure)

----- Transcript of session follows -----
new spool file is /usr/spool/smail/input/0rtU6W-000ajOC
write_log:received
| from: info-hams@UCSD.EDU
| program: mail
| orig-id: <20BEABB42E7@cs.santarosa.edu>
| size: 27866 bytes
director user matched user jwatrous
transport local uses driver appendfile
appendfile: write to file /var/spool/mail/jwatrous
write_log:jwatrous ... deferred: (ERR_134) transport local: failed to lock mailbox
<jwatrous@floyd>... Deferred
Warning: message still undelivered after 4 hours
Will keep trying until message is 5 days old

----- Original message follows -----

--VAM10671.796369572/floyd.santarosa.edu
Content-Type: message/rfc822

Return-Path: info-hams@UCSD.EDU
Received: from nermal.santarosa.edu (root@nermal [198.189.21.12]) by floyd.santarosa.edu
(8.6.10/8.6.10) with SMTP id RAA06020 for <jwatrous@floyd>; Mon, 27 Mar 1995 17:31:12 -0800
Received: from cs.santarosa.edu by nermal.santarosa.edu with smtp
(Smail3.1.28.1 #100) id m0rtQ7B-0000TQC; Mon, 27 Mar 95 17:30 PST
Received: from POOKIE/MERCQ by cs.santarosa.edu (Mercury 1.20);
27 Mar 95 17:27:51 PST8PDT
Received: from MERCQ by POOKIE (Mercury 1.20); 27 Mar 95 17:27:38 PST8PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@UCSD.EDU>
To: "SRJC Distribution of Info-HAMS" <hams@cs.santarosa.edu>
Subject: Info-Hams Digest V95 #246
Date: Mon, 27 Mar 95 15:31:47 PST
```

Errors-to: <dave@cs.santarosa.edu>
Sender: Maiser@cs.santarosa.edu
X-listname: <hams@cs.santarosa.edu>
Reply-To: Info-Hams@UCSD.EDU
X-Mailer: Mercury MTS v1.20
Message-ID: <20BEABB42E7@cs.santarosa.edu>

Info-Hams Digest Mon, 27 Mar 95 Volume 95 : Issue 246

Today's Topics:
Dif. between FT-530 and TH-79A?????
Help me ground my station - PLEASE
IPS Daily Report - 26 March 95
LARCFEST '95 is coming April 1
Motorola HT200 quest.
out-of-band, emergency, etc.
Possible Repeater Licensing Proposals...
QTH for AJ7/JK2VOC
Repeater Antennas
SOS

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Mar 1995 15:34:40 GMT
From: mikef@microtech.com (Michael A. Fallavollita, Ph.D.)
Subject: Dif. between FT-530 and TH-79A?????

In article <3kd5om$rkh@floyd.santarosa.edu>,
jthompso@nermal.santarosa.edu says...
>
>Hello all,
>
>I have a friend who is considering purchasing a Kenwood TH-79A handheld
dual
>band HT. I have a FT-530. I am wondering what the differences are
between
>these two and which one you would recomend of these two. If you know
>anything about what features these have an comparisons between the two
>please e-mail me or post here. I will really appreciate any replies I
can

I can offer some information about these two radios. I bought an FT-530
over a year ago when I got my ticket. When my wife passed her exam in

May, I expected to get her a 530 as well but when we went looking, the TH-79A had just come out and caught her eye. Of course it was the most expensive dual-bander HRO had!

Let me start by saying that I really like my 530. However, there are some really nice features on the Kenwood. I think the alphanumeric display is really nice. Especially since there are so many repeaters in the SF Bay area. It is sometimes hard to keep them straight. The 79A is also considerably smaller. That was its main selling point for Anamaria. It fits nicely into her purse even with the rubber duck.

As far as other features go, the only other possible advantage of the TH-79A is the menu system for various features. It means you don't need the manual for a lot of things. Nonetheless, when I tried to remember how to enter a station in memory, it took a while to figure it out.

Both radios have essentially the same features as far as the transmitter/receiver go. I'm not sure what mods are available for the TH-79A but I've done the extended transmit/receive so I can use the 530 as an emergency backup for my marine VHF. One feature that the 530 has that I don't think is on the TH-79A is tone-scanning. If you don't know the PL on a station, and either it re-broadcasts the tone or you can get hear someone on the input, then you can scan for the tone to open the repeaters squelch. I've found that to be handy on a number of occasions.

In short, I think your friend will be quite happy with either radio.

Oh, one little difference is that the FT-530 has separate squelch nobs as the outside part of the volume controls for the two bands. The TH-79A sets the squelch with key presses. A little harder to make adjustments if you need to do it often.

Date: 23 Mar 95 13:38:36 GMT
From: pmm@safn2.saf.com (Penn McClatchey)
Subject: Help me ground my station - PLEASE

In article <3krbm7$d9g@news1.databank.com>, jackl@pinetree.microserve.com (WB3U) writes:
> mikef@microtech.com (Michael A. Fallavollita, Ph.D.) wrote:
> >I've just set up a borrowed TS-120 to try my hand at HF but I'm don't
> >know how to properly ground the system.
>
> Michael:
>
>
> The second reason for grounding the rig has to do with RF.

I have heard that a proper RF ground should employ a large copper braid to maximize conductive surface area. I am going to buy some braid for this purpose. The ground connection on my rig is a little butterfly nut on a 3/32" threaded shaft (Kenwood TS450SAT). Most rigs I've seen have similar

little ground connections. Won't this small connector choke the ability
of the braid to carry RF to some extent? If so, then the braid must
be connected to the chassis? In other words, can I get an effective
RF ground by connecting only a few strands of the braid to the
grounding post on my rig?

> solid ground connection will prevent RF from "floating" on the
> equipment.

The bad thing about RF in my shack is that rig doesn't funtion
properly. Strange things happen that indicate that its little
brain is fried. The computer and TNC also act up. I run a Windom
dipole fed with coax into a 6:1 balun. When I operate on bands with
a low VSWR, everything works great. The trouble starts when I
try to operate using the antenna tuner.

> the system absolutely requires a ladder line feeder, so it's
> not for everyone. E-mail me if you're interested.
>

I am interested...please e-mail me the info. I've always tried
to avoid ladder line, but now that I'm having trouble with coax
I'm willing to give it a try.
73 de WB4DPT

--
Penn M. McClatchey (Southern Aluminum Finishing Co, Atlanta, GA, USA)
Architectural Aluminum. Custom Fabrication. Paint, Powder Coating, Anodizing.
pmm@saf.com uunet!safn2!pmm Am Radio WB4DPT Voice: 404-355-1560,ext231

Date: 26 Mar 1995 23:40:17 -0000
From: rwc@ips.oz.au (Regional Warning Centre)
Subject: IPS Daily Report - 26 March 95

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 26/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 26 MARCH AND FORECAST FOR 27 MARCH - 29 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 25 Mar
Daily Proton Fluence >1 MeV: 4.0E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 8.7E+06 (normal)
X-ray background: B1.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
27 Mar 28 Mar 29 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 27 Mar: 93/38

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 25 Mar
Learmonth 20 2333 4444
Fredericksburg 23 6
Planetary 25 6

Observed Kp for 25 Mar: 1322 2111
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
27 Mar 25 Unsettled to active, with possible isolated minor
storm periods.
28 Mar 25 Unsettled to active, with possible isolated minor
storm periods.
29 Mar 25 Unsettled to active
COMMENT: IPS Geomagnetic Disturbance Warning 95/08 was issued on 24
March and is current for interval 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
26 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
27 Mar normal-fair fair poor-fair
28 Mar normal normal-fair poor-fair
29 Mar normal normal-fair poor-fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
26 Mar 36 15 to 30% above predicted monthly values until 20UT,
15 to 30 % depressed thereafter.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
27 Mar 0 15 to 20% below predicted monthly values
28 Mar -10 15 to 20% below predicted monthly values

29 Mar -10 15 to 20% below predicted monthly values
COMMENT: Observed Townsville and Hobart frequencies: near predicted
monthly values.IPS HF Radio Communications Warning 95/12 will be
issued later today for interval 27-30 March.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

Date: 26 Mar 1995 17:14:39 GMT
From: Chris Clarke <jclarke@lamar.colostate.edu>
Subject: LARCFEST '95 is coming April 1

****
****

LARCFEST - Hamfest and Computer Swap

Sponsored by the Longmont Amateur Radio Club

Saturday, April 1, 1995 8:00am - 3:00pm
Boulder County Fairgrounds at Hover and Nelson Rd. Longmont, CO

****
****

One of Colorado biggest and best hamfest and computer swaps is coming
April 1.

Raffle prizes include: Kantronics KPC-3 TNC
PC Multimedia Upgrade Kit
(a $500 value!)

With a GRAND PRIZE: KENWOOD TS-50S HF TRANSCEIVER

Admission is only $4.00 per adult with children under 12 FREE
With your admission you will see a large selection of amateur radio
equipment as well as great values on computer hard and software.

Want to become a Ham? (A licenced amateur radio operator)
VE Exam sessions will be given during the day. CALL 303-776-9158
for more information.

*** Commercial Exhibitors will be there! ***
*** Food and Lots of Coffee Available ***

CAMPSITES WITH CAMPER HOOKUPS ARE AVAILABLE FOR THOSE COMING
FROM OUT OF TOWN. CALL 303-676-1525 FOR DETAILS

VENDORS!: (A few) Tables are still left for $8.00 each
(Does not include admission)

Reservation can be made by sending a check to:

L.A.R.C.
P.O. Box 86
Longmont, CO 80502-0086

or call for more details:

John Stransky KF0RQ 303-776-2110
Randy Stevens N0NMO 303-499-1106

Talk-in frequency is 147.87/27 LARC repeater or use simplex
146.52.

****

SEE YOU AT LARCFEST '95

****

Date: 26 Mar 1995 22:20:57 GMT
From: root@cincy.msr.hp.com (John Yelmgren)
Subject: Motorola HT200 quest.

Richard Delaney (delaney@j51.com) wrote:
: [Article crossposted from rec.radio.scanner]
: [Author was Richard Delaney (delaney@j51.com)]
: [Posted on 24 Mar 1995 23:11:01 GMT]

: I picked up a Motorola HT200 radio at a hamfest with a charger for a
: steal ($5) thinking I could maybe put mu local PD or Ambulance freq in it

Thats about the right price for a HT200 -- the radio is probaly older than you are :)

Before you get too far you might want to check the battery condition
Typically those are the most costly part of that vintage radio to replace

If the crystal has the correct carrier freq marked than someone has already
retuned the radio for the lower part of the band.
This may or maynot have required any mods to the radio.

My advise would be that if you cannot use the radio in its present
condition than dump it at the next hamfes to the radio.

Crystals,PL,manuals and a battery would cost more than what you
want to spend on a radio that old (unless your starting a Moto musuem :))

: (155. or 156. mhz) incase of somesort of life-or-death emerg. Can anyone
: tell me about this radio, I opened it up and saw a crystal in it for
: 146.94mhz, was this a ham rig to start, or did someone retune it?
: The crystal looks like a regular scanner crystal (like RS ones), is that
: what it is? I can't get it to charge, so I'm going to try feeding power
: from a supply into it directly.

: Thanks

: --
: Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
: PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
: BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
: The opinions written here by ME are MINE, and it is my RIGHT to express them!

: --
: Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
: PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
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--

____
****
**** /_ _ ****
*** / //_/ ***
**** / ****
****
john Yelmgren HPDESK: john YELMGREN / HPATC2/01
Hewlett-Packard UnixMail: jyelmgr@hpccoa.corp.hp.com
4501 Erskine Road Telephone: (513)985-6292
Cincinnati, Ohio Fax: (513)985-6300
45242 Telnet: 985-6292
____
These comments are my personal ones and not Hewlett-Packard

Date: 25 Mar 95 00:43:23 GMT
From: NFullagar@ccgate.apl.COM (Fullagar, Neil)
Subject: out-of-band, emergency, etc.

>I've followed this ridiculous thread for at least 2 1/2 years. Rather than
trying to find loopholes in the law so you can satisfy this inner desire to
have a police-capable radio, why not instead arm yourself
with a repeater directory and a cell phone?

Golly gee, someone with an *even more* perverse and morbid facination with the
thread than my own! I'll certainly agree that there's been a lot of
absurdities put forth, from various quarters.

>Rather than trying to find loopholes in the law so you can satisfy this inner
desire to have a police-capable radio,

I don't see it as finding loophole. The law seems clear enough and if it
weren't, who cares? Let's say you've bought a mod'd HT at a hamfest. You
didn't but it to xmit on the state police frequency, but you know it will. Are
you saying you'll stand there and say "Gee, I could lose my license if I
transmit out of band" while someone bleeds to death before your eyes? If so,
I'm real sorry to hear that.

Is it just FFC regs that are too sacred to violate? Would you break into a
house that you knew contained a landline phone to report a life-threatening

emergency if there were no other means readily available?

Of course I would use other available resources first, but in a *real*
emergency I'll do what needs to be done and deal with the consequences later.
My guess is you would, too.

> why not instead arm yourself
with a repeater directory and a cell phone?

I have both, as a matter of fact. And I take them with me when I travel. And
often I carry BOTH an HT and a cell phone on my bicycle. But there's an awful
lot of road out there where there's no cell service, despite cellular industry
talk about "statewide coverage" and such.

And numerous repeaters require (unpublished) PL tones. (Actually, that brings
up an interesting point - why on earth does the ARRL accept director listings
of "open" repeaters that specify that a tone is required but don't specify the
tone??) And a ham repeater isn't much use in an emergency unless there's
someone else there to talk to - someone who isn't also mobile, miles from a
phone.

Personally, I intend to make the mods to my HT and VHF/UHF mobile, not so I can
transmit out of band but so I can receive. I would like to see the
manufacturers design things so an rx mod could be done without the tx mod. To
avoid accidentally xmitting where I don't mean to, I'll have to do some
creative frequency split programming - which I'll do.

>Jeff NH6IL (who carries a 200W 162.55 MHz transmitter with 1050 Hz tone
encoder with him so he can activate all weather radios within a 20 mile radius
`just in case'.)

Gosh, I hadn't thought of that... What kind of batteries do you use?

Neil KE6NCX
nfullagar@ccgate.apl.com

Date: 27 Mar 95 22:10:00 GMT
From: fletcher@moho.uwyo.EDU (Walter Reid Fletcher)
Subject: Possible Repeater Licensing Proposals...

This is a request for any information having to do with any current or known
upcoming proposals -to- or -by- the FCC with regard to specific licensing of
amateur stations in repeater service.

I have in front of me a form ostensibly sanctioned by the Mid-America
Coordination Council (an organization I have never heard of). In the
first paragraph a vague reference is made to "possible FCC regulatory
proposals". The second paragraph cites the "proposal" (vaguely cited
in the first paragraph) as justification for advising the providing of
certain information to the applicable frequency coordination authority
since it will be necessary for the operator of an amateur repeater to
obtain an FCC amateur repeater license.

Thank you,
Reid, WB7CJO

Walter Reid Fletcher, WB7CJO Internet: Fletcher @ Moho.UWyo.Edu
Senior System Analyst/Facility Manager Fletcher @ Plains.UWyo.Edu
Department of Geology and Geophysics
University of Wyoming
Laramie, WY 82071 work 1-307-766-6227 home 1-307-742-0287

Are we all roadkill on the information highway? - Jeff Greenfield

----

Date: Sun, 26 Mar 1995 21:07:33 GMT
From: slay@netcom.com (Sandy Lynch)
Subject: QTH for AJ7/JK2VOC

Bill Feidt (wfeidt@cpcug.org) wrote:
: Can someone provide a location for AJ7/JK2VOC. He's apparently an
: operation in the WPX SSB test this weekend. TIA for any help.

: Bill Feidt
: wfeidt@cpcug.org

Sure ..... he is operating from W7RM's super station in La Center, WASH.
73 de Sandy
WA6BXH/7J1ABV
slay@netcom.com

Date: 27 Mar 1995 18:56:05 GMT
From: brian@nothing.ucsd.edu (Brian Kantor)
Subject: Repeater Antennas

In article <1995Mar23.163930.26453@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>it bends nearly flat in heavy winds,

A short piece of PVC from the tower to the top of the Comet will keep it
from whipping around quite so much - assuming your antenna is side
mounted. It doesn't seem to affect the pattern or gain.
- Brian

Date: 26 Mar 1995 23:55:38 GMT
From: misrael@scripps.edu (Mark Israel)
Subject: SOS

In article <D5v73M.A26@news.hawaii.edu>, jeffrey@math.hawaii.edu (Jeff NH6IL) writes:

> Hi Mark,
> Rather than saying the `letters were adopted' the correct entry
> should read `The prosign ...---... was adopted...'.

Thanks to all who responded.

Which dictionaries contain the word "prosign"? I'd be a bit
reluctant to use a word that most people couldn't find in their
desk dictionaries.

--
misrael@scripps.edu Mark Israel

Date: 24 Mar 1995 22:42:02 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)

References<3k9hma$5th@newsbf02.news.aol.com> <2a6.8238.545@acenet.com>,
<KNAPPSM.95Mar24143457@crablegs.cig.mot.com>
Subject: Re: Restocking Fee

Realize, too, that the ham dealer is a specialty store that sells equipment
on a relatively small margin, compared to those margins enjoyed by high-
volume department stores such as aforementioned SEARS and Penney's. The
typical ham dealer cannot operate his/her business the same way, and
cannot afford a "no questions asked" type of return policy.

Howard Lester KE7QJ

Date: Sun, 26 Mar 1995 17:05:38 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)

References<1995Mar25.105914.3542@ke4zv.atl.ga.us> <3l020u$cj9@detroit.freenet.org>,
<3l2cin$p4k@detroit.freenet.org>
Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: Motorola Amp Transistors

In article <3l2cin$p4k@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey) writes:
>In a previous article, gary@ke4zv.atl.ga.us (Gary Coffman) says:
>>In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey)
writes:
>>>
>>>Our club's repeater has fried it's final amplifier. It's a Micor and the
>>>transistors are $40 each list from Motorola (six of them). We've heard
>>>there are more reasonable civilian parts that are subs for the finals.
>>>Does anyone have a source for these or know what the 2nxxx numbers are?
>>
>>I can't help with equivalent parts, but I'd like to point out that
>>you can often find entire Micors for under $50. It makes sense to
>>just buy a radio and swap out the entire PA deck rather than try
>>to repair one as extensively damaged as yours.
>>
>We've been told that this is not the case... That Micors in the ham band
>frequency range are few and far between (we have been looking for one
>at the ham swaps) and go for quite a lot more than $50. We've also
>been told that to change the frequency of a Micor amp involves more

>parts changing than it's worth.

There are 3 basic frequency ranges for the VHF Micor. One of them
covers the 2 meter band without modification. The other two require
some capacitor changes for best results. It's not a big deal. The
most common model covers the commercial frequencies just above
the 2 meter band. You can either replace the capacitors with the
larger exact replacements called out in the Motorola manual, or
you can just parallel padders across them. The parts are fairly
non-critical, cheap, and easy to change.

At most major hamfests, such as Dayton, there will be hundreds and
hundreds of Micors stacked up for sale. While a cherry unit may
command a price of $100, you can get one with a working PA for
$50 or less with a bit of shopping and haggling.

Micors are becoming a bit more rare than they used to be. They
are getting pretty old now. But there are still plenty of them
out there to be found.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Thu, 23 Mar 95 07:03:43 GMT
From: jackl@pinetree.microserve.com (WB3U)

References<3k36kt$bji@grape.epix.net> <3k48m6$61d@parsifal.nando.net>,
<D5oHFs.3Mz@news.hawaii.edu>
Subject: Re: Origin of `lid'

jeffrey@math.hawaii.edu (NH6IL) wrote:
>In article <3k48m6$61d@parsifal.nando.net> mmalpass@nando.net writes:
>
>>Speaking of 'lids,' anyone know the origin of this label? Acronym maybe??
>
>A very credible origin comes from the landline telegraph days.

Hi Jeff:

I've been a ham over 25 years, but I've never heard this one.
Is this only a possible explanation, or do you know for certain
that this is the origin?

73,

Jack WB3U

Date: 25 Mar 1995 15:56:54 GMT
From: little@iamu.chi.dec.com (Todd Little)

References<1995Mar20.123228.3377@arrl.org> <3kmlh7$sbu@cat.cis.Brown.EDU>,
<3l0dlg$ssj@cheyenne.iac.net>
Reply-To: little@iamu.chi.dec.com (Todd Little)
Subject: Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

In article <3l0dlg$ssj@cheyenne.iac.net>, Cassandra <clr@iac.net> writes:
|>I had a true desire to get back into the hobby. I have been reading
|>this newsgroup since about test day. By the time I received my
|>license I had all but lost interest again. I have no desire to spend
|>money on new equipment (my last purchase was a Drake TR-33C) to find
|>out if this attitude is prevalent here locally. If half of the energy
|>that is spent pointing out how the no-code tech class license is a
|>lowering of the standards was spent encouraging these people who are
|>showing some interest into furthering their knowledge and skills, then
|>amateur radio would begin to flourish instead of losing interest.

Amen!

|>I never wanted to build a radio or design circuitry. I wanted to
|>participate in a communications hobby that had structure and class. I
|>was willing to learn some electronics, morse code, and practice some
|>ethics to do so. Apparently that just isn't enough for some.
|>
|>
|>Cassandra
|>
|>formerly WD8DPO
|>
|>licensed to broadcast as KB8WXT maybe someday I will, but not today.

Don't let the few blow hards such as the misfits from Brown spoil your
interest. They are an extremely small minority and are similar to the
loud bigots one hears on 11 meters. If they can't stand on their own merits
and must stoop to denigrating you to boost themselves up, they aren't
worth your time. Ignore them and associate with those that respect you for
what you are, an amateur radio operator. Check out some of the local clubs
before giving up on amateur radio. I think you'll find that you'll be
welcomed with open arms. Another place to look for friendly operators is
to the VHF/UHF weak signal crowd and the satellite operators. I also
suspect that you'd be welcomed by most repeater groups.

Try it before letting the likes of Michael chase you away and relish in
the thought that he's in Rhode Island and not Ohio!

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

Date: 25 Mar 1995 00:44:19 GMT
From: FSWF37A@prodigy.com (James Brannigan)

References<D5IDAo.Hp8@vcd.hp.com> <stevewD5Lpn7.HJ9@netcom.com>,
<3kkekk$5dd@tadpole.fc.hp.com>
Subject: Re: Contesting - why?

Contests can be a lot of fun.....
They test your station and your operating skills....
There not for everyone.....
Before you knock 'em try it .....pick one you may have an interest in and
give it a go......you might get hooked or decide it's the dummest thing
around.
I tried a DX contest and did poorly .....that got me p..sed....I kept at
it until I won the section award (2 times), then that was it , too much
work.....
but I'm gettin the itch again.....

73,
Jim WB2TPS

End of Info-Hams Digest V95 #246
****

--VAM10671.796369572/floyd.santarosa.edu--

4250. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 06:06:08 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D64zM9.4JL@news.hawaii.edu>
Source record: 249784

jackl@pinetree.microserve.com (WB3U) writes:

> Contest chaos preempts all else, including emergency traffic.

Say Jack, could you be a bit more specific as to what emergency traffic
was preempted by a contest? Was it a regional or statewide emergency
utilizing HF? Were the VHF channels also being used for the contest
so that no repeaters were available?

Jeff NH6IL

4251. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 06:18:13 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D6506D.4pt@news.hawaii.edu>
Source record: 249809

wnewkirk@bb.iu.net (William Newkirk) writes:

>"professional signal" or "procedural signal"? i bet it's #2.

You win, Bill. You see, it's the cockroaches over here in Hawaii
that causes these stupid little errors to creep into my posts...
They work their way into our computers and chew on the insulation,
causing millions of dollars damage and messing up people's articles.
(If you've ever been over here then you'll know about our famous
flying 2.5 inch roaches).

4252. Re: Stealth antenna question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 06:21:03 UTC
From: turner@safety.ics.uci.edu
Message-ID: <3l89sf$9j7@safety.ics.uci.edu>
Source record: 249792
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I have used number 24 guage copper wire and I have seen number 26
used to string to a tree from a window. They are very hard to see.
They DO stretch out, especially after a windy day, but I would just
draw some back, and after a few storms, would replace the whole thing.
Worked fine and was not noticed by neighbors. The replacement
procedure was a pain sometimes, but the antenna was so wonderful
to have that it was worth it.

Good luck.

Clark
WA3JPG

4253. RS Pro 46

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 06:36:29 UTC
From: Greg_Tinsley@mindlink.bc.ca
Message-ID: <67700-796372589@mindlink.bc.ca>
Source record: 249794

If anyone reading this group happens to have the mods. for extending the recieve freqs. (806-896.1125 MHz) to include the entire freq. range would you be kind enough to E-Mail me the txt explaining how this is done.

Thanks in advance.

73's

VE7 SVG E-mail Greg_Tinsley@mindlink.bc.ca

--
|^^^

4254. Re: Keps...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 06:51:33 UTC
From: kebsch@pdb.sni.de
Message-ID: <3l8bll$ici@nanette.pdb.sni.de>
Source record: 249863

In <3kn560$ghg@inforamp.net> feehan@inforamp.net writes:

>Hello, all
> Sorry to bother you, but I was just wondering if anyone knew of
>somewhere on the 'net where I get get up to date Keplerian elements for
>OSCARS, etc...
> Thanks in advance...
> Dennis KD4SBN

Hi Dennis and the community,

get ftp.amsat.org:/amsat/keps/current/amsat.all (AMSAT format)
or ftp.amsat.org:/amsat/keps/current/nasa.all (NASA format)

Have fun ..

73 de Waldemar
--
Waldemar Kebsch, c/o Siemens | DK3VN (QRV on 40/20/15/10 since 9/94)
Nixdorf Informationssysteme AG | The last courtesy of a QSO is a QSL!
33106 Paderborn, Federal Republic | Big antennas, high in the sky, are
of Germany, kebsch.pad@sni.de | better than small ones, low, hi! [38]

4255. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 06:59:51 UTC
From: rickmcm@delphi.com
Message-ID: <9503280132591.The_Win-D.rickmcm@delphi.com>
Source record: 249871

>
> I have an HTX-202 and I Do plug it into the cigaette plug. Have for
> months. It only give 12 volts. The radio IS designed for that. As far
> as 25 or 10 watts, YEAH RIGHT. Check the specs again.
>
> Tom KB7RLA
>
>

Tom,

You might want to put a volt meter across your cigarette lighter plug. Start your engine, and rev up the engine a bit. You might be surprised to know that there is a heck of a lot more than 12 volts there.

Rick

4256. all mode 2-meter rig...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 07:03:12 UTC
From: vector@inferno.com
Message-ID: <019280EBOXVLWOCFHYYJ@inferno.com>
Source record: 249806

IV>i am in the market for an all mode, high power (i'm talking something
IV>50w or better), >modifiable< 2-meter mobile rig. i do stress that the
IV>unit be a mobile rig, as i have no desire to take some sort of all mode
IV>base and convert it for mobile use. modifiable, well, for obvious
IV>reasons. can anyone recommend a decent rig? money is really not much
IV>of an object, but i do have a target price of around $800. i'll
IV>consider any rigs one might have for sale that fit this description.

IV>thanks in advance

IV>greg

IV>vector@inferno.com

scratch that last transmission. i have scrapped the all mode idea and
decided to stick with good old reliable fm. in fact, i've kind of
settled in the area of the yaesu ft-2500r. does anyone have any
experiences with this rig that they could tell me about, good or bad?
i know it's 50 watts, has extended rx (major plus for me) and alpha tags
for the channels (another big plus). anyone?

thanks for all who responded before.

greg

4257. Good story: Jammer exposes himself!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 07:11:22 UTC
From: zilch0@primenet.com
Message-ID: <3l8cqq$i6q@news.primenet.com>
Source record: 249802

Just a good laugh for those of us who have had to suffer the infantile behavior of a jammer...

I was monitoring a local 2M repeater today, on the way home from work, waiting for my buddy to begin his commute and give me a shout. Most of what I was monitoring was S9 of silence because someone who'd been jamming the repeater for about 45 minutes was still at it when I tuned in. This person has been hunted, recorded, you name it for months... always the same sound effects and all the rest.

Well... I'm driving along when I just make out the sound of a telephone ringing... like it's down the hall from his shack or something, when clear as could be, I heard the jammer pick up a phone in his shack (ringer disabled, I guess) and answer, saying:

Hello? (pause) Oh, hi, how are you... UH-OH!... CRAP!!!

as he suddenly remembered he was STILL ON THE AIR and killed his transmission!!! Heee-heeeeee!
He had locked his PTT and forgotten about it when the phone rang!

The best part is that about a dozen of us were monitoring and recognized his voice right off!! It's like he has had a split personality. He's always been a gruff but fairly decent old guy when he ID's. A definite presence on the frequency, a regular player. Now we find out it's been him doing the jamming all along. He's never going to live it down and I'm so busy laughing I don't care if the tape recording we got ever accomplishes anything. I'm not even going to tarnish his callsign here. It's not worth the hatred somebody like him could unleash. He'll get his everytime he keys up anywhere anybody knows him. We were all over him like a ton of bricks! He'll have to get an unlisted phone number and maybe even move out of town there's so much contempt for him. What a waste of good equipment!

/----------------------\
Michael K. Davis, AB6SL
zilch0@primenet.com
MIME Attachments OK
\----------------------/

4258. Re: Stealth antenna question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 07:33:18 UTC
From: mcdonld@ix.netcom.com
Message-ID: <3l8e3u$bc3@ixnews2.ix.netcom.com>
Source record: 249803
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In <3l86ei$a6m@vanbc.wimsey.com> pgeorgeu@vanbc.wimsey.com (Peter Georgeu) writes:

>I live in a low rise apartment complex with an internal courtyard with
>some very nice trees up to 40 ft in height. I have worked out the
>logistics of setting up a long wire from my ground floor verandah to
one
>of the upper branches of the tree. I will end up with an antenna of
about
>60 ft in length. The problem is one of visibility. I have read about
>using armature wire and magnet wire which is very fine. Will this be
>strong enough not to stretch (I believe it will) or break?
>

As an apartment-dwelling California teenager, I used #28 coated wire. It would break in heavy winds and I would have to sneak out at night to (re)string it up. I also had a really good transmatch to tune it. The antenna actually was in the shape of a triangle, strung between two apartment buildings. It held up well enough to satisfy me. I used some small pieces of wood as insulators; were I to do it again, I might get some lucite rod or other nonconducting tensile-strong clear plastic.

>What about birds?

I don't recall birds hitting the wire. My wire was not in a likely bird flight path, though.

Bob KF6AZ

--
====================*==========*==========*==========*==========*
Bob McDonald mcdonld@ix.netcom.com
====================*==========*==========*==========*==========*

4259. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 07:42:41 UTC
From: mikech@hysteria.bri.hp.com
Message-ID: <D65435.I8y@bri.hp.com>
Source record: 249805
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

When calculating the length of a counterpoise, as an odd
number of quarter wavelengths, do you use a multiplier
to take account of the velocity factor of the cable?

4260. Re: Hams on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 08:17:12 UTC
From: dave@eram.esi.com.au
Message-ID: <3l8gm8$mks@eram.esi.com.au>
Source record: 249861

In article <3l6pk7$1c4b@freenet3.freenet.ufl.edu>,
afn01115@usenet.freenet.ufl.edu (Steven J. King) writes:

| There is, or was, a site or list of hams on the Internet. As I recall,
| the list is compiled by a program that looks for callsigns in people's
| signatures who post to rec.radio.amateur.*. I have not seen this listed
| posted in some time, neither here or alt.answers. Does anybody know
| where I can find this list/site? Thank you.

The person originally responsible for it could no longer maintain it,
and I volunteered; unfortunately, this co-incided with a sudden lack
of free time on my part...

Real Soon Now.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

4261. Re: Callsign license plates in CA?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 09:22:40 UTC
From: randyk@c2.org
Message-ID: <3l8kh0$e98@infinity.c2.org>
Source record: 249810

Steven Howard (showard@ainet.com) wrote:
: Tuck Miller (tmill493@bssbbs.com) wrote:
: : epladsen@nyx10.cs.du.edu (Eric Pladsen) writes:

An _Important_ message to all who have read this thread so far.
I have an ongoing problem with my call plates and the computer system here in California.

Time after time, _most_ Police agencies including the C.H.P. cannot access your plate through the computer! This happens even with D.M.V. people on the phone as well.

One possible reason is that _most_ if not all parties involved DO NOT know that they have to enter 'H' for the 'type' of plate in order to make the computer work, even then it is impossible sometimes with the new computer system here in California that has 'major' bugs in it.

It has been a _major_ problem for me, as I can't obtain a city parking permit as I don't exist etc. (in the D.M.V. computer that is). I wonder if others have had this problem. I have even wondered if I should go back to just being a number again :-)

_Randy N6WDV

4262. Re: Motorola HT200 quest.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 10:15:23 UTC
From: randolph@est.enet.dec.com
Message-ID: <3l99o2$gqf@mrnews.mro.dec.com>
Source record: 249894

In article <3l4pc9$gfi@hpscit.sc.hp.com>, root@cincy.msr.hp.com (John Yelmgren) writes...
>Richard Delaney (delaney@j51.com) wrote:
>: I picked up a Motorola HT200 radio at a hamfest with a charger for a
>: steal ($5) thinking I could maybe put mu local PD or Ambulance freq in it
>
>Crystals,PL,manuals and a battery would cost more than what you
>want to spend on a radio that old (unless your starting a Moto musuem :))

Yep, I picked up an HT220 at the big Hosstraders flea market last year for $10.
462 MHz, PL, the battery was good, and a friend had manuals already, but I
found that re-crystalling the radio would have cost me about $50, so I sold it
for $10...
These would be great radios for $10, but the $100 or so you'd spend get a dead
one on the air isn't really worth it, especially if it's a one-channel radio.

-Tom R. N1OOQ randolph@est.enet.dec.com

4263. Ugly!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 10:30:52 UTC
From: vector@inferno.com
Message-ID: <06813JRKXDFELEVMWMJ@inferno.com>
Source record: 249813

IT>So...
IT> Came across a repeater up in the Bay area. Ugly!! These guys discuss
IT>the gutter: nasty type language, high school locker room preoccupation
IT>with private type body parts (male and female), etc. One guy even had the
IT>11M reverb hooked to his mic. Hate to think this is where the hobby is
IT>head'en.

hehehe, yah, the repeater is a real scum-pit. it's known simply by most
as the "529" machine. 145.290 real piece-o-work. tune into react
(462.675) once in a while too. that's good for some wholesome family
entertainment when it's being jammed.

greg

kd6ven

4264. Re: all mode 2-meter rig...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 10:30:52 UTC
From: vector@inferno.com
Message-ID: <06820JRKXDFELEVMWMJ@inferno.com>
Source record: 249814

IG>In article <30394LVKAABUYRXBEMC@inferno.com> vector@inferno.com writes:
IG>>
IG>>i am in the market for an all mode, high power (i'm talking something
IG>>50w or better), >modifiable< 2-meter mobile rig. i do stress that the
IG>>unit be a mobile rig, as i have no desire to take some sort of all mode
IG>>base and convert it for mobile use. modifiable, well, for obvious
IG>>reasons. can anyone recommend a decent rig? money is really not much
IG>>of an object, but i do have a target price of around $800. i'll
IG>>consider any rigs one might have for sale that fit this description.

IG>The most obvious reason to modify a 2 meter rig is if you are
IG>contemplating illegal operation. Since that reflects badly
IG>on legal amateurs, I don't think it's a good idea to help you.

IG>If you want to include a call sign next time, and indicate a
IG>legal reason for a modification, then some help will be forth
IG>coming.

IG>Gary

IG>--
IG>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
IG>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
IG>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
IG>Lawrenceville, GA 30244 | |

kd6ven

and no, i usually use the out of band operation capabilities for receive
only, since i don't like having multiple rigs in my vehicle.

but since you like to make assumptions without knowing all the facts, i
wouldn't want your help in the first place.

i've changed my request in any case. aside from this, there were plenty
of email responses from helpful people who weren't so quick to judge my
post and cast it aside.

thanks for nothing.

greg

4265. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 10:35:17 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3l8op5$19kn@info4.rus.uni-stuttgart.de>
Source record: 249885

In article <D63ACM.10M@bri.hp.com>,
Mike Chaloner <mikech@hysteria.bri.hp.com> wrote:
>Tell a newbie this...
>
>Does one QSL to stations contacted in a contest?

Mike,

The only stations you really should QSL is those who
sent you cards. Apart from this, you are free to QSL
any station you like, and contacts in contests often
are interesting contacts you may want a QSL for some
purpose or another.

Only problem is to find the proper route, because he
might not be too keen on spending his time on explaining.

There are QSL servers on Internet, in the packet cluster
or you find the info in ther Radcom....

73, Moritz DL5UH

4266. Digest of Articles - QST Feb 95 (Long - 45k)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 11:22:08 UTC
From: wvanho@infinet.com
Message-ID: <3l8rh0$qhn@horus.infinet.com>
Source record: 249811
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

DIGEST OF ARTICLES - QST February, 1995

Following are digests of articles printed in the February, 1995 issue of QST. Such digests are being prepared for each issue of QST, and posted periodically.

It is hoped that other hams will volunteer to post similar digests of the other ham technical publications such as QEX, CQ, 73, COMMUNICATIONS QUARTERLY, RTTY JOURNAL, et al. Especially desirable would be digests of publications in other countries, such as the RSGB RADIO COMMUNICATIONS and ham magazines in Europe, Japan, Australia, and other countries around the world. We English speakers would especially enjoy them if they were translated into our language, but they would also be valuable additions to the world's knowledge if they were posted in the language of origin. Who knows? Some bi-lingual ham somewhere might translate them into English and re-post them.

Worldwide communications are getting better and better. The time has come to make the world's ham press available to all hams throughout the world!

The major value of digests is to give readers sufficient information to decide whether to obtain a copy of the full text. If any U.S. reader wants a copy of an article in QST, please inquire of other hams in your own neighborhood. Many have collections of back issues. Anyone who is unsuccessful in finding a fellow ham with a collection should try every library in the area, especially those at universities and technical colleges. If all else fails, a copy can be obtained from the ARRL Technical Department, 225 Main St., Newington, CT 06111-1494 USA for a fee of $3.00 per copy. Remember, it is both cheaper and quicker to obtain one locally.

Readers in most other countries can obtain copies from their own national ham organizations, sometimes translated into their own languages.

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TECHNICAL ARTICLES (TA)

Title>TA1:Radio Observations of Two Solar Eclipses
Author>Emerson, Darrel - AA7FV/G3SYS
Source>QST Feb 95, pp. 21-26
Abstract>Observations of solar eclipses using only amateur radio

equipment.

Digest>Dr. Emerson is a professional radio astronomer working at the National Radio Astronomy Observatory at Kitt Peak, Arizona. He makes his home in Tucson.

His home amateur station, AA7FV, is self-described as a "rather poor Oscar-13 satellite system". Using only this amateur gear, he monitored two solar eclipses; those in July, 1991 and May, 1994. In 1991, he confined his reception to 146-MHz., whereas in 1994, he recorded data on both 146- and 436-MHz.

His antenna setup is a 10-element Yagi on 146- and a 15-element Yagi on 436-MHz. Low-noise preamplifiers are used on both bands. For the measurements, he used his regular station transceiver, a Yaesu FT-102, fed by a Yaesu FTV-107 transverter. The only special equipment that he built for recording the sun's noise output was a simple full-wave rectifier to convert the audio output of the transceiver to a d.c. voltage that could be recorded on a Heath chart recorder.

During both eclipses, he made no attempt to follow the sun across the sky. He aimed the antennas at a spot in the sky where the sun would be at mid-eclipse, and left it there.

Neither eclipse was total at Tucson. AA7FV recorded the received signal for about an hour before the moon began to cover the sun, throughout the eclipse which lasted about three hours, and for another hour after it was over. The beamwidth of the two antennas are about 30-degrees and 40-degrees, respectively. The sun appears to move through the heavens at a rate of 15-degrees per hour, so during the six hour duration of his record, the sun moved gradually into, through, and out of the main antenna lobe. Around the time of maximum occultation, it was moving through the center of the lobe.

The author states that it is very easy to detect the noise radiated by the sun. It is always fairly strong, but its amplitude is subject to wide swings ranging more than 10:1. Over a period of a few hours, it can usually be considered constant.

At the time of the 1991 eclipse, sunspot activity was down only slightly from the peak of Cycle 22, at a count of 142; but by 1994, it was only 27 on the day of the eclipse. Consequently, the records made during the two eclipses are very nearly representative of conditions at the two extremes of the sunspot cycle.

Included in the article is an illustration of the record made during the 1991 eclipse. The record is characterized by random variations of the character of typical noise, studded by a number of extreme peaks, representing noise bursts. During the mid-portion of the eclipse, the received noise rapidly dropped to a very low level for a period of about an hour as the moon passed in front of the sun. But the moon did not cover the entire face, therefore it is apparent that the noise was not radiated from all over the face; rather, the majority of the noise came

from one single tiny area.

Recognizing that the edge of the moon acts as a very effective shield blocking the radio beam, Dr. Emerson noted the precise time when the noise signal dropped to a low value, and the later time when it rose again to a very high level. From those two times, knowing the precise positions of the sun and moon at both instants, he drew a simple diagram of three circles, one representing the sun, the other two the moon at its relative positions when the noise first was blocked out and when it returned to a high level. The intersection of the two moon circles defined the precise spot on the orb of the sun from which the noise was emanating. This simple approach allowed him to calculate the location of the radiating spot to a precision of better than .01-degree, using an antenna with a beamwidth of 30-degrees!

The results of the measurements made during the eclipse of 1994 were much less dramatic because of the quieter conditions on the sun. No discrete sources of radiation were detected. Actually, the noise level at 146-MHz. was so low, and the man-made interference so high, that the record from that band was practically unusable. At 435.6-MHz., however, the author obtained usable measurements. In fact, he was able to use his data to calculate the apparent temperature of the sun's surface. The answer he obtained was nearly the same as that made by observatories using equipment costing thousands of times more than his home amateur station.

Title>TA2:Is This Ewe For You?
Author>Koontz, Floyd - WA2WVL
Source>QST Feb 95, pp. 31-33
Abstract>Describes high-performance directional receiving antennas of small size for low frequency bands.

Digest>In this article, WA2WVL describes a directional receiving antenna for the low bands that provides remarkable performance, yet small size. In its most basic form, for operating on 80-meters, it is simply a continuous piece of wire strung between two ten-foot (3-m.) high masts spaced from 15- to 60-feet (4.6- to 18.3-m.) apart. The antenna is fed by coax cable through a 3:1 step-up transformer (9:1 impedance ratio) connected at the base of one of the poles, with the transformer secondary connected between the wire and a ground stake. The wire extends to the top of that mast, across to the top of the other, and down that pole to the base. A terminating resistor is connected from the end of the wire to a second ground stake.

A schematic drawing of the antenna makes it appear to be identical to a short Beverage wave antenna, but the principle of operation is entirely different. The Ewe antenna is actually a pair of phased monopoles, and the horizontal wire between the poles is simply the feedline that establishes the phase difference between the two elements. A computer analysis shows that there is a phase-shift of about 45-degrees between the centers of the two monopoles. The radiation pattern is a pure

cardioid with a deep null in the direction toward the termination resistor. The main lobe is slightly broader than 180-degrees wide in the direction of the feed-point.

Tables of values are included to illustrate the effect of varying the spacing between the masts. Calculated for a vertical radiation angle of 30-degrees, the front-to-back ratio is 17.9-dB. when using a spacing of 15-feet (4.6-m.) between poles. The F/B ratio peaks at 34.8-dB. with a separation of 25-feet (7.6-m.) and drops back to 20.1-dB. with 35-foot (10.7-m.) separation. The termination resistance must change slightly for different separation distances: 15-feet requires 650-ohms, 25-feet 850-ohms, and 35-feet 900-ohms. The forward gain increases (becomes less negative) with the greater separation: it is -21.4 dBi. at 15-foot separation, -18.0-dBi. at 25-feet, and -15.9-dBi. at 35-feet. The author uses a low-noise amplifier with 11-dB. gain at the antenna to compensate for the reduced signal level.

A similar antenna can be used on 160-meters, with a change in the termination resistance. Still with 10-foot poles, using 30-foot (9.1-m) separation the F/B ratio is 23.3 dB., gain -27.2-dBi., and termination resistance 1000-ohms. F/B ratio peaks at 40-foot (12.1-m.) separation: 35.2-dBi.; forward gain is -25.1-dBi., and the end resistor is 1060-ohms. With 60-foot (18.3-m.) separation, F/B ratio drops to 18.2, gain rises to -22.1, and the termination resistance must be 1220-ohms.

Other dimensions can be used and will produce similar performance. The author illustrates a compromise 160/80-meter ewe, using 15-foot poles 38-feet (11.6-m.) apart. It requires a terminating resistor of 840-ohms. Gain at 1.8-MHz. was calculated as -22 dBi., and at 4.0-MHz., -12.3 dBi.

Performance can be augmented by building an array of two such antennas fed as either an in-line array or broadside. The in-line array gives approximately the same forward pattern, but substantially reduced radiation from the back side. Such an array can be made of two ewes, each of which has a separation of 27-feet (8.2-m.) between poles, and the front pole of the rear antenna spaced 23-feet (7-m.) behind the rear pole of the front antenna. They should be driven with equal currents at 135-degree phasing.

The broadside array, with the two antennas side-by-side and fed in phase, produces a beam much narrower in the main lobe. At 80-meters, two ewe-antennas spaced 150-feet (45.7-m.) apart produce a main lobe of only about 70-degrees between half-power points, contrasted with more than 180-degrees for the single antenna.

Title>TA3:Interpreting QST's New Propagation Charts for Low Power and Low Antennas
Author>Hall, Jerry - K1TD
Source>QST Feb 95, pp. 34-36
Abstract>Explains how to interpret propagation charts for use by modest ham stations.

Digest>In QST Oct 94, a new format was announced for the propagation charts shown each month in the "How's DX?" column. K1TD's article in that issue thoroughly explained how those charts are calculated and what they mean. Each chart contains plots of the Highest Possible Frequency (HPF), Most Usable Frequency (MUF), and the Lowest Usable Frequency (LUF). As was explained, the HPF is expected on about 10-percent of the days of each month and the MUF on 50-percent of the days. Those two graphs are plotted as solid lines. The LUF, on the other hand, is a dashed line and represents a fundamentally different kind of variable.

The HPF and the MUF indicate the highest frequencies that can be expected to refract from the ionosphere and return to earth and are unaffected by the emitted power, antenna gain, or any other factor under control of the operator. The LUF, on the other hand, is a measure of the absorption of the radiated power by the atmosphere and so is very much affected by the "oomph" of the signal, i.e. power, antenna gain, antenna height, etc.

The monthly charts are all calculated for amateur "super stations", running the legal limit of power and using large antennas on high towers. Many hams have questioned why the graphs are prepared in that way and whether it would not be more useful to prepare similar charts based on typical ham stations.

In this article, K1TD includes charts are prepared for both types of stations. He goes on to explain how any ham can use the "super station" charts, by showing the differences between his examples.

The fundamental point is that the HPF and MUF curves are unchanged in both cases, independent of station "oomph". Using those two curves only, every ham can see what is physically possible, ignoring limitations of equipment, site, and the like. By experience, hams with much more modest stations will learn how much they must allow for the reduced "oomph" of their own stations. They will find it impossible to make contacts at the low frequencies near the LUF and will have to operate at higher frequencies, closer to the MUF. For example, if a DX station is known to be using 20- and 40-meters and 20-meters is not open, the "super station" may be able to make the contact on 40-meters, whereas the modest station may have to wait for 20-meters to reopen.

In summary, the old adage that it is always best to use frequencies slightly below the MUF is the best guide for everyone, whether one is running QRP or a "Big Gun".

PRODUCT REVIEW (PR)
Conductor: Mark Wilson - AA2Z
Editor, QST

Title>PR1:Yaesu FT-900AT MF/HF Transceiver
Author>Swanson, Glenn - KB1GW
Source>QST Feb 95, pp. 59-63

Abstract>Review of a very small, mid-level MF/HF transceiver designed primarily for mobile use. Its unusual feature is a removable front panel that can be mounted remotely.

Digest>The FT-900AT is Yaesu's newest mid-level MF/HF transceiver. It is designed to be of minimum size, for use either in a vehicle or a fixed station. Its most notable feature is its removable front panel that can be operated at the end of a cable, some 24-feet long (7.3-m.), that is supplied with the manufacturer's Remote Mounting Kit. This allows the rig to be mounted inside the trunk of an automobile, for example, with the front panel mounted on the dashboard. In that configuration, when the car is parked it is easy for the driver to remove the panel and slip it into their pocket.

Although the transceiver is only about 10-inches (25-cm.) square and less than 4-inches (10-cm.) high, it is a full-featured rig. Its receiver tunes from 100-KHz. to 30-MHz. and its transmitter covers the amateur bands from 160- through 10-meters, using SSB, AM, FM, and CW. Output power is adjustable from 2- to 100-watts on all bands, except for AM operation, which is limited to 25-watts carrier output. The rig has a built-in electronic keyer and a narrow CW i.f. filter is available. The accompanying microphone is designed for mobile use and has built-in buttons for scanning control: UP, DOWN and FAST.

The ARRL lab tests showed excellent receiver performance. Noise floor measured between -120- to -129-dBm. The blocking dynamic range with 500-Hz. i.f. filter in use measures from 117- to 124-dB. The third-order IMD dynamic range, with the same filter, measures from 82- to 99-dB. The variations between the measurements as stated are due their having been made at various frequencies and with the preamp on and off.

In operation, the reviewer found the rig easy to use and the audio quality was reported to be excellent on SSB. On CW, the rig offers a feature that will warm the hearts of old brass-pounders. It allows the operators to select the sideband they are listening to! That delightful feature, that used to be inherent in all receivers in vacuum-tube days, was largely abandoned years ago when solid-state transceivers took over.

One complaint that the reviewer registered has to do with the filter selection process. He successfully operated the rig in digital modes, but it was a "daunting task" to set it up to use the narrow CW i.f. filter in AFSK mode.

The operating manual for the FT-900 was found to be "outstanding", highly readable, well-indexed, and thorough. In general, the reviewer found the transceiver to be an excellent rig for either mobile or fixed-station use.

The manufacturer's list price for the FT-900AT (including built-in automatic antenna tuner) is $1699. An optional narrow CW filter adds $170.

TECHNICAL CORRESPONDENCE (TC)
Conductor: Paul Pagel - N1FB
Assoc. Technical Editor

Title>TC1:The Lazy-V Array - An Antenna to Consider
Author>Leo, Bob - W7LR
Source>QST Feb 95, pp. 67-68
Abstract>A switchable beam antenna for 40-meters, providing respectable gain and good F/B ratio, that requires only small land area.

Digest>This letter, accompanied by a photograph and a drawing, describes an antenna array built around a 70-foot high aluminum mast made of 4-inch diameter aluminum irrigation pipe. The antenna itself is made up of four independent wire antennas, one on each of the four sides of the mast. Each wire is a half-wave dipole, 33-feet (10.1-m.) each side of the center balun.

Both ends of each wire is supported by a length of nylon rope attached to the mast, one at the top and the other at the bottom. The center balun is pulled horizontally away from the mast until the two legs form approximately a right angle, forming a "lazy-V". Each of the four "lazy-Vs" is fed by a separate feedline made of 62-feet (18.9-m.) of RG-213 coax cable.

A 1:1 balun is at the center of each dipole and the feedline runs horizontally to a pulley mounted half-way up the mast, over the pulley and down the mast to a switchbox at ground level. The box contains four relays for switching directions. The relays are arranged to short the ends of the unused feedlines, which then become shorted stubs that cause their respective dipoles to act as reflectors.

The overall array displays approximately 5-dB. of gain in the favored direction, and near 20-dB. front-to-back ratio! Clearly, the unused antennas, and also the mast, combine to form a reflector that provides excellent directivity.

Title>TC2:ALE - The Coming of Automatic Link Establishment
Author>Menold, Ronald E. - AD4TB
Source>QST Feb 95, pp. 68-69
Abstract>A network protocol that allows instant communication among all members of a geographically scattered radio network.

Digest>Automatic link establishment (ALE) is a protocol that allows every station in a multi-station HF network to be able at all times to establish instant communication with any one or more of the others. It requires that the network be authorized to operate on a number of frequencies spread over the MF/HF spectrum.

The system works because each station is continuously either listening to, or transmitting on, all channels in sequence. It keeps note in its memory of which channel(s) is open to each of the other stations. Consequently, when traffic needs to be sent to any other station, the transmitting station already "knows" which channel is open.

So far, ALE systems have been established mainly by government agencies. Clearly, many other types of organizations will soon find such systems effective for either their primary communications links, or as backup for other types of telecommunications channels. Someday, there may be amateur applications for similar systems.

HINTS AND KINKS (HK)
Conductor: David Newkirk - WJ1Z
Sr. Asst. Technical Editor

Title>HK1:Adding Transmit Offset Tuning to the Uniden HR-2600 Transceiver
Author>Oros, Edward - AC3L
Source>QST Feb 95, p. 65
Abstract>Modify the Uniden HR-2600 to provide continuously variable transmit frequency adjustment.

Digest>The Uniden HR-2600 is a 10-meter transceiver designed for mobile use. It is quite versatile, can operate in SSB, FM, AM and CW modes, and can also operate with repeater splits. Its usefulness for certain modes, such as digital modes, is limited by its method of tuning. Its frequency can be adjusted only in steps of 50-Hz. There is an RIT function that allows the receiver section to be tuned precisely, but that does not apply to the transmit frequency.

AC3L discovered that, with a relatively simple modification, he can make the transmitter frequency track with the receiver, thereby eliminating the problem.

His letter describes, in complete detail, how it is done. The description is written in narrative form, not using schematic diagrams. Instead, it explains to the reader how to lay the rig on its side, how to find a small, square, green PC board mounted vertically to the radio's inside front; where to find two white wires leading from so-and-so a place, and like instructions. He even identifies certain components with descriptions like: "white, with crosses on their tops".

His instructions are meticulous and seemingly complete. Following them, no careful ham should encounter much difficulty in duplicating the modification IF every HR-2600 that ever came off the assembly line is made precisely the same as the author's model. One can only hope that there were no "Engineering Change Orders" made during the production run in the Uniden factory!

Title>HK2:Feeding a Quad With Open-Wire Line Instead of Coax
Author>Robb, Curtis - NT5E
Source>QST Feb 95, pp. 65-66
Abstract>Feeding a multiband quad antenna with a single, open-wire transmission line.

Digest>NT5E put up a 4-band 2-element quad, for 20-, 17-, 15-, and 10-meters, located 325-feet from his shack. To minimize transmission-line losses, he fed the antenna with 450-ohm open-wire line. He connected all four of the driven elements in parallel to be fed by the single transmission line and used an antenna tuner.

The operating results were actually better than he had hoped. Not only could he tune the antenna to 1:1 SWR over full band width of the four design bands, but also, he found that he could load it up on three additional bands: 40-, 30- and 12-meters. On the three extra bands, the antenna performs approximately as a dipole, but with a noticeable front-to-back ratio.

Title>HK3:Stalking the Elusive Touch-Controlled Lamp
Author>McCook, Jim - W6YA
Source>QST Feb 95, p. 66
Abstract>Finding the source of an intractable interfering radio noise.

Digest>This letter describes the difficulty the author had in tracking down a very intense 60-Hz. noise with a bandwidth of about 30-KHz. that drifted around on the 40-meter CW band. After searching with a portable HF radio all around the neighborhood many times, he finally found a bundle of telephone wires leading down a power pole where the offending noise was not only detectable, but very strong, within 2- or 3-feet of the bundle.

A telephone-company trouble shooter was very cooperative and allowed W6YA to locate on which telephone line the noise was apparently being carried. When he went to that house, the homeowner was likewise very cooperative and they soon found a touch-controlled light switch on the stove in the kitchen of the house. He does not explain, and probably does not know, how the noise from a light switch got onto the telephone line. Nevertheless it did and was propagated on it, but was not detectable on the power line!

Title>HK4:An IC Amplifier for the ARRL Handbook RX Noise Bridge
Author>Shelhamer, Mark - WA3YNO
Source>QST Feb 95, p. 66
Abstract>Construction details of an improved and simplified amplifier for the null-detection circuit of an RX noise bridge.

Digest>All recent editions of the ARRL Handbook has contained a description of an RX noise bridge that uses a 2-transistor amplifier in its null-detection circuit. WA3YNO designed and built a simplified and improved amplifier using a single IC circuit. A schematic diagram is

included with his letter.

Unfortunately, the IC circuit that he used, an LM-703, is now obsolete. The editor added a different set of pin numbers on the diagram that a builder could use in substituting either a replacement chip from NTE/ECG or National Semiconductor's LM-703M.

NEW HAM COMPANION (NHC)

Title>NHC1:Baby in the Shack!
Author>Danzer, Paul - N1II
Source>QST Feb 95, pp. 48-50
Abstract>"Baby-proof" a hamshack so that the child cannot be hurt by the equipment, or vice versa!

Digest>Every ham who is a parent or grandparent of small children, or for other reasons may find small children in or near the hamshack, needs to give thought to "baby-proofing" the area. First and foremost, baby's safety must be assured! Secondarily, little fingers and hands (not to mention feet) have great propensity for getting into places where they do not belong. Make extra sure that no little hand can flip a switch or twist a dial that would result in burning up your high-power amplifier tube, for example.

Safety precautions are necessary not only in the shack itself, but also out on the "antenna farm". Towers make marvelous "jungle gyms", in the eyes of children of all ages. Make sure your towers are unclimbable! Sheets of plywood attached to, and covering up, the lower 6- or 8-feet of the tower can make it impossible for even a teenage boy to climb.

In general, try to imagine all the "worst cases" that might occur and take whatever precautions are necessary to prevent them.

Title>NHC2:40 Meters, 40 Dollars
Author>Bowles, Chester S. - AA1EX
Source>QST Feb 95, pp. 51, 57
Abstract>Make a miniature 40-meter dipole from 2 mobile whip antennas.

Digest>AA1EX describes in this short article how he made a small size 40-meter dipole out of two 7-foot mobile whip antennas designed to resonate as monopoles on that band. He mounted them base-to-base on a piece of steel angle, insulating the bottoms from the support using the plastic spacers and washers supplied for mounting the whips on vehicles. He fed them using coax with the center conductor attached to one whip, and the shield to the other. The result was a dipole 14-feet long that resonated very well on 40-meters and covered the entire band with an SWR that never exceeded 1.5:1.

At the feed point, he formed the feed line into a coax balun by winding the last few feet into a 6-turn coil.

He mounted the assembly on the same mast below his beam antenna and uses it as a rotary dipole. It is very helpful in reducing local interference. He can rotate it to null out most local interference.

For transmitting, he finds his signals to be good, never more than one or two S-units below that from his full-size 80-meter dipole at 45-foot altitude.

The whip antenna is so lightweight that it could easily be rotated using a TV rotator. Mr. Bowles also points out that similar whip antennas are available for all the other MF/HF bands and similar antennas could be built for any of them.

Title>NHC3:The Novice Field Day Station Roundup
Author>Polkinghorn, Michael - KD6PUD
Source>QST Feb 95, p. 52
Abstract>Operating a novice station on Field Day.

Digest>KD6PUD and several other novices were invited to operate a novice station as part of the W6RHC Field Day operation. They did so and had a great time, which is described in this article.

Title>NHC4:Harkers Island on the Air!
Author>Capon, Robert S. - WA3ULH
Source>QST Feb 95, pp. 53-55
Abstract>How a North Carolina island was put on the air as an IOTA event.

Digest>This article describes how a group of five amateurs put Harkers Island, North Carolina, on the air as an IOTA (Islands on the Air) event. IOTA is an award program established and maintained by the Radio Society of Great Britain (RSGB). It is somewhat similar to the DX Century Club (DXCC) in that it presents award to amateurs who contact more than 100 islands throughout the world.

To receive credit, the specific island must be listed in the IOTA directory which is published yearly by the RSGB. It already includes many hundreds of islands, and more are being added continually. Islands are accepted for listing if (1) they are shown on a map with a scale of at least 1,000,000:1, and, (2) it lies within one kilometer of the mainland, it must be separated from it at all points by at least 200-meters of sea at low tide.

Harkers Island is off the Atlantic coast of North Carolina, close to the town of Beauport. It is connected to the mainland by a causeway and has a permanent population of 1600 people.

The group rented a cottage on the island and set up their gear, including antennas, on a Friday evening. They operated until Sunday evening and made approximately 1000 contacts, working all continents and 48 DXCC countries!

Title>NHC5:The Doctor is IN
Author>Various
Source>QST Feb 95, pp. 56-57
Abstract>Questions and answers of primary interest to newcomers.

Digest>Questions and answers this month include what to do about the new postal rates with the QSL Bureau; the meaning of "Readability" in the RST system; how low is too low for an 80-meter dipole; how to improve reception of signals from aircraft; how to orient a beam antenna with true north; whether a ham with technician-class license can use a gateway from VHF packet to 20-meters; among others.

Title>An AGC Audio Preamp for All Seasons
Author>Miller, Dave - NZ9E
Source>QST Mar 95, p. 58
Abstract>Construction details of an automatic gain-controlled audio preamplifier

Digest>There are a number of applications of audio gear that require a relatively steady input signal level. For example, effective operation of a digital signal processor (DSP) requires that the audio volume be set so that the received signal strength approaches, but does not reach, the upper limit where saturation occurs. But in QSOs, especially in round-tables, the received signal levels may vary drastically. To avoid the necessity of continuously adjusting the audio gain in such situations, NZ9E designed and built a simple audio preamplifier with automatic gain control (AGC).

In this article, he provides a circuit diagram, parts list, and full construction details. It uses a common 741 op amp and a few other parts, built on a very small PC board. The author uses it to provide the input to a W9GR DSP unit and reports that it very effectively handles wide swings in signal levels.

An etched and drilled PC board is available from FAR Circuits, 18N640 Field Court, Dundee, IL 60118 for $5.50, including domestic shipping.

RADIO TIPS (RT)

Title>RT1:Those Mysterious "Numbers Stations"
Author>Phillips, Curt - KD4YU
Source>QST Feb 95, p. 50
Abstract>Spy stations on the air.

Digest>Ever since the 1960's, there have been quite a few unidentified stations scattered across the spectrum from 2-MHz. to about 26-MHz. that broadcast seemingly random numbers in both CW and voice transmissions. Various of them are heard speaking Spanish, Russian, German, and English. They never identify themselves.

The identity and purpose of these stations has never been officially announced, but unofficially it is now understood that these are spy transmissions to communicate with operatives in countries throughout the world. No one can explain why the activity of such stations has not seemed to decrease since the end of the Cold War!

Title>RT2:What is TAPR?
Author>Keith, Larry - KQ4BY
Source>QST Feb 95, p. 55
Abstract>Describing Tucson Amateur Packet Radio and its activities.

Digest>TAPR stands for Tucson Amateur Packet Radio. It is a non-profit organization, supported by the members, made up of people interested in research and development of packet equipment and in digital communications, in general. The organization and its first product, a TNC, were created in 1982 by six people, members of the IEEE Computer Society. The organization now has more than 1000 members. It continues to develop kits for the amateur radio world and to disseminate technical information.

Anyone interested in the design aspects of digital gear is invited to join the organization by sending $15 to Tucson Amateur Packet Radio, 8987-309 East Tanque Verde Road, No. 337, Tucson, Arizona 85749-9399. The membership fee for Canada and Mexico is $18 (US), and outside North America $25. Members receive the Packet Status Register newsletters which, the author states: "contain a quarterly torrent of timeless technical information".

Anyone with Internet access can obtain TAPR information by sending a message to: listserv@tapr.org containing the word "request" in the subject line and the following lines in the body of the message:
help
index -all
get taprinfo.txt

By return E-Mail, the inquirer will receive full information about TAPR and its activities.

GENERAL INTEREST ARTICLES (GI)

Title>GI1:Remembering Hugo Gernsback
Author>McElroy, Gil - VE1PKD
Source>QST Feb 95, pp. 37-39
Abstract>In memory of a pioneering publisher of radio magazines and books.

Digest>From the earliest days of radio until the 1960's, Hugo Gernsback was a name known to everyone interested in radio in the United States, if not throughout the world, as a publisher of books and magazines on radio, and on many other subjects, including science fiction.

Gernsback was born in Luxembourg in 1884 and came to America in 1904. In 1906, he opened the first retail store in America that sold radio apparatus directly to the public. To promote his retail business, he published a catalog. His publishing business grew from that beginning.

In 1908, he began to publish MODERN ELECTRICS magazine and, the following year, founded the Wireless Association of America. He promoted the organization through his magazine, never hesitating also to promote himself and his purported accomplishments. Soon he was claiming a membership of 10,000 in his organization.

By 1912, radio had grown without regulation. Responsible people from all sides, including especially the U.S. Navy, were demanding government action to regulate the use of the airwaves to protect vital communications links, especially with ships at sea. Several bills were introduced in Congress that would have essentially eliminated amateur radio experimentation.

Gernsback, with his magazine and organization, played a vital role in organizing opposition to the more egregious aspects of some of the proposed regulations and guaranteeing the access of amateurs to some of the less-desirable parts of the radio spectrum. As a result, the First Radio Act required amateur activity to be confined to wavelengths shorter than 200-meters, which were considered useless for commercial purposes. A corollary to that proscription was that it established the legal right for amateur activities on "short waves".

In 1914, the ARRL was founded and the Wireless Association of America withered, but Gernsback's publishing empire flourished. Among his magazines was the first one devoted to science fiction. Today, his name is honored by the yearly award for the best science fiction, which is named "Hugo" in recognition of his status as the founder of science fiction publication.

Gernsback died in 1967.

Title>GI2:A Van for All Reasons
Author>Reinhardt, Jeff - KM6II
Source>QST Feb 95, p. 40-42
Abstract>Describes a van that was modified for use as a mobile radio center.

Digest>This the story of a '75 Chevrolet Step-Van that was purchased in 1985 by Bob Burns - N6ZH and converted to use as a mobile ham radio station for emergency communications and Field Day activities. He equipped it with radios, computers, packet facilities, and power generators. Operated by groups of hams under his leadership, it participated in many emergency drills, community events, and worked with the Los Angeles Police Department during the Pope's visit to L.A.

Later the van changed hands and was eventually donated to the Los Angeles County Sheriff's Disaster Communications Service. Since then, it has been kept busy during floods, fires, landslides, as well as

during foot races, concerts, and walk-a-thons.

Title>GI3:A Ham's Tour of London
Author>Columbus, Jack - VE1XT
Source>QST Feb 95, p. 43
Abstract>A guide to places of interest to amateurs in London, England.

Digest>VE1XT has written a one-page travel guide describing several of the places and institutions in London, England that would be of interest to visiting radio amateurs. Included are the Science Museum at South Kensington; the old Royal Observatory at Greenwich, where the prime meridian (0-degrees longitude) is located; and the headquarters of the Radio Society of Great Britain (RSGB), which includes the editorial offices of RADIO COMMUNICATIONS (RADCOM) and the club station, GB3RS.

Title>GI4:The Kid's Radio Station
Author>Bykov, Vladimir - UA4WHX/AC4LN
Source>QST Feb 95, p. 44
Abstract>A Russian ham describes activities in Russia, before and after the demise of the U.S.S.R.

Digest>The author, Vladimir Bykov, is a young Russian who describes his experiences as a radio amateur in the Soviet Union in the 1980s and relates how conditions have changed since then. He lives in the city of Izhevsk, Russia and, at the age of 13, joined the radio club that was supported by the city government. He also describes the large Youth Leisure Center where the club is located. It was built by the government to house all kinds of activities for ages 7 through 18. As he describes it, it is somewhat like a very large YMCA/YWCA providing a great many specialized activities of all kinds "from ballet to theater to biology clubs".

The radio equipment that the club originally had available was quite limited, but he and a number of his friends became licensed operators and very enthusiastic hams.

After attending college and serving for two years in the military, he returned to Izhevsk and obtained a job at the leisure center as a member of the staff. One of his first actions was to reorganize the radio club, which had disbanded.

In 1991, UA4WHX visited the USA and obtained a U.S. license, KD4DZH, later AC4LN. The many friends that he made in Kentucky and Alabama during his visit raised money to buy a second-hand transceiver that he took back to Russia when he returned. The availability of a modern transceiver was a great thrill to all the members, and they thoroughly enjoyed working DX during the good propagation conditions of that year.

The following year he again visited this country and, this time, was able to contact his friends in Russia by radio. He made it a point to record the sounds of the Russian radio signal so that he could play

it back for them after he returned, which they thoroughly enjoyed hearing.

Title>GI5:The Man From HI-Manuals
Author>O'Brien, Mike - N0NLQ
Source>QST Feb 95, pp. 45-46
Abstract>About Alan McMillan - W0JJK who supplies copies of manuals for obsolete radio equipment.

Digest>This article describes the activities of Alan McMillan - W0JJK, who is "dba" (doing business as) HI-Manuals. He was formerly manager of Myerson's World Radio Labs that operated a mail order electronics supply house. It also manufactured the Globe line of ham equipment from the 1940s through the '60s.

When the Myersons decided to withdraw from the ham business, Mr. McMillan bought the radio assets of the company. Among them was a collection of manuals of all kinds of amateur gear from those earlier years.

He operated a ham store until the 1980s and became known as a source for copies of the early manuals. Due to a deterioration of his health in the early '80s, he closed his radio business but continued to supply manuals, operating from his home. Ever since, he has had a thriving and continuously growing business supplying manuals for old equipment.

Anyone who wants copies of technical or operating manuals for equipment no longer manufactured will probably find it available from HI-Manuals. One can obtain a copy of the latest catalog listing the items available, and their prices, by sending $2 ($3 if outside the USA) to HI-Manuals, PO Box 802, Council Bluffs, IA, 51502.
---

wvanho@infinet.com

4267. Returned mail: warning: cannot send message for 4 hours

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 11:30:26 UTC
From: MAILER-DAEMON@floyd.santarosa.EDU
Message-ID: <199503281130.DAJ17597@floyd.santarosa.edu>
Source record: 249731

```
This is a MIME-encapsulated message

--DAJ17597.796390226/floyd.santarosa.edu

**********************************************
** THIS IS A WARNING MESSAGE ONLY **
** YOU DO NOT NEED TO RESEND YOUR MESSAGE **
**********************************************

The original message was received at Mon, 27 Mar 1995 23:16:58 -0800
from root@nermal [198.189.21.12]

----- The following addresses had delivery problems -----
<jwatrous@floyd> (transient failure)

----- Transcript of session follows -----
new spool file is /usr/spool/smail/input/0rtZTd-000eD1C
write_log:received
| from: info-hams@UCSD.EDU
| program: mail
| orig-id: <211AD827564@cs.santarosa.edu>
| size: 28104 bytes
director user matched user jwatrous
transport local uses driver appendfile
appendfile: write to file /var/spool/mail/jwatrous
write_log:jwatrous ... deferred: (ERR_134) transport local: failed to lock mailbox
<jwatrous@floyd>... Deferred
Warning: message still undelivered after 4 hours
Will keep trying until message is 5 days old

----- Original message follows -----

--DAJ17597.796390226/floyd.santarosa.edu
Content-Type: message/rfc822

Return-Path: info-hams@UCSD.EDU
Received: from nermal.santarosa.edu (root@nermal [198.189.21.12]) by floyd.santarosa.edu
(8.6.10/8.6.10) with SMTP id XAA13064 for <jwatrous@floyd>; Mon, 27 Mar 1995 23:16:58 -0800
Received: from cs.santarosa.edu by nermal.santarosa.edu with smtp
(Smail3.1.28.1 #100) id m0rtVVl-0000TQC; Mon, 27 Mar 95 23:16 PST
Received: from POOKIE/MERCQ by cs.santarosa.edu (Mercury 1.20);
27 Mar 95 23:13:36 PST8PDT
Received: from MERCQ by POOKIE (Mercury 1.20); 27 Mar 95 23:13:15 PST8PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@UCSD.EDU>
To: "SRJC Distribution of Info-HAMS" <hams@cs.santarosa.edu>
Subject: Info-Hams Digest V95 #247
Date: Mon, 27 Mar 95 21:01:48 PST
```

Errors-to: <dave@cs.santarosa.edu>
Sender: Maiser@cs.santarosa.edu
X-listname: <hams@cs.santarosa.edu>
Reply-To: Info-Hams@UCSD.EDU
X-Mailer: Mercury MTS v1.20
Message-ID: <211AD827564@cs.santarosa.edu>

Info-Hams Digest Mon, 27 Mar 95 Volume 95 : Issue 247

Today's Topics:
2 METER BAND OPEN!!!
ANARTS RTTY NEWS BULLETIN 851 26/03/95
Call sign re-allocation
EXCELLENT!!! 100 mhz TEKTRONIX model 2235 dual trace OSCILLOSCOPE!!
Help: with automobile RFI problem
ICOM W21AT BP-130 and LC-105
Looking for Red Plastic (2 msgs)
Origin of PCM?
Part 15 Subjectibility??
R.A.D.I.O. - Follow up on L.I. Tower Case
Special Event Station @ Indiana University
WANT HAM FTP SITES!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Mar 1995 14:15:15 -0600
From: horak@convex.com (David Horak)
Subject: 2 METER BAND OPEN!!!

Last night was the best yet around eastern Texas. I worked 2 meter FM
to Mexico, Alabama, Mississippi, Louisiana, Arkansas and Oklahoma. Of
course, I didn't come in to work until lunch today since I stayed up
all night! :-)

N5OFQ (just your average call)
David Horak (not your average Dave)
Plano, Texas (not your average plain-O town :-)

Date: 27 Mar 1995 11:17:57 +1000
From: dave@eram.esi.com.au (Dave Horsfall)
Subject: ANARTS RTTY NEWS BULLETIN 851 26/03/95

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 851 26/03/95

Schedule for this Sunday 26th only due staff shortage.
(Volunteers welcome as situation will deteriorate)

3.545 MHz (Plus/minus 5) 0930 UTC VK2BQS (Jim)
7.045 MHz -3 0030 UTC
14.070 MHz (amtor/fec) 0030 UTC
14.091 MHz 0030 UTC VK2BQS (JIM)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater) VK2RTY

7.042 Mhz amtor/pactor mbs

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

For your interest ...
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1. Australia is the world's heaviest per capita user of
Internet, the international computer network.
2. Australia has the second highest number of personal
computers per capita in the world, after the United States.
3. Australia has the second highest level of computing power
per capita in the world, after the United States.
4. Australia is the eighth largest user of personal
computers worldwide.
5. Australia's information technology market is worth more
than 10 billion dollars Australian per year, second only to
Japan in the Asia-Pacific region.
6. Australia's information technology industry is bigger
than Korea's and nine times the size of Singapore's and Hong
Kong's.
7. Australia's business employs more than 2.7 million
personal computers - 48 per cent are on local area networks.
8. Australia's information technology companies export almost
2.5 billion dollars Australian of products a year.

(Source: IREE Monitor vol. 19 issue 5) Courtesy of Clem VK6CW

IPS WEEKLY REPORT
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17 MARCH - 23 MARCH

DATE OF ISSUE: 24 MARCH 1995

INDICES:

DATE 17 18 19 20 21 22 23
10CM 83 92 84 89 90 94 94
A 8 4 3 4 1 3 (7 ESTIMATED)
T 38 27 37 34 30 32 39

SOLAR ACTIVITY WAS VERY LOW 17TH TO 21ST, AND 23RD MARCH; AND MODERATE ON 22ND WITH AN M2 FLARE.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 17TH AND 23RD MARCH, AND QUIET FOR THE REMAINDER OF THE PERIOD.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE ENHANCED BY 10 TO 20 PER CENT ON 17TH, THEN NEAR NORMAL UNTIL 23RD WHEN FREQUENCIES WERE NEAR NORMAL TO SLIGHTLY ENHANCED.

FORECAST (24 MARCH - 30 MARCH)

SOLAR: VERY LOW TO LOW.

GEOMAGNETIC: ACTIVE TO MINOR STORM PERIODS 26 TO 30 MARCH, QUIET TO UNSETTLED THEREAFTER.

IONOSPHERIC: MOSTLY NEAR NORMAL, 15 PER CENT DEPRESSED EXPECTED ON 29 TO 30 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

VK2SG RTTY DX NOTES FOR WEEKENDING 17 MARCH 95 (BID RTDX0317)

OUR THANKS THIS WEEK GO TO: ZS5S, W2JGR, WB2CJL, AA5AU, KD2YG, JF1MGI, I5IGQ, THE K5NV AND IK5PWJ PACKETCLUSTER.

BANDPASS:
FRIDAY 10
0016-14085 LU/KI4PR
0159-14080 XU7VK
0217-14087 CX7BF
0218-14087 CE8SFG
0234-14080 VP8CKN
0324-14087 ZL4GO
0658-14069 SU1CR PACTOR
1125-14069 TL8MS PACTOR
1655-14080 IS0QDV
1703-14088 LZ1MC
1729-14084 EA6ABJ
1755-14089 9H1BV
1800-14083 FR5HG/E
1812-14088 J28JJ
1814-14084 EI5V
1816-14084 FG5FI
1827-14083 SV9ABG
2036-14066 5N3ALE PACTOR

SATURDAY 11
1303-14084 ER1ER
1305-14086 GI0BQX
1344-14082 UX0KN
1351-14084 ER3ED
1352-14087 4X6ZK
1404-14088 GU0SUP
1650-14090 9Q5TT QSL ON5NT
1720-14085 ZA1MH
1745-14069 5X4B PACTOR
1748-14083 FR5HG/E EUROPA IS. QSL F6FNU
1913-14084 TZ6FIC
2116-14084 CO3SG
2127-14084 RA0FU
2159-14088 KC6VW QSL JA6BSM
2201-14083 TL8MS
2326-14083 TU4EY
2245-14086 8R1RPN

SUNDAY 12
1415-14086 UX0KN
1456-14085 4X6ZK
1500-14086 HK6HFY
1501-14088 S54A
1641-14089 9Q5TT
1649-14086 9H1BV
1732-14085 XF0C SEE NOTE
1752-14075 5T5MS
1813-14085 9U/F6IQA AMTOR FEC QSL F6ITD
1829-14082 9U/F6IQA PACTOR
1834-14085 KP4CKY
1837-14083 CO3SG
1911-14087 FG5FT
2328-14085 V73EI

MONDAY 13
0121-14067 PP2ZDX PACTOR
0130-14086 VP5JM
0133-14085 XF0C
0139-14087 VP8CKN
1108-14069 TL8MS PACTOR
1523-14084 5H3JA
1704-14085 FR5HG/E QSX 4-5
1934-14087 FY5FJ QSL IK1HTW
1951-14085 9U/F6IQA
2327-14082 RA0FU
2336-14087 ZP6DN

TUESDAY 14
0800-14069 S92ZM PACTOR
1033-14074 V85GA PACTOR
1459-14083 XF0C

1509-14087 4X6UO
1547-14085 IS0MVE
1549-14089 ED5SAR
1815-14083 WP4ISP
1952-14087 9Q5MRC
2310-14085 KC6VW

WEDNESDAY 15
0135-14082 XU7VK
0630-14087 V51GB
0650-14084 5Z4FM
1000-14077 V85GA PACTOR
1749-14085 FR5HG/E QSX UP 4
1801-14087 XF0C
2108-14084 WP4Q
2112-14085 CO2KG

THURSDAY 16
0638-14069 TL8MS PACTOR
0644-14069 S92ZM PACTOR
1535-14085 PA56W SPECIAL PREFIX
1901-14087 XF0C
1905-14083 CO3SG

NOTES OF INTEREST:
CLARION IS. XF0C. IF SOMEONE STILL NEED REVILLAGIGEDOS, XF4 ON DIGITAL THIS IS A CHANCE. THE TRIP BY XE1BEF INTO THIS ISLAND (NA-115) ONE OF REVILLAGIGEDOS GROUP,ALONG WITH SAN BENEDICTO, ROCA PARTIDA AND ISLA SOCORRO SHOULD HAVE ENDED ON MARCH 18TH. QSL TO HECTOR ESPINOSA F.P.O.BOX 231, COLIMA 28000, MEXICO.

CONGO, TN. RECENT OPERATION TN2M AND TN4U HAS BEEN APPROVED BY DXCC DESK. CARDS ARE ACCEPTED FOR CREDIT.

TOKELAU, ZK3. RON, ZL1AMO DURING APRIL WILL BE OPERATING FROM THIS RARE PLACE (OC-048) STAY TUNED FOR MORE DETAILS.

MICRONESIA,V63. TOSY,JA6VZB WAS ACTIVE AS V63BM FROM MARCH 17th 17TH TILL 20TH. OPERATIONS INCLUDE RTTY. QSL VIA JA6BSM.

THE VK2SG RTTY DX NOTES ARE AVAILABLE ON INTERNET VIA TELNET OR FTP AT AB6Z.AMP.ORG. THE DIRECTORY IS CALLED/RTTYNOTE.

FOR NEXT WEEK'S BULLETIN SEND YOUR BANDPASS TO JULES, WB2CJL AT W5KSI.#NOLA.LA.USA.NA.

GL DE (DX2) LUCIANO, I5FLN AT ZS5S.ZAF.AF

DX BULLETIN 12 ARLD012
FROM ARRL HEADQUARTERS
NEWINGTON CT MARCH 16, 1995
TO ALL RADIO AMATEURS

ARLD012 DX NEWS

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFORMATION PROVIDED BY TEDD, KB8NW, THE OPDX BULLETIN, ANTOINE, F6FNU, THE YANKEE CLIPPER CONTEST CLUB PACKETCLUSTER NETWORK AND THE CONTEST CORRAL COLUMN FROM THE PAGES OF QST MAGAZINE. THANKS TO ALL.

TUNISIA. 3V8BB HAS SUBMITTED PROPER DOCUMENTATION. CARDS WILL NOW BE ACCEPTED FOR DXCC CREDIT.

ZAIRE. PETER, ON6TT, CONTINUES TO BE ACTIVE AS 9Q5TT. HE WAS RECENTLY OPERATING RTTY ON 20 METERS STARTING AT AROUND 2030Z.

BAHRAIN. THE DX NEWS LETTER (DXNL) REPORTS THAT ADMIRAL SCOTTY REDD OF THE US NAVY, KA SIGNING A92Q. LISTEN FOR HIS 40 METER CW. QSL VIA BOX 116, MANAMA, BAHRAIN.

MALTA. BIRGIT, DL7VTZ, AND HOLGER, DL7VTM, WILL BE ON GOZO ISLAND FROM MARCH 24 TO APRIL 7 SIGNING 9H1TZ AND 9H1TY, RESPECTIVELY. YOU MAY REMEMBER THEIR RECENT DXP AS TN2M ES TN4U FROM THE CONGO. PLANS ARE TO PARTICIPATE IN THE CQWW WPX CONTEST ON THE 25TH AND 26TH. ACTIVITY WILL BE ON ALL BANDS WITH 100 WATTS AND WIRE ANTENNAS. QSL VIA DL7VRO.

BOUVET ISLAND. UA9OBA WILL BE DOING SOME EXTENSIVE TRAVELING THROUGHOUT THE ANTARCTIC AND ARCTIC REGIONS BEGINNING IN JUNE. ALONG THE WAY HE PLANS TO ACTIVATE A FEW NEW IOTAS, NAMELY NANSKIAN AND SCOTT ISLANDS. AT THE END OF THIS LONG TRIP SOMETIME IN LATE OCTOBER OR NOVEMBER HE HOPES TO OPERATE FROM BOUVET, AN-002.

SRI LANKA. WILLEM, ON6TZ, AND GERARD, ON4ASQ, WILL BE ACTIVE UNTIL APRIL 1.

ISRAEL. RIKI, 4X IS ACTIVE ON 160 METERS 20 MINUTES BEFORE AND AFTER HIS SUNSET. HE CAN USUALLY BE FOUND ON OR NEAR 1830 KHZ LISTENING UP. HE NEEDS ID, ND, NV, OR AND UT TO COMPLETE HIS WAS.

CONGO. YL OP HAZEL WAS HEARD LAST WEEKEND SIGNING TN7OT ON 14220 KHZ AROUND 1945Z.

KUWAIT. FAISAL, 9K2HA, REPORTS THAT AS OF MARCH 1, ALL FOREIGN AMATEURS VISITING KUWAIT MUST SIGN 9K2/THEIR HOME CALLS. PLEASE BE AWARE THAT SOME CALLS ONCE ISSUED TO FOREIGNERS ARE NOW ASSIGNED TO KUWAITI NATIONALS. FOR EXAMPLE, 9K2ZZ NOW BELONGS TO FAISAL, EX-9K2HA. QSL VIA ON6BY. AS OF MARCH 1, 9K2ZZ IS 9K2/N6BFM, 9K2ZC IS 9K2/KI0K, AND 9K2YY IS 9K2/N0YKI.

PACIFIC DXPEDITION. TOSY, JA6VZB, WAS ACTIVE FROM BELAU AS KC6VW UNTIL MARCH 17, AND FROM MICRONESIA AS V63BM MARCH 17, 18 AND 19, AND GUAM AS AH0T/KH2 MARCH 19 AND POSSIBLY LONGER. HE WILL WORK ALL BANDS USING CW, SSB AND RTTY, BUT CONCENTRATE

ON 160 METERS AND RTTY. ONLY QSL VIA THE BUREAU TO JA6BSM.

EUROPA. FR5HG SHOULD BE ACTIVE THROUGH APRIL 30 WITH CW, RTTY AND SSB. HE RUNS 500 WATTS TO A LOG PERIODIC ANTENNA. QSL VIA F6FNU.

ASCENSION ISLAND. G4RWD IS ON THE AIR AS ZD8WD UNTIL SEPTEMBER.

CARIBBEAN DXPEDITION. MARK, DL1XAQ, AND RALF, DL9XAT, WILL BE ON FROM FOUR DIFFERENT IOTAS IN THE CARIBBEAN. HERE IS THEIR SCHEDULE. FROM MARCH 25 TO 26, THE SAINT VINCENT AREA, J8, NA-109. MARCH 27 TO APRIL 1 FROM NA-025. APRIL 1 TO 4 FROM SAINT LUCIA AREA, J6, NA-108. APRIL 4 TO 8 FROM THE GUADELOUPE AREA, FG, NA-102. ACTIVITY WILL BE ON 80 THROUGH 10 METERS. QSL VIA THEIR HOME CALL SIGNS.

SAINT LUCIA. PETER, DK1RP, WILL BE ON THE AIR AS J6/DK1RP FROM APRIL 11 TO 29. HE WILL OPERATE PRIMARILY CW ON THE WARC BANDS. QSL VIA THE BUREAU.

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the Pres'nt (Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB. Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-ward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes ANARTS News Bulletin 851 26/03/95.

Inserted by VK2BQS (Jim) Vice-President ANARTS.

--

Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

Date: Mon, 27 Mar 1995 00:40:38 GMT
From: hidaka@lsi.melco.co.jp (Hideto Hidaka)
Subject: Call sign re-allocation

Dear all;

The March/'95 issue of QST let me notice that the FCC will re-allocate call signs
(vanished ones) beginning in this coming April.

I've never heard of this plan because I live in Japan now.
Please let me know ANY recent informations regarding this action,
especially how/when to get the FCC format for this application.

Actually I have a 2x1 call sign (NT1K) which I'd like to change to
a good old 1x2 call sign like W1** or K1** withiout K at the tail
for convenient CW operations.
Do I have any chance?

Thanks in advance.
March 27, 1995

Hideto Hidaka
NT1K/JH2NDY
hidaka@lsi.melco.co.jp

Date: 27 Mar 1995 00:44:05 GMT
From: rumn8@ix.netcom.com (Pete Leonard)
Subject: EXCELLENT!!! 100 mhz TEKTRONIX model 2235 dual trace OSCILLOSCOPE!!

For sale:

100Mhz Tektronix dual trace Oscilloscope Only $800.00
Model: 2235 Military grade
Both A and B channels plus TV trigger input
Includes: all probes/manuals that shipped with it.
In great shape and works perfectly!!

Also has service manual, users manual, discrete viewing hood, carry ase.
Asking just $800.00 (purchase price was near $3,000.00)

Email me or give me a call at 312-507-8026 (day) if I'm not in, just
leave a message and I'll call you back.
Pete

Date: 22 Mar 1995 03:19:26 GMT
From: dts@peanut.senie.com (Daniel Senie)
Subject: Help: with automobile RFI problem

In article <pW-4+vp.brunelli_pc@delphi.com>, <brunelli_pc@delphi.com> wrote:
)
)
)I am having the following noise problem with a mobile installation.
)Any suggestions regarding finding or eliminating the problem would
)be greatly appreciated. The car is a 1991 Isuzu Trooper and the
)rig is a Ten Tec Triton 4, and a Kenwood ts430. The antenna is an
)Outbacker Perth mounted on the spare tire carrier on the rear door.
)

)I get a s5+ static noise while the engine is running.
)It goes away when the antenna is disconnected.

Noise is entering through the antenna, not the power cord. Not unexpected.

)It does NOT change pitch or volume with load or RPM.

Then it is not likely related to ignition. Your ignition system would sound
different at different speeds.

)I have grounded the hood, engine, rear door, exhaust, and radio.
)I have not received interference from passing vehicles.
)
)It seems that the noise is related to the ignition system
)and i am checking with Isuzu regarding resistor wires or
)shielded wires.
)

I suggest you figure out where your fuel pump is. It's probably electric,
and probably in your fuel tank. This is unfortunately very near your
antenna.

Here's a test that works on some vehicles:

- with the car turned off, turn on the radio.
- turn the key to the power on position, but do NOT start
- do you hear the same S5 noise for a few seconds?

Some vehicles enable the electric fuel pump when the power is turned on,
and then if you don't start the car, will kill the pump again. The idea
is to pressurize the fuel line. Nissan vehicles exhibit the above. It's an
easy way to determine when you've tackled the fuel pump noise, as well.

I'll give Ed Hare an unabashed plug here... get the ARRL book, Radio
Frequency Interference, How To Find It and Fix It. It has a very good
section on automobile RFI.

Dan N1JEB
--

Daniel Senie Internet: dan@senie.com, n1jeb@senie.com
Daniel Senie Consulting http://www.senie.com
508-779-0439 Packet Radio: N1JEB@KA1SRD.MA

Date: 26 Mar 1995 07:25:03 -0500
From: jabarone@iii1.iii.net (Joe_B)
Subject: ICOM W21AT BP-130 and LC-105

Hi All,

I was wondering if anyone knew of a mail order house that would carry the
ICOM W21AT battery pack BP-130 and the carrying case LC-105. I bought
the ICOM HT on February 11 from Lentinis in Newington, CT and they had to

backorder the BP-130. They gave me the wrong case (LC-103 which fits another model). It's now been 6 WEEKS and I haven't received either of them yet. I'd like to find someplace that has them IN STOCK so I can cancel my current order. I believe HRO has the BP-130, but noone seems to have the LC-105 in stock. Thanks in advance....

Joseph Barone

Date: 25 Mar 1995 05:07:53 GMT
From: raiar@vulcan.inlink.com (Gary V. Deutschmann Sr.)
Subject: Looking for Red Plastic

Use a piece of clear plexi and on the back use colored cellophane, it will get you bu y....
Gary

Date: 26 Mar 1995 01:52:05 GMT
From: dts@peanut.senie.com (Daniel Senie)
Subject: Looking for Red Plastic

In article <3ks59n$8ve@detroit.freenet.org>,
Roland B. Burgan <rburgan@detroit.freenet.org> wrote:
)
)I'm looking for red plastic sheets that I can cut up for filters/
)bezels in front of LEDs (red) used for counter displays. I
)need something about 1" by 5", but would be nice to have something
)a little larger for other projects. Someone I'm sure will come
)up with an answer I should have thought of, but so far I've
)not found anything I can use. We do not have any hobbycraft
)stores in our area.
)--

You should check and see if you have a theatrical supply house in your area, or call a local theater (performing arts kind, not movie house) and find out where they buy gels. You can get gel material in just about any color of the rainbow. The stuff is used to color stage lighting.

Hope that helps!

--

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Date: 27 Mar 1995 01:35:23 GMT
From: am856@yfn.ysu.edu (Michael DeCosta III)
Subject: Origin of PCM?

I don't know why I didn't think of asking here sooner.

I am having a very interesting exchange in alt.video.laserdisc
about Pulse Code Modulation.

I recall its origin as a broadcast improvement over FM. The way it
was arrived at was overdrive the FM output amplifier so that it
would be heavily clipped in essence transforming the originally
frequency modlulated carrier into a variable width pulse modulated
carrier (PCM).

I was later taught in college digital electronic that PCM was a neat
wave to encode binary bit streams. I also recall learning that no matter
how the original PCM carrier was derrived (i.e. FM carrier clipping or
binary bit stream) the neat thing about PCM was that you always had the
option of either processing it in the digital or analog domain.

What I am interested in is that FM clipping is a form of flash
digitization.

I seek the wisdom of the gurus here to clarify to my thoughts and eliminate
any of my misconceptions.

I thank you in advance for your responses.

Date: 26 Mar 1995 01:48:38 GMT
From: dts@peanut.senie.com (Daniel Senie)
Subject: Part 15 Subjectibility??

In article <1995Mar23.145749.25666@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
)In article <3ko99v$1q2c@yuma.ACNS.ColoState.EDU> drranu@holly.ACNS.ColoState.EDU (Emarit
Ranu) writes:
)>
)> I noticed that the Kenwood TH-79A/D's and TH-28A's have
)> the dreaded "...complies with part 15 of the FCC rules..."
)> sticker on them. Is this because of the computing devices
)> in them? If so, then would not all microprocessor controlled
)> radios necissitate this sticker? I was under the impression
)> that we were under soley part 97. Maybe I am wrong, some
)> one set me straight and explain this one please.
)
)Anything with a computing device needs Part 15 certification (at
)least for now, the FCC has announced plans to relax that).

I didn't read the same thing into the FCC's NPRM. What I read was
that they were going to relax the REPORTING rules such that a device
which has been tested and shown to meet Part 15 could then be sold
without waiting for the paperwork to be processed and approved by
the FCC.

There is not going to be a significant change in the part 15 emissions
of computer devices, especially any sold into Europe. Devices have to

meet much tighter standards to be sold in Europe than they do to pass
FCC part 15.

--

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Date: 25 Mar 1995 16:20:51 GMT
From: hmn@i-2000.com
Subject: R.A.D.I.O. - Follow up on L.I. Tower Case

For the latest in the On going battle between NK2T and The Town
of Hempstead, NY call the R.A.D.I.O. information line 24 hrs/day
at 516-735-2500. You will not believe what has happen now!
Is there a trend in the making? Long Island Amateurs Beware.

Date: 27 Mar 1995 00:24:46 GMT
From: dbasinge@nickel.ucs.indiana.edu (Mike Basinger)
Subject: Special Event Station @ Indiana University

The Indiana University ARC will operate K9IU throughout the month of
April to commemorate the 175th anniversary of Indiana
University. Operation will be on the 80 to 10 meter amateur radio
bands and the 2 meter amateur band. For certificate and QSL, send QSL and a
9x12 inch SASE to:

K9IU
Indiana University ARC
Indiana Memorial Union, Room 21
Bloomington, IN 47405

We will also be manning a special event on April 1, 1995 from 11am to
7pm. The frequencies we will be monitoring are:

Band CW Phone
---
80 meter 3.680 Mhz 3.880 Mhz
40 meter 7.130 Mhz 7.270 Mhz
20 meter 14.040 Mhz 14.270 Mhz
15 meter 21.130 Mhz 21.365 Mhz
10 meter 28.130 Mhz 28.470 Mhz
2 meter 146.520 Mhz (simplex)

A prize will be sent to every 100th contact made on April 1st.

Also contact via our repeater at 146.940- Mhz
--
D. Michael Basinger [N9YYO]

dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

Date: Thu, 23 Mar 95 16:01:05 GMT
From: tony@gcr1.com (Tony Salvador)
Subject: WANT HAM FTP SITES!

Anyone have a list (short or long) of any HAM FTP's ?
-
reply at: tony@gcr1.com

Date: 26 Mar 1995 17:41:44 GMT
From: sjnoll@rain.org ()

References<3kmqm6$ehn@eugene.convex.com> <1995Mar22.164930.21984@ke4zv.atl.ga.us>,
<3kr3qh$1h5@thor.inlink.com>
Subject: Re: Ramsey 220 MHz kit. Does it work?

My father has one. I can't recommend it. Some serious mistakes in the
manual that would cause it not to work if you weren't sharp. His currently
has a TX and RX noise problem. I don't doubt that there are others who
have had better luck. The old standard "It ain't no Heathkit" applies
here. Personally, I'd save up a bit more money and buy a commercial
Amateur 220 rig, new or used. There is no PL, or speaker either.

--
*** Steve J. Noll, Ventura CA, WA6EJO, sjnoll@rain.org ***

Date: 26 Mar 1995 01:44:53 GMT
From: dts@peanut.senie.com (Daniel Senie)

References<D5o9Dt.6In@eskimo.com> <3ko2gk$osl@gorgor.pa.tetherless.com>,
<1995Mar23.145420.25583@ke4zv.atl.ga.us>
Subject: Re: 420mhz and ATV

In article <1995Mar23.145420.25583@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
)In article <3ko2gk$osl@gorgor.pa.tetherless.com> Mark Oppenheim <Mark@Tetherless.com>
writes:
)>ACSB has not lived up to it's promise of being this big-time
)>replacement for FM. It's a good mode, but for some reason or
)>another, it just hasn't taken off. Hopefully it's use in the
)>220 MHz band will spur some of this on, I'd sure like to see it.
)>It's been around for what, 12-15 years, and still somewhat in it's
)>infancy.
)
)For amateurs, ACSB has little to offer over ordinary SSB. The

)pilot tone allows automatic tuning, but hams are used to tuning
)in SSB signals, so that's not the important advantage to hams
)that it is for commercial two-way users.

ACSB versus FM would be interesting if REPEATER operation were used, in
that it would significantly reduce signal bandwidth requirements versus
FM. Now it is all well and good that hams can tune SSB, but it is not so
easy for them to tune their transmitted frequency to match a repeater's
receiver, or for the repeater's receiver to autotune to the ham's signal.

That nice pilot tone provides a way for the repeater to tune properly as
well.

) And the 2x compandoring
)has been surpassed as a way of dealing with the noise floor by DSP
)processing techniques that will work with ordinary SSB.
)
)I suspect ACSB missed it's window of opportunity about 10 years
)ago and is now a dead horse.

I suspect you're right, especially given the expense issues. It's more
likely that various spread spectrum techniques, likely with DSP at the RF
stages, will be the future technology, not ACSB.

Dan
--

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Date: 25 Mar 1995 04:39:26 GMT
From: raiar@vulcan.inlink.com (Gary V. Deutschmann Sr.)

References<3kkedq$7r5@news-2.csn.net> <3kr3cl$1h5@thor.inlink.com>,
<3ku887$32e@acme.freenet.columbus.oh.us>
Subject: Re: Counterpoise question

Shows you what I know, Hi Hi....

Maybe I didn't need 10,000 fet et of wire afterall....

Gary

Date: 27 Mar 1995 00:46:55 GMT
From: tomw@qnet.com (Tom Wells)

References<1995Mar24.150227.21747@knight.vf.ge.com> <3kv4ea$djh@eugene.convex.com>,
<3l013o$s8e@news1.databank.com>
Subject: Re: HTX-202 10 Watts!

>>
>>>Mine puts out 25 watts! I couldn't believe it, but it's true.
>>>I run it straight off the battery in the car, and I get a solid
>>>25 watt output.
>>
>>Hey, Tom. Maybe if you plug it into an AC outlet you'll get 50 watts!
>>Try it and let me know! :-)
>>
>>David
>
>
>You know, the fact that these rigs can so easily and conveniently be
>mis-operated says a lot for never buying one used. Wonder if they'll
all
>drop dead in two or three years?
>
>Jack WB3U

I have an HTX-202 and I Do plug it into the cigaette plug. Have for
months. It only give 12 volts. The radio IS designed for that. As far
as 25 or 10 watts, YEAH RIGHT. Check the specs again.

Tom KB7RLA

End of Info-Hams Digest V95 #247
****

--DAJ17597.796390226/floyd.santarosa.edu--

4268. Re: Sos

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 11:40:57 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796392073.AA00902@hamlink.mn.org>
Source record: 249904

```
MM>
MM> Which dictionaries contain the word "prosign"? I'd be a bit
MM>reluctant to use a word that most people couldn't find in their
MM>desk dictionaries.
MM>

It probably doesn't exist in any dictionary. It is shorthand for
the term "PROcedural SIGnal".

73, de Hans, K0HB
```

4269. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 11:46:25 UTC
From: jmaass@freenet.columbus.oh.us
Message-ID: <3l8suh$2dc@acme.freenet.columbus.oh.us>
Source record: 249812
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Mike Chaloner (mikech@hysteria.bri.hp.com) wrote:
: When calculating the length of a counterpoise, as an odd
: number of quarter wavelengths, do you use a multiplier
: to take account of the velocity factor of the cable?

What cable?

The counterpoise wire(s) are attached to the ground lug of the transmitter or tuner directly. Their length is normally set for the middle of a band, and +/- for length is not particularly important for function.

Sure takes the bite out of an 'RF hot' shack!

73,
--
Jeff Maass NW of Columbus Ohio Amateur Radio K8ND
USPSA/IPSC # L-1192

4270. Re: 40 meters: 3 mhz wide?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 11:48:49 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796392073.AA00903@hamlink.mn.org>
Source record: 249905

MM>
MM>Is this a typo? A full 3 Mhz of band for 40 metres? You'd need a log
MM>periodic just to cover the 40m band! Can anyone at IARU confirm this
MM>IARU goal?
MM>

It's a typo. Should read .3MHz (300KHz). Currently only Region II
has this allocation. Regions I and III have .1MHz (7.000-7.100MHz).

73, de Hans, K0HB

4271. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 11:56:31 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796392073.AA00904@hamlink.mn.org>
Source record: 249906

MM>
MM>Tell a newbie this...
MM>
MM>Does one QSL to stations contacted in a contest?
MM>

Sure do Mike. In fact, a lot of "non-contesters" get on during contests to snag new countries or band-countries.

Be aware that many contest stations are "weekend expeditions" and the QSL route might be to a different station. For instance, a lot of "W" operators go to Caribbean islands for contests and take their QSL's at their home call location.

73, de Hans, K0HB

4272. Re: Question on distant stations

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 12:06:47 UTC
From: garryr@netcom.com
Message-ID: <garryrD65GBC.3G6@netcom.com>
Source record: 249819

C.Smith@physsci.utas.edu.au wrote:

Well where is the question ?from Garry
--
From Garry Ricketson
garryr@netcom.com

4273. Searching for Ham in France de jvoisin@innet.com

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 12:26:17 UTC
From: anonymous <unknown@innet.com>
Message-ID: <3l8v99$f7d@lucky.innet.com>
Source record: 249818

I posted a message yesterday but I feel I did it wrong. I am new on Internet so forgive me! Looking for F1PNQ, David Feist internet address. He lives in Neuilly near Paris. Thanks for the help.
Jacques Voisin, KD4TWB

4274. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 12:33:19 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3l8voc$f43@news1.databank.com>
Source record: 249817

little@iamu.chi.dec.com (Todd Little) Wrote:

>
>Well let's go back to basics. SWR is defined as:
>
> SWR = (1+rho)/(1-rho)
>

<SNIP>

We're already at the basics, Todd - you stated that "High VSWR occurs as a result of impedance mismatch between the antenna system and the transceiver (or amplifier/tuner if either or both is used.)"

In turn, I replied that the match between transmitter and antenna system determines power transfer, not VSWR.

You are attempting to distract attention from your error with unrelated math. You conclude that:

>
>So, yes, a 1:1 VSWR requires both an impedance match and a non-reactive
>load.
>

This is not applicable to your previous statement. I'll say it again - VSWR does not result from a mismatch between the characteristic output impedance of the transmitter and the antenna system. If you want to get to basics, * research this *. My statement directly contradicts what you have said and it is derived from authoritative works.

>
>You stated that high VSWR is the "cause" of
>"RF in the shack" and I simply am trying to point out that it is
>not necessarily the case. You seem to have admitted that already with
>the caveat that it occurs in "only a few conditions".
>

That's not what I said. If you're going to quote me, at least get it right. My comment was in reply to your statement that " 'RF in the shack' can occur with a VSWR of 1:1." By responding that I only knew of a few conditions that could cause this, I was saying that RF in the shack is almost always caused by high VSWR. This is consistent with every principle I have put forth throughout this discussion.

>
>As I said, I archive all the posts and would be glad to refer to them

>as necessary. You haven't given any reason as to why I should do so
>based upon my reading of all related posts.
>

You know, this conversation reminds me of discussions I had with CB'ers
in the '60's. They promoted the same misconceptions then as you do now,
and they were just as difficult to reach.

>
>Again, I simply state that high VSWR is not the sole cause of "RF in the
>shack" as you seem to imply.
>

Imply? You mean you went to all this trouble for an implication? Nonsense,
your goal throughout has been to prove someone wrong, otherwise you would
have *asked* what I meant instead of shoving your attitude in my face.

No, your lengthy, unsolicited responses to my original post have consisted
primarily of misquotes, diversion and a dedicated desire to fault my
reasoning at a level commensurate with your own.

What you have written here will be of benefit to no one - it was merely an
effort at semantic superiority. Unfortunately, you *have* taken my time
away from someone I would have enjoyed helping, and who might have put
my advice to good use.

Next time you feel the need to argue for argument's sake, do me a favor and
find someone else.

This conversation is over.

Jack Long WB3U

4275. Re: W5YI Files Petition for FCC Rulemaking.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 12:36:59 UTC
From: garryr@netcom.com
Message-ID: <garryrD65Hpn.4D5@netcom.com>
Source record: 249820

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:
: Gary Ricketson (garryr@netcom.com) recently wrote
: in <garryrD5r0sK.BI2@netcom.com>:

: : Lets give a worse case scene , you and your kids are out bicycleing
: : in a rurual area , a truck accidently hits one of your kids ,
: : there are no phones or houses near by , your kid is dieing ,
: : but you have a hf rig , just about the time you are going to give
: : directions to your location , some idiot like k1man starts playing
: : his one way "loop tapes" ,"bullitons" , and the station you
: : were giveing the info to cannot hear you any more ,not even well
: : enuff to establish another freq , one way broad casts have no place
: : in bands that are intended for 2 way communications.

: You might learn how to use the vfo and listen up or down from the
: frequency. Most nets and communications do move + or - the QRM. Most
: gentlemen have practiced this concept with ease for many years. This
: proposal does nothing to reduce the real QRM on the bands. The real QRM
: comes from stations who think they own the frequency. Be flexible, move a
: little bit, it could save a kids life.

: Bob

: --
: Bob Wilkins work bwilkins@cave.org
: Berkeley, California home rwilkins@ccnet.com
: 94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam
:
: Oh I see, if the freq wass quiet when I started, but then
right in the middle , some idiot starts his mindless broadcast,
I need to chnage freq, hope ing the other station finds me,
as he can not hear me tell him where I am qsy'ng to..
The "petetion is not about qrm, it is about "broadcasting"
But I get the idea, If I start calling myself a "bulliton
Service", then I can also "own" my own freq, do my broadcast
when ever I want, with no regard for anyone that may have,
been on the freq, and if anyone trys to use that freq,I can
have them jailed, and sue them for interfering with my
broadcast... So that is how it should be, one guy can

"own" a freq, as long as he is a self claimed"bulliton
service".. and sure it is no big deal, for 50 or 60
stations, to move up or down, for the sake of this
one guy, that has decided that day to change his scedual,
and start a couple of hours early..
I bet you are planning to start your own "broadcasts"..

and that is why you don't want to see these rules changed..
maybe you all ready have....
--
From Garry Ricketson
garryr@netcom.com

4276. Re: Ham radio banned at S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 12:37:34 UTC
From: derose@alice.caltech.edu
Message-ID: <derose.40.000CA0B4@alice.caltech.edu>
Source record: 249913

In article <eV6m3c1w165w@bssbbs.com> tmill493@bssbbs.com (Tuck Miller) writes:

>I have been to Disneyland several times, and have never had any trouble
>bring my ht in. In fact there is a disney repeater. I believe it is
>146.940 -, but sorry don't have the pl right off

The PL for the DL repeater is 131.8

Guy KE6JTN.

4277. IOTA Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 12:59:18 UTC
From: ab376@FreeNet.Carleton.CA
Message-ID: <D65Iqu.3Hv@freenet.carleton.ca>
Source record: 249821

I would be interested in receiving information on IOTA, such as rules etc.
Does anyone have a source of such info, or an ftp site where I can
retrieve same?

Thanks

Mike
--
###
Mike Ligeza Snr.- VE3UIL
Ottawa, Ontario
Canada

4278. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:03:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9111.545@acenet.com>
Source record: 249671

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Steven Knapp writes:

KN>Good grief! Do you go to Sears, buy a tool, use it for a project then
KN>decide it's not worth the money and return it?

Nope. Never said I did either, BUT if I bought a chair and it turned out
that the color didn't match in my house, I'd want to feel free to go
take it back and swap it UNUSED for one of a better color, or to
get a refund if I returned it unused. THAT is more the kind of thing
we were discussing here, NOT To use it a few weeks and put wear and
tear on the rig & try to return it.

KN>I can see why ham stores do this! If I buy a radio and use it for a
KN>few days and return it, the dealer can't sell it as new. THAT's one
KN>reason why they charge the restocking fee.

Again, that was never the question.

KN>Exceptions to this idea are radios that are dead out of the box, a
KN>case where you've returned two or three DOA radios, or VERY good
KN>customers of the store.

Well, it is not really a matter for us to theorize about at all!
This is all entirely at the option of the stores and the buyers.
If you don't like someone's policy you don't trade there any more,
you go elsewhere. Simple as that!

brian.carling@acenet.com

73 de AF4K (who usually buys used rigs or mail order anyway!)

 SLMR 2.1a The music world rolls garish while th moral codes regroup

4279. Re: Restocking Fee

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:03:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9112.545@acenet.com>
Source record: 249672

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Karl Beckman writes:

KB>In article <3k9hma$5th@newsbf02.news.aol.com>, jimkd0av@aol.com (JimKD0AV)
KB>wrote:

KB>> I recently bought an all-mode 144/440 radio from a local dealer. After a
KB>> short period, I decided that it was more than I needed and returned it.
KB>> The rig was a demo but the dealer hit me with a 15% restocking fee and
KB>> said I should be happy that it wasn't their normal 25%. Their policy was
KB>> posted near the cash register but I guess I missed it.
KB>>
KB>> I could understand a restocking fee on brand new, out of the box,
KB>> equipment, but I thought 15% was a little excessive on a demo.
KB>>
KB>> I would be interested in anyone's experience on restocking fees. Either
KB>> reply here or direct to JimKD0AV@aol.com (I will supply a summary of
KB>> responses to those interested).
KB>>
KB>> thanks and "buyer beware"
KB>>
KB>> Jim KD0AV
KB>> sadder but wiser.

KB>Jim, I don't quite understand the reason for your complaint. Did you think
KB>that your dealer was simply going to pocket the money? Remember, he now
KB>has to check out the unit on a test bench to make sure it still works,
KB>because not everyone is as honest as you. Some less educated amateurs who
KB>didn't RTFM might have accidentally applied reverse power and smoked the
KB>insides, or tried to transmit without an antenna and thus fried part of the
KB>output stage before they brought the rig back.

KB>Further, since the dealer did actually sell it, and you might have mailed
KB>in the warranty card, it is no longer a demo but now is considered USED.
KB>You know how big the price difference is between a new rig and the same rig
KB>when you try to sell it two weeks later. The dealer is in exactly the same
KB>situation, but he also has store overhead to cope with. I think your
KB>dealer was quite fair in reducing his normal restocking charge by 40%.

Hardly costs a dealer 15% or 20% of the selling price of a rig to
have his tech spend 5 minutes checking it out on the bench though!
I could understand this if it was a NEW rig that was returned a month
later, but we are talking about a DEMO rig that will be sold again
as a DEMO rig here.

KB>And I think you've learned that if you think a particular piece of gear
KB>might not be exactly what you want, you should insist that the restocking
KB>charges and time period be written on your invoice.

EXACTLY. Good point! That is the name of the game, let the buyer be-
(a)ware!

4280. Re: contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:03:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9113.545@acenet.com>
Source record: 249673

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

WB>w9sz@prairienet.org (Zack Widup) wrote:
WB>>
WB>>But they have! Contests deliberately avoid 30, 17 and 12 meter bands.
WB>>They are always free of contests, to my knowledge.
WB>>

WB>Thanks for the info. Now all we need is your personal guarantee that
WB>these bands will be open during an emergency.

Uk uk uk uk, BUT you have no guarantee that ANY band is definately going
to be "open" at any given time during an emergency!

:-)

• SLMR 2.1a • The music world rolls garish while th moral codes regroup

4281. Re: Qth for aj7/jk2voc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:03:11 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3l91ef$k1v@crchh327.bnr.ca>
Source record: 249822

In article <796320325.AA00881@hamlink.mn.org>, k0hb@hamlink.mn.org (Hans Brakob) writes:
|> WW>
|> WW>Can someone provide a location for AJ7/JK2VOC. He's apparently an
|> WW>operation in the WPX SSB test this weekend. TIA for any help.
|> WW>
|> WW>Bill Feidt
|> WW>
|>
|> Hi Bill,
|>
|> AJ7 is not a good prefix. Could it have been 8J7? That sounds
|> more likely -- one of the offshore JA prefictures.
|>
|> 73, de Hans, K0HB
|>
|>

AJ7/JK2VOC was active in the WPX SSB and was located in Washington state.
73.
Jeff
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

4282. ? Address of "73" magazine

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:08:04 UTC
From: sz0026@cd4680fs.rrze.uni-erlangen.de
Message-ID: <3l91nkEebb@uni-erlangen.de>
Source record: 249823

Hi,

a friend of mine tried to subscribe to "73" magazine at the
beginning of this year. He hasn't received anything so far
and wonders now if he sent his letter to the wrong address.

What is the current mailing address of "73", please?
I tried to look at the ARRL site hoping to find the info
there (yeah I know "73" is not from the ARRL), but my link
is unbearably slow.

Email welcome.
73 de Richard, DL8MFQ/AA8CP

4283. NJ VE Exams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:37:50 UTC
From: wb2mpk@gti.gti.net
Message-ID: <3l93fe$js1@gti.gti.net>
Source record: 249826

Thursday, March 30 at 7:00pm

Florham Park American Legion Post
Florham Park, NJ

For directions call Ken, WA2VCI at 201-377-4776

4284. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:42:52 UTC
From: ac224@detroit.freenet.org
Message-ID: <3l93os$4r8@detroit.freenet.org>
Source record: 249728

In a previous article, csle87@email.mot.com (Karl Beckman) says:

>In article <1995Mar25.105914.3542@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) wrote:
>
>> In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey)
writes:
>> >
>> >Our club's repeater has fried it's final amplifier. It's a Micor and the
>> >transistors are $40 each list from Motorola (six of them). We've heard
>> >there are more reasonable civilian parts that are subs for the finals.
>> >Does anyone have a source for these or know what the 2nxxx numbers are?
>> >The Motorola parts are:
>> > M1134 (finals, four of these)
>> > M1133 (drivers, two of these)
>> > M1132 (predriver, one)
>>
>> I can't help with equivalent parts, but I'd like to point out that
>> you can often find entire Micors for under $50. It makes sense to
>> just buy a radio and swap out the entire PA deck rather than try
>> to repair one as extensively damaged as yours.
>>
>> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>
>Just be sure you are buying the CONTINUOUS DUTY power amp and not the one
>in the mobiles. The continuous duty versions use different heat sinks,
>micro-strips, and RF parasitic suppressor components depending on the
>specific sub-band. The mobile intermittent duty versions were not designed
>for high duty cycle use. They can easily go unstable if keyed for more
>than five minutes at a time at more than 40% of full power.
>Also, check those transistor part numbers one more time. They don't agree
>with the numbers shown in any of the service manuals in my reference
>library for LB, HB, or UHF!
>
>Karl Beckman, P.E. WA8NVW < The difference between stupidity and >
>Motorola LMPS - Fixed Data < genius is that genius has its limits. >
>If you agree with the opinions expressed, they're mine. If not, who cares?
>

Those are the numbers that are on the Schematics we have, and also on
the transistors in the Final. The Micor is a model C73RCB-3105ET,
The Final Amp is TLD 1962 D, the PA Board is marked TLD 5952 A.
This is the 100 watt continuous duty version.

There are actually Eight transistors in the final amp chain:
M1131 "Controlled Amplifier" (1)
M1132 "Pre Driver" (1) (on the schematic this is an M1134, misprint?)
M1133 "Driver" (2)
M1134 "Power Amplifier (4)

--
Jim Harvey - WB8NBS - 18538 Inkster - Redford, Mich. 48240 Amiga Person
ac224@detroit.freenet.org | James.B.Harvey@x400gw.ameritech.com

4285. Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 13:52:38 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796398758snz@g4kfk.demon.co.uk>
Source record: 249730

In article <phb.796331862@melpar>
phb@syseng1.melpar.esys.com "Paul H. Bock" writes:

> Mike@g4kfk.demon.co.uk (Mike Gathergood) writes:
>
> >> I recall its origin as a broadcast improvement over FM. The way it
> >> was arrived at was overdrive the FM output amplifier so that it
> >> would be heavily clipped in essence transforming the originally
> >> frequency modlulated carrier into a variable width pulse modulated
> >> carrier (PCM).

I said NO SUCH THING!!!

Go back and read the original message!

73,
Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4286. TRIVIA: 49-State WAS?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:03:41 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796399421@melpar>
Source record: 249877

I noted recently that although Alaska and Hawaii became states
the same year, they were admitted several months apart. I'm not
sure which one was first, but I'm curious to know how many 49-state WAS
certificates the ARRL actually issued during that small window when
the U.S. was a 49-state country?

Anyone at ARRL HQ have an answer?

73,

Paul, K4MSG

* Paul H. Bock, Jr. * Principal Systems Engineer
(|_|) * E-Systems/Melpar Div. * Telephone: (703) 560-5000 x2062
| |) * 7700 Arlington Blvd. * Internet: pbock@melpar.esys.com
* Falls Church, VA 22046 * Mailstop: N203

"What? Us, Interfere? Of course we're going to interfere!
Do what you're best at, that's what I always say!" -- Dr. Who

4287. Re: CITN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:07:06 UTC
From: edh@hpuerca.atl.hp.com
Message-ID: <edh.796398852@hpuerca>
Source record: 249732

In <D64vrC.L3q@zeno.fit.edu> wnewkirk@bb.iu.net (William Newkirk) writes:

>In article <16551BYUKNDWBSPBCGQ@ccsnet.com>, <mario@ccsnet.com> wrote:
>> Before I left for Florida on February 15th I put my call sign on the
>>rear of my travel trailer in 3" high Scotchlite letters along with "52 SIMP"

>ok -- this is an indirect way to call CQ...

>but we don't have to call you just because we see a call and frequency.

>odds are they weren't on 146.52 (assuming that they "know" that "52" is
>equal to 146.52 MHz. could be 147.52, could be 52.000 on 6 m. and it could

Bill (et al) since 146.52 is the national simplex calling frequency,
I'd have to assume most vhf oriented hams would understand the informal
CQ. When passing (or being passed more likely :-) a car with ham plates
I sometimes just hold up my hand with fingers spread to show "5" then
"2" -- scared up some nice QSOs that way.

Since '52 is the calling frequency, it is programmed into my mobile
and my ht; isn't it on yours? I also keep several channels on some
so-called common repeater freqs, just in case I could catch a QSO
as I casually scan. BTW on long trips I do carry the ARRL Repeater
Directory so I can locate a "local" repeater that's not already
programmed in if I need to.

BUT: if I see an obvious invitation like Mario's, I'm _very_ likely
to call. And these days I far more likely to be on simplex than a
repeater. I'd like to change that again if I can find a friendly
place to hang out as I commute out to West Cobb County here in the
Atlanta area!

Cheers, Ed Humphries
N5RCK HP NARC Atlanta GA

4288. Re: 1.2 FM repeater question...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:11:39 UTC
From: rodell@netcom.com
Message-ID: <rodellD65M3F.FGG@netcom.com>
Source record: 249735

I've operated 1.2 repeaters for quite some time (like 10 years, ouch!) and you have few options for 1.2 in the commercial arena. The ICOM repeaters work well (the 1220). The older model had a few problems but could be made serviceable. There are usually a few used ones around somewhere, often from people who think all you have to do is plug in a repeater and throw a mag mount on your car and you're in the 1.2 business.

You can do the upconvert/downconvert thing with some of the kits around. There are a number of suppliers which make these kinds of things, including my personal favorite, Down East. You will be cheaper this way, although it will be a bit more to maintain.

If you're going to duplex the antenna, TxRx systems provides an excellent 1.2 GHz. duplexer which is rugged and reliable. The last I knew, they were the only ones making a standard version. SincLabs offered a custom version for 1.5K, but that's unreasonable.

For antennas, I recommend the new Spirit series, or the HD models from Comet. I have a personal dislike for the Diamond models. I found their radiation patterns to be more suited for satellite work.

Let me know if you need more specific information.

r.

--
_/_/_/

4289. Re: Stealth antenna question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:12:44 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar28.141244.16947@ke4zv.atl.ga.us>
Source record: 249675
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3l86ei$a6m@vanbc.wimsey.com> pgeorgeu@vanbc.wimsey.com (Peter Georgeu) writes:
>I live in a low rise apartment complex with an internal courtyard with
>some very nice trees up to 40 ft in height. I have worked out the
>logistics of setting up a long wire from my ground floor verandah to one
>of the upper branches of the tree. I will end up with an antenna of about
>60 ft in length. The problem is one of visibility. I have read about
>using armature wire and magnet wire which is very fine. Will this be
>strong enough not to stretch (I believe it will) or break?

#20 hard drawn bare copper wire weighs 3.1 lb per 1000 feet, and has
a recomended tension value of 5 lb. Using those conditions, the
nomograph in the _ARRL Antenna Handbook_ (pp20-3) says you'll have
about 1.5 feet of sag in a 60 foot span. That's certainly do-able.
The major concern is to keep the tension from grossly exceeding the
recomended 5 lb value in windy conditions (a spring, or a weight and
pulley would be recomended). The recomended tension is roughly 1/10th
the breaking strength of the wire, so a 50 pound pull will snap it.

I wouldn't go smaller than #20 wire. The breaking tension drops
rapidly with increasing wire gauge. #26 has 1/4th the breaking
strength of #20, and #32 has 1/16th the breaking strength of #20.
That'll snap under casual wind loading.

>What about birds? I really don't want to be the cause of the death of some
>lovely little birds which visit the courtyard. Previously I used some thin
>insulated multi-strand copper wire at another location but I believe that
>I may have to go with even a less visible approach.

There is some danger that a bird might fly into the wire. I don't
think it's very likely, however, Birds can, of course, perch on
"hot" wires without harm since there's no path *through* the bird
for the current to go. If several birds perch on the wire, they
will increase the tension loading, but unless you have vultures
lighting on your antenna, it shouldn't break and let them fall
to their death's. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4290. Re: Counterpoise question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:17:33 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar28.141733.17031@ke4zv.atl.ga.us>
Source record: 249676
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <D65435.I8y@bri.hp.com> mikech@hysteria.bri.hp.com (Mike Chaloner) writes:
>When calculating the length of a counterpoise, as an odd
>number of quarter wavelengths, do you use a multiplier
>to take account of the velocity factor of the cable?

Sure. The multiplier for ordinary bare copper wire is 1.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4291. Re: US QSL manager for FR5DX?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:22:10 UTC
From: jimkd0av@aol.com
Message-ID: <3l962i$1h0@newsbf02.news.aol.com>
Source record: 249736

I don't think so. I think that it is direct to Reunion Island via France.
People have been having mixed results in getting cards...I got mine back
in about 3 weeks.

GL,
Jim KD0AV

4292. Re: Marymac phone number?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:39:08 UTC
From: dara@physics.att.com
Message-ID: <D65nD8.38y@nntpa.cb.att.com>
Source record: 249882

o10022@a81.corp.mot.com wrote:
: Could someone please send me (email) the phone number for Marymac?
: Thanks.

: 73
: Tony KC7HDT

Better still, POST IT
tnx 73 WA2UBK

4293. Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 14:50:46 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796402246@melpar>
Source record: 249884

Mike@g4kfk.demon.co.uk (Mike Gathergood) writes:

>In article <phb.796331862@melpar>
> phb@syseng1.melpar.esys.com "Paul H. Bock" writes:

>> Mike@g4kfk.demon.co.uk (Mike Gathergood) writes:
>>
>> >> I recall its origin as a broadcast improvement over FM. The way it
>> >> was arrived at was overdrive the FM output amplifier so that it
>> >> would be heavily clipped in essence transforming the originally
>> >> frequency modlulated carrier into a variable width pulse modulated
>> >> carrier (PCM).

>I said NO SUCH THING!!!

>Go back and read the original message!

Calm down, Mike, calm down, no need to get in a dither! The
"original message" probably omitted the original posters ID, since all I did
was clip stuff off the bottom. Besides, I didn't flame the post,
I just provided a description of what PCM really is. However, if it
will make you feel better:

** ATTENTION ** ** ATTENTION ** ** ATTENTION **

Mike Gathergood *DID NOT* incorrectly identify or describe PCM, he
CORRECTLY identified it. The credit above is *INCORRECT* and should
have been ascribed to someone else, *NOT* Mike Gathergood.

The undersigned offers his sincerest apologies for this unpardonable
breach of netiquette.

Your groveling, lowly, worthless servant,

Paul, K4MSG

There, Mike, do you feel better now? ;-)

4294. QSO in an airplane

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 15:17:16 UTC
From: pirulo@netcom.com
Message-ID: <piruloD65p4t.Gqr@netcom.com>
Source record: 249674

I am a student pilot and when i fly solo I carry my alinco HT.
I made very qso in simplex but the problems start when i want to talk in
a repeater with PL tones.
I usually fly at 5000 ft, and i have the repeater in line of sigh so
WHAT IS THE PROBLEM????? If somebody knows the answer please reply this post.
Thank you and 73 de KD6TOW.
--
****
* PIRULO | KD6TOW *
* Address: pirulo@netcom.com | Home BBS: N6YN.SOCAL.CA.Us *
* TCP/IP : pirulo@192.100.81.113 | Los Angeles, California, U.S.A. *
****

4295. Wanted 440 Mhz Duplexers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 15:26:38 UTC
From: pirulo@netcom.com
Message-ID: <piruloD65pKE.HCp@netcom.com>
Source record: 249677

I need a 440 mhz. duplexers for a repeater. In god or bad condition.
I will pay in cash.
Please leave a E-Mail to pirulo@netcom.com
Thanks and 73 de KD6TOW

Joe Neuah (KD6TOW)
PH. 310 204 5760
--
****
* PIRULO | KD6TOW *
* Address: pirulo@netcom.com | Home BBS: N6YN.SOCAL.CA.Us *
* TCP/IP : pirulo@192.100.81.113 | Los Angeles, California, U.S.A. *
****

4296. swr meters

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 15:37:40 UTC
From: tbear@kaster.cts.com
Message-ID: <03281995.073740@kaster.cts.com>
Source record: 249886

I have a MFJ-941d antenna tuner with a built in swr meter.I also have a
Vanco swr-2 stand alone meter.I have the Vanco connected between the
941d and a Ts-680s kenwood rig.The question is this....why would there
be a difference in the readings I get from each swr meter?On some bands
I cant get the swr meter in the MFJ tuner to go full scale for calibration.
I can always get the vanco swr meter to go full scale.
Should I ignore the reading from the mfj since the vanco always seems to
"behave" properly? Could the vanco be affecting the mfj meter, I dont
see why it would.The swr can be almost 1-1 on the vanco in some instances
and be 3-1 on the mfj.Any thoughts on this would be helpful.
BTW the antenna is a 40m loop on the roof....if that matters.
73 KE6LZS
Lou Wasmund aka tbear@kaster.cts.com

... I call things as I see them; If I didn't see them, I make them up!
___ Blue Wave/QWK v2.12

4297. Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 15:58:02 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <796406282snz@microvst.demon.co.uk>
Source record: 249680

In article <796398758snz@g4kfk.demon.co.uk>
Mike@g4kfk.demon.co.uk "Mike Gathergood" writes:

> I said NO SUCH THING!!!
>
> Go back and read the original message!

Down, Mike, Down. Actually you quoted without attribution, which is as close as dammit to saying it.

--

Tony - G3SKR / AA2PM email: tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4298. re: Bay Area Lids 'R' Us repeater

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 16:00:13 UTC
From: NFullagar@ccgate.apl.COM
Message-ID: <9502287964.AA796406505@ccgate.apl.com>
Source record: 249678

>Date: 25 Mar 1995 03:29:35 -0500
>From: tcnic@aol.com (Tcnic)
>Subject: Ugly!
>So...
> Came across a repeater up in the Bay area. Ugly!! These guys discuss the
>gutter: nasty type language, high school locker room preoccupation with
>private type body parts (male and female), etc. One guy even had the 11M
>reverb hooked to his mic. Hate to think this is where the hobby is head'en.

I probably know exactly which repeater. It's like that - and worse - nearly 24 hours a day. You actually may have caught them during one of their more civilized periods. During one 15 minute period - about as long as my morbid curiosity can hold out - a while back I counted about 20 references to a particular person as the "second stupidest <term unacceptable in ham radio or usenet> in amateur radio," interspersed with (bad) singing, playing of recorded (disco) music, two different levels of rerereereverbbb, and ongoing commentary about how giving licenses to no-code techs was "ruining amateur radio." The gentlemen (?!) involved gave extra and advanced callsigns.

BUT... in my personal opinion, it's good that the idiots (mostly) congregate on one frequency. It helps the signal to noise ratio elsewhere. I don't think it's where the hobby is heading. If I did, I wouldn't be here.

Neil KE6NCX (formerly a ham-radio-ruining no-code tech)
nfullagar@ccgate.apl.com

4299. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 16:00:58 UTC
From: w5gyj@primenet.com
Message-ID: <w5gyj.15.010B99D9@primenet.com>
Source record: 249679

In article <mwhite-2703951131510001@m14494-mac.mitre.org>
mwhite@mitre.org (Michael White) writes:

>Going from 5 to 10 watts may sound like a lot, but it's only 1/2 of an "S"
>unit at the receiving end, all other things being equal. I'm not sure I'd
>fry my finals just to go from S-8 to S-8.5.

>Mike, N4PDY

Well, not so fast here. The capture ratio for these radios is somewhere
in the range of 3 db also. Which means that, under certain conditions,
that addtitional 3 db of signal could result in a substantially greater
increase in demodulated signal to noise ratio.

With FM, it's limiter current you keep your eye on, not the "S" meter.

Jim, W5GYJ (w5gyj@primenet.com)

4300. Re: Qth for aj7/jk2voc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 16:28:23 UTC
From: jimkd0av@aol.com
Message-ID: <3l9df7$68g@newsbf02.news.aol.com>
Source record: 249684

>AJ7/JK2VOC was active in the WPX SSB and was located in Washington state.

If he was in Washington state, why was he transmitting on 7.05 to 7.1 MHZ on phone? It would seem that he would have to following the US freq allocations.

73, Jim KD0AV

4301. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 16:46:14 UTC
From: tbilbro@nr.infi.net
Message-ID: <3l9egm$jam@lucy.infi.net>
Source record: 249683
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,r

In article <3l9cp2$12p@alterdial.UU.NET>, enfo@wsnet.com (Dr Ken Dunn) says:
>
>Ms. Jane's Favorites, 96% Fat Free High-
>Fiber Cookies, are not only a nutritious snack
>but can be also a meal replacement with
>proper supplementation. They are a delicious

Uh.. Take a spam break!

4302. Re: Info-Hams Digest V95 #247

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 17:14:50 UTC
From: johny@falcon.mimuw.EDU.PL
Message-ID: <199503281714.RAA01635@falcon.mimuw.edu.pl>
Source record: 249681

```
unsub info-hams
```

4303. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 18:27:37 UTC
From: allen@doug.med.utah.edu
Message-ID: <3l9kep$ipi@news.cc.utah.edu>
Source record: 249896
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers,relcom.commerce.construction,relcom.commerce.consume,relcom.commerce.food

In article <3l9cp2$12p@alterdial.UU.NET>, enfo@wsnet.com (Dr Ken Dunn) writes:
|> Ms. Jane's Favorites, 96% Fat Free High-
|> Fiber Cookies, are not only a nutritious snack
|> but can be also a meal replacement with
|> proper supplementation. They are a delicious
|> good source of fiber, low in fat and very low
|> in sodium.

I heard that they can give you nasty gas and make you shit til you are blue!!

ARS

4304. 2Meter Duplexers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 18:40:53 UTC
From: mirage@holly.ACNS.ColoState.EDU
Message-ID: <3l9l7l$1bhl@yuma.ACNS.ColoState.EDU>
Source record: 249897

Anyone need a set of 2 meter Duplexers? Three Sinclair cavities
for sale. Originally designed for use in the 150Mhz band, they
are easily tunable to anywhere within the 2 Meter band. Excellent
for repeaters. Please E-mail me for more info if interested.

--

-James

E-Mail mirage@holly.ColoState.Edu
Phone (303) 498-0820

4305. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 18:51:45 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D65z29.qz@news.hawaii.edu>
Source record: 249898

jackl@pinetree.microserve.com (WB3U) writes:

>You know, this conversation reminds me of discussions I had with CB'ers
>in the '60's. They promoted the same misconceptions then as you do now,
>and they were just as difficult to reach.

Careful Jack, OTs on here are thought of as OFs!

>Imply? You mean you went to all this trouble for an implication? Nonsense,
>your goal throughout has been to prove someone wrong, otherwise you would
>have *asked* what I meant instead of shoving your attitude in my face.
>
>What you have written here will be of benefit to no one - it was merely an
>effort at semantic superiority. Unfortunately, you *have* taken my time
>away from someone I would have enjoyed helping, and who might have put
>my advice to good use.
>
>This conversation is over.
>
>Jack Long WB3U

Say Jack, eat a few prunes - your pipes are clogged. And don't
forget that the people you are mean to today will be on here with
you for years to come. A gentle rather than nasty approach keeps
harmony within our family.

Jeff NH6IL

4306. Ten Tec address

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 18:55:15 UTC
From: n1ist@netcom.com
Message-ID: <n1istD65z83.D3E@netcom.com>
Source record: 249899

The other day, I posted something about Ten Tec's kits, and have gotten a number of requests for their address. Here it is:

Ten Tec, Inc.
1185 Dolly Parton Parkway
Sevierville TN 37862-3710

Info: 1-615-453-7172
Fax: 1-615-428-4483
Orders:1-800-833-7373

/mike
--
\|/ Michael L. Ardai N1IST Teradyne ATB, Boston MA
-*- ---
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

4307. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 19:09:28 UTC
From: cdagord@postbox.acs.ohio-state.edu
Message-ID: <cdagord.69.2F785EE8@postbox.acs.ohio-state.edu>
Source record: 249900
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,rel

In article <3l9kep$ipi@news.cc.utah.edu> allen@doug.med.utah.edu (Allen Sanderson) writes:

>In article <3l9cp2$12p@alterdial.UU.NET>, enfo@wsnet.com (Dr Ken Dunn) writes:
>|> Ms. Jane's Favorites, 96% Fat Free High-
>|> Fiber Cookies, are not only a nutritious snack
>|> but can be also a meal replacement with
>|> proper supplementation. They are a delicious
>|> good source of fiber, low in fat and very low
>|> in sodium.

>I heard that they can give you nasty gas and make you shit til you are blue!!
>ARS

That's not all. Besides of the heavy duty smell you get from the "nasty gas",
you can't conceal its noise (and blame the guy sitting next to you) due to the
degree of fiber content on the cookies. When you fart after eating the fiber
cookies, you really do it in style. I've heard of an exec who as fired after
suffering from gas related stomach problems while in a board meeting (when the
President of the company - his boss - first heard the rumbling, he though
there was an earthquake). The exec blamed the fiber cookies for his firing
and put a law suit in motion against the fiber cookies. Hey, maybe I
can try that, collect the money, and retire and dive around the world.
Where can I order the cookies?

In that case, the cookies give you a nasty gas and then you shit until you get
a nice tan.

C D'Agord

4308. Re: Time?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 19:36:43 UTC
From: cmj0001@jove.acs.unt.edu
Message-ID: <3l9ogb$6g0@hermes.unt.edu>
Source record: 249902
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I've been asked to post the number to the FCC to check on the status of your license. It is 717-337-1212. Reading the VEC manual, it states that you CANNOT transmit until you actually have the ticket in your hand. (unless your upgrading). I got my ticket about a year and a half ago, and it took right around 16 weeks to get to me after the test. It's a real long wait, but well worth it.

Hope this helps, and sorry about the wrong information before......
73's
KE4EIF

--
It's time to move on, time to get going | Chris Johnson
What lies ahead, I have no way of knowing | KE4EIF
But under my feet, baby, grass is growing | -aka- John Smoltz
It's time to move on, time to get going | chris@gcnext.gac.peachnet.edu
--- Tom Petty Wildflowers | cmj0001@jove.acs.unt.edu

4309. VE Exams in Western NY

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 19:38:26 UTC
From: js024b@uhura.cc.rochester.edu
Message-ID: <1995Mar28.193826.12651@galileo.cc.rochester.edu>
Source record: 249903

Does anybody know when there will be VE exams in Western, NY (hopefully around the Rochester area). I know there is a Hamfest in Rochester at the end of May, but that is kind of long to wait to take the exams.

Any help would be appreciated.

Thanks.

--
Jonathan Schulman University of Rochester
js024b@uhura.cc.rochester.edu
KB2JNY - poor tech who still can't pass 13 WPM

4310. Re QSO in an airplane

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 20:06:19 UTC
From: donh@cup.hp.com
Message-ID: <D662IK.72L@cup.hp.com>
Source record: 249908

Here in the Bay area there are NO 2 meter frequency pairs available due
to the high density of repeaters. I used to fly my Cessna 172 around
only talking on the outputs of the repeaters. Why? Think about it!
If you are on an input frequency, at 5000 ft, you are going to wake-up
ALL the repeaters within line-of-sight. From the Bay area, keying up
on an input my bring up multiple repeaters on the same frequency pair.
Great for you, you can have multiple repeater QSO's. Bad for the locals
as they can not hear the other repeaters. By staying on the output,
locals have no problem hearing you, your at 5000 ft.

Hope this helps.....

Don Former owner N7770T
WB6LPJ XYL KD6QQW

4311. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 20:18:17 UTC
From: levine@mc.com
Message-ID: <3l9qu9$7n8@jericho.mc.com>
Source record: 249909

I worked this station and he claimed to be in the state
of WA. How did he get a license like that?

Bob

Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
World Wide Web http://www.raddev.com/biz/raddev/

March Spec Oak Hills Research Classic 20/40 shipped $199.95
---
reply for Radio Devices to bob@raddev.com please. tnx

4312. HTX-202 and 10..er...2000Watts

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 20:24:36 UTC
From: fraizer@atosoa.enet.DEc.COM
Message-ID: <9503282010.AA01647@us2rmc.zko.dec.com>
Source record: 249910

I have been monitoring the messages about the HTX-202 obtaining 10Watts while operating from the 13.8 source in a vehicle or from an external power supply.

This does sound quite amusing... I will give the benefit of the doubt to he operators making the claims. Let it be known however...for the record... That I made a trip to the local Radio Shack store today on my lunch break. (I figured that the HTX-202 would be cheaper than buying an AMP for my ICOM if this was true!) We hooked the HTX-202 up to my cigarette lighter and using a VERY GENEROUS watt meter (Radio Shack 2m variety), the radio did 5.7Watts. This was at high idle with no other electrical devices in operation on the vehicle.

I suppose that it is possible to get 10Watts from the HTX-202 if you want to change the final in it. I have done so in my ICOM IC02AT and am achieving 7.5Wattswith a 13.8volt battery pack and 8Watts running from the car battery.
(The battery pack just doesn't have the current to do 8Watts I guess.)

There is a trim pot inside the ICOM that would allow me to push the final harder...up to about 9Watts total but, the radio gets REAL HOT when maxed out like that.

73 de KC4KGU

John Fraizer

fraizer@atosoa.enet.dec.com

4313. Re: Time?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 20:33:29 UTC
From: myers@West.Sun.COM
Message-ID: <3l9rqp$623@abyss.West.Sun.COM>
Source record: 249912
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3l9ogb$6g0@hermes.unt.edu>,
Christopher Mark Johnson <cmj0001@jove.acs.unt.edu> wrote:
>I've been asked to post the number to the FCC to check on the status of
>your license. It is 717-337-1212. Reading the VEC manual, it states that
>you CANNOT transmit until you actually have the ticket in your hand. (unless
>your upgrading).

Your VEC manual is out of date. The FCC recently ruled that an amateur
may operate once a license has been issued. There's also an 800
number you can call, but it escapes me right now.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

4314. Japan International DX Contest (CW, High Band Portion)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 21:11:18 UTC
From: ys@isr.harvard.edu
Message-ID: <3l9u1m$1hn@decaxp.harvard.edu>
Source record: 249915

Does anybody know exactly when this contest is scheduled? I have two conflicting pieces of information. QST magazine says that it is scheduled for April 14-16 (April issue, page 111). Some other sources say that it is scheduled for April 7-9. Thanks!

73, Yuzuru Suzuki, AA1JA (e-mail: ys@isr.harvard.edu)

4315. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 21:12:26 UTC
From: little@iamu.chi.dec.com
Message-ID: <3l9u3q$8q9@jac.zko.dec.com>
Source record: 249916

In article <3l8voc$f43@news1.databank.com>, jackl@pinetree.microserve.com (WB3U) writes:

|>You know, this conversation reminds me of discussions I had with CB'ers
|>in the '60's. They promoted the same misconceptions then as you do now,
|>and they were just as difficult to reach.
|>
|>This conversation is over.
|>

At least this much we agree on. When you need to cast aspersions on someone
to further your view then you can find someone else to "converse" with.

--
73, Member of AMSAT, ARRL, Palatine RACES, and the Arlington
Todd Communications League. Weather spotter and sponsor of the Hunting
N9MWB Ridge Elementary School Radio Club. See you on 160-1296 and OSCAR.

4316. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 21:12:51 UTC
From: Michael Kinman <062792@minerva.cis.yale.edu>
Message-ID: <Pine.SOL.3.91.950328161240.19147B-100000@morpheus>
Source record: 249917
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers,relcom.commerce.construction,relcom.commerce.consume,relcom.commerce.food

Any way to keep this crap out?

Mike Kinman
062792@minerva.cis.yale.edu

4317. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 21:47:45 UTC
From: lieser@iccgcc.cle.ab.com
Message-ID: <1995Mar28.164745.1@iccgcc.cle.ab.com>
Source record: 249919

>Ms. Jane's Favorites, 96% Fat Free High-
^
>Fiber Cookies, are not only a nutritious snack
>but can be also a meal replacement with
^ ^ ^
>proper supplementation. They are a delicious
^ ^ ^ ^ ^

Ah! Cleverly hidden, that was!

Ed Lieser

4318. TS700S jumpered plug connections

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 21:48:08 UTC
From: knight@sol.rtsg.mot.com
Message-ID: <3la06o$drk@delphinium.cig.mot.com>
Source record: 249920
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Would some kind soul who owns a Kenwood TS700S be willing to yank the 9 pin plug out of the back, and pass on which pins are jumpered together? I want to wire my plug up appropriately, and the schematic doesn't shed any light on this ...

Thanks!

73,

Paul
WD8DKY

4319. ARLB029 Enforcement said dismal

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 22:06:32 UTC
From: w1aw@arrl.org
Message-ID: <$arlb029.1995@ampr.org>
Source record: 249922
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB029
ARLB029 Enforcement said dismal

ZCZC AG95
QST de W1AW
ARRL Bulletin 29 ARLB029
From ARRL Headquarters
Newington CT March 28, 1995
To all radio amateurs

SB QST ARL ARLB029
ARLB029 Enforcement said dismal

Enforcement said ''dismal''

The ARRL has told the FCC that its recent track record in Amateur Service rules enforcement has been ''dismal.''

In comments on an FCC proposal to adopt a standardized schedule of monetary forfeitures (fines) for rules violations in all services, the League said that while there have been only a few cases in the Amateur Service where prompt enforcement action was needed ''badly and quickly,'' the necessary action did not take place ''despite repeated (FCC) promises.''

The ARRL said that the Commission has probably arrived at a reasonable forfeiture schedule but that administration of the schedule is ''the more pressing matter.'' The League said that at issue were whether the fines were sufficient to (1) cause recipients to not violate a particular rule in the future, and (2) deter others from violating the same rule.

The ARRL said that the forfeiture proceeding (in CI Docket 95-6) should be far broader, to include a review of the overall effectiveness of monetary forfeitures as an enforcement tool, given that as presently used such forfeitures are often either ignored or contested.

The League said that in the few cases of amateur rules violations in recent years, FCC promises of action have gone unkept and the problems persist visibly. The ARRL suggested that forfeiture amounts for amateur rules violations be adhered to (instead of greatly reduced) and that collection efforts be carried through.
NNNN
/EX

4320. WWW radio pages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 22:25:07 UTC
From: equinox@hades.business.co.uk
Message-ID: <9503282217.AA02469@hades.business.co.uk>
Source record: 249924

Readers may like to know of a new set of radio info pages

Try:

http://www.business.co.uk/~equinox/

Tks Geoff
--. .--- ....- .. -.-. -..
GEOFF BROWN:GJ4ICD:GJ4HXJ:GJ8ORH:JY8IC:
HTTP://WWW.BUSINESS.CO.UK/~EQUINOX
FOR THE HOME PAGE OF RADIO......
ALSO PHONE 0900Z TO 1600Z
01534-77067
P.O.BOX 100
JERSEY ISLAND

4321. 425 DX News #203

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 22:40:12 UTC
From: I121171@relay.telecom.it
Message-ID: <3l97ji$l14@sgi.iunet.it>
Source record: 249911

25 March 1995 nr.202

==========
*** 4 2 5 D X N E W S ***
==========
edited by I1JQJ, IK1IYU, IK2ULV
translated by I1-21171

BV - As said on number 200, Yuki (JI6KVR) says that from 31 March to 2 April, during his QSY in Taiwan, he will join the operations from Pescadores Isl. (AS-103) using BV9A/JI6KVR call. QSL via EA5KB.
DL - From 25 to 28 Maggio, DL6CGC and DL8CZG will be portable from Poel Isl.(EU-098) with SSB/CW/RTTY activity from 10 to 80 mtrs bands and VHF (2 mtrs) also.
EA - EA5URD will be active the 2nd of April from Mazarron Lighthouse (FEA E-120). QSL via EA5GMB.
EA - EA3BT/3 will be QRV the 2nd of April from Islote Galera Palamos (E-256). QSL via EA3DIH.
EA - EA4ENK will be portable the 2nd of April from Isla De Las Vinas (BA-53). QSL via EA5OL.
EA - EA2/EA1FCH will be QRV from Isla Zadorra (VI-07) the 2nd of April. QSL via EA5OL.
EA - Operation is aspected the 2nd of April from Islote Els Pallers (E-258). QSL via EA5OL.
EA - EA1AGZ will be portable the 16th of April from Isla Pollos (VA-25). QSL via EA5OL.
EJ - The WestNet DX Club would like to join the IOTA Contest from Inis Meain Isl. (EU-006).Activity from 27 July to 1 August all bands all modes, AMTOR and PACTOR also. QSL via EI6FR.
HC8 - Horst (DF1VU), Thomas (DF8VK), Joachim (DK5VP) e Frank (DL4VCG) will be portable /HC8 from 25 April to 14 May, working from HC8KU station. Activity all bands from 10 to 160 mtrs, WARC too.
HR - Gerard, HR5/F2JD, is active until 1st of April, expecially on CW, and he'll try to be QRV from Gulf of Fonseca Group (NA-060).
IC8 - From 21 to 23 April Raul (IK8VRS) will be portable IC8 from Procida Isl. (IIA NA01, IOTA EU-031).
ID8 - From 25 to 26 March Raul (IK8VRS), with other friends, will active Le Castella Isl. (IIA KR01) near Capo Rizzuto. QSL via IK8TPJ.
IL3 - From 25 to 26 March, Oreste (IK5VIA) together with Stefano (IK3ABY) and other friends, will be portable IL3 from Lido Isl. (EU-131, IIA VE-32).
JW - DF6JC is QRV as JW/DF6JC until 30 march from JW5E station.
KP4 - Ken, KP4XS (ex KH2F), will join the CQWW WPX SSB Contest from his new QTH in Puerto Rico, helped from K1RZ, K3NA, KF3P e W2EOS.
LU - The special station LW3DSR is active until 26 March,during the 12th

edition of Pan American Sport Games. QSL via LU1DVT.
OZ - From 13 to 20 May Siggi, DL1AZZ, will be active from Mandoe Island (EU-125) as OZ/DL1AZZ/p on 10 to 40 mtrs bands. QSL via home-call.
TP8CE - Station of CERAC (Council of Europe Radio Amateur Club) will be QRV during the weekend, joining the CQWW WPX SSB Contest.QSL via F6FQK.
UA1_fil- Due to government funds reductions,many polar bases on Franz Joseph Land risk to be closed and abandoned next during next months. The personal will be moved to Russia and there will be no more active stations like R1FJL (ex 4K2MAL) and RX1OX/FJL.
V7 - Ken, V73C/AH9C, says that OKDXA (Oklahoma DX Association)is no more QSL manager for his operations:send you direct QSLs to V73C address Kenneth R. Wells, P.O.Box 1255, APO AP 96555-0008, USA.
VK6 - More from previous number: Malcom (VK6LC) says that during his next operation to Faure Island (NO-REF) will be joined from Dave, VK6DLB (they was already active from Malus Island).They have already sent copy of permissions to IOTA Committee. If 20 mtrs band conditions will be poor, VK6ISL will be QRV for Europe on 7084 KHz from 1800Z to 2300Z. QSL via I1HYW (Europe), K1IYD (N.America) and VK6LC (Oceania).
VK0_h - The South Sandwich Island DX Group, announcing a new member in the team (Verne, W8BLA, very able on CW), says that the permission has been asked to land in Heard Island and is waiting for the answer by australian government. Team is still lookin' for CW operators and for a doctor: FAX for further informations to Jerry, AA6BB, +1-503-998-1269, or Tony, WA4JQS, +1-606-679-3151.
VU_ant - Dinesh, AT3D, is comin' back in India,after his trip in Antarctica. He will be QRV with his normal call VU3DEN.
W1 - The 1st of April WW1V and KA1GJ will be active from Cousins Island (NA-137) for two hours, about from 1500 to 1700Z. They will proba-bly be active from the same islnad during the IOTA contest.
W4 - Mac, KM4WE and other Clay County DX Association operators, will be active from 14 to 16 April from Beverly Beach, Florida State East Group (NA-138). QSL via KM4WE, 5180 Mallard Rd., Middleburg, FL 32068-7717, USA.
XE1 - A scientific expedition is aspected to active in June the Jalisco - Nayarit State group (NA-189), precisely Les Tres Marietas Islands and Roca Corbetana.
Xe3 - Bernardo, XE1BGM/3, from Carmen Island (NA-135) says that he is ac-tive during weekends on 14260 and 21260 KHz from 1600Z to 2400Z. He says also that he has big problems with local postal office: dama-ged envelopes and lost QSL. He has now a new address:
Bernardo Garcia Mendoza, P.O.Box 882, Poza Rica, Ver., Mexico.
ZF - AH9B is active as ZF2WH until 27 March, joing the CQWW WPX SSB Test
3D2_cr - Last news from 3D2CU/MM are about a delay of operations due to dif-ficulty to land on Conway Reef. The rough sea with high waves has overturned the ship.
5R8 - Ben, 5R8DS, says that he has improved the 80 mtrs band aerial and he is QRV on 3505 KHz CW and 3792 SSB (he prefers CW). QSL via:
Ben Witvliet, B.P. 404, Antananarivo-101, Madagascar.
5X - From 25 March to 3 April, Franco (IN3DYG) will be active as 5X4D

from Arua, with volunteers. QSL home call.
9H - From 10 to 24 April, Holger (DL5XAT), Matthias (DH1OAH), e Felix (DL8OBC) will be QRV from Gozo Island (EU-023) respectively as 9H3SB, 9H3UF e 9H3UD. Operations on all HF bands in CW/SSB/RTTY/AM-TOR/PACTOR and also RS satellites. QSL for 9H3SB via DL5XAT, Holger Binder, Thorkoppel 15A, D-22885 Barsbuettel, Germany; for 9H3UF via DH1OAH, Matthias Deutscher,P.O.Box 600121, D-30947 Ronnenberg, Germany; for 9H3UD via DL8OBC,Felix J. Riess, P.O.Box 1253,D-30984 Gehrden, Germany.
9Q - Peter, 9Q5TT (ON6TT) helped by Alex 9X5EE (PA3DZN) will join the CQ WW WPX SSB Contest, during this weekend.A special call has been re-quested or the 9Q5TT call will be used. QSl via ON5NT.

DXCC DESK -> Documentations received and approved for operations:

3A/IK1QBT 3B8/ON4QM 3C1/TU4EI 3DA0CA 3V8BB
4S7/JA4FM 5N0ETK 5N0GC 5N0PYL 5X1HR
5X1MW 5X1KO 7Q7SB 8Q7AB 8Q7BX
8Q7YF 9A/SP3DPR 9A/SP6MLX 9G5WH 9G5RM
9G5TL 9G5MB 9G5MT 9G5JR 9G5VT
9G0ARS 9I0A 9I30ZIN 9J2AE 9J2CE
9L1/TU5EV 9M2/GM0DEQ 9M6/GM0DEQ 9N1AP 9Q5AGD
9Q5RT 9X/SM5DIC 9X5EE A51MOC A51MOC/JH1AJT
A51/JH1AJT A61AH A61AN C4C CE8SFG
CN2SK D2EGH D68RS D68TA DU7LA
DU7/KD6QV FH/JA1IDY HS0/DL2FDK J55UAB J87CO
J87FT J8/F5LGQ J8/F6AOI J8/F6BFH J8/F9IE
P43DWC S21YO S79ASM SV5/DK1RP SV9/G4OBK
TI2/KB9CRY TI4/KB9CRY TI6/KB9CRY TI2PDX TK/IK1QBT
TL8JD TO0P TU4EG TU4EX TU5DX
TU5EV TU5NC US1U/PA3BUD UT8U/PA3BUD V26E
V51T V5/N0AFW VI0ANT VP2EDK VP29EI
VP2MDY VP8SGP VP8CBC VP8CRB VP8CRC
VP9/W1RQ VR6AB XE1/UA3AB XE1/RA3AUU XE1/NT2X
XF4M XT2JB XU3DWC XW1 XW1A
YK0A ZA/OK1CF ZK1SRF ZK2ZE

****
* TNX:> I1HYW, IK2IQD, IK3ABY, I4LCK, I5FLN, IK8OZZ, DC3MF, DL1AZZ, W1AW, *
* DL7VEE, DL7VOA, DL8AAM, DL8OBC, EA5KB, EI6FR, F5JFU , G4DYO, JH2PDS/1, *
* JI6KVR, ON4WW, VK6LC, XE1BGM, 5R8DS, LNDX, URE-EA-DX, OPDX Bulletin. *
****
* 425 DX News, edited by 425 DX Gang is made thanks to contributions by *
* many friends that, weekly, send many news and informations. We would *
* like to thanks everybody for the great help and we ask to send, if *
* possible, informations following this schedule: *
* *
* ISLANDS ACTIVITIES (IOTA, IIA, DIE) --> Mauro, I1JQJ (PCL, @I1YLM-8) *
* ADDRESSES & QSL MANAGERS --> Massimo, IK1GPG (PCL, @IW1BIM-8) *
* OTHER DX INFORMATIONS --> Piero, IK1IYU (PCL, @IK1EQE-8) *
****

...that's all folks!

73 & DX by 425 DX Gang

****
425-NEWS is weekly available on Trance *FREE* BBS in Italy (+39-11-482751)
****

25 March 1995 no.203
==========
425 DX NEWS * CALENDAR
==========
edited by I1JQJ & IK1IYU

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13/10-15/10 >>> Bologna: V IOTA CONVENTION <<< ***

4322. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 22:43:34 UTC
From: micah@community.net
Message-ID: <3la3em$8b3@odin.community.net>
Source record: 249925

In article <3kulrt$4m7@ixnews4.ix.netcom.com>
gamma7@ix.netcom.com (James Beischel) writes:

> Extended Warranties are a rip-off. Just read Consumer Reports. The
> warranties are only good during the first two to three years when you
> would expect the radio NOT to fail. Notice, you can't come in and buy a
> warranty after you have had the radio for five years. They know the
> chances are much greater the radio will fail after you have had it
> awhile. They are also betting the radio will not fail during the first
> two or three years.
>
I have used the Service plan I bought along with my HTX 202. If ind it very
conveinent and nice to have. I have found my Radio to be verry reliable. I here
mor positive comments than negitive comments about them. You do have the option
to renew the Service Plan after the 5yr period. I have had mine for 4yrs. with
few problems.

> As for returning the radio two or three times before you got one that
> worked. If people would stay away from buying that Korean junk from
> Tandy, they would not have these problems.

You get stuff made in Korea or Japan, or from other countries from almost any
brand that you buy. It is more cost effective for the companys to have their
manufacturing plants in other countries where labor is cheaper.

> As for taking the radio to a local store and dropping it off. Do you
> know what happens to your radio then? If the city has a local repair
> center, this is what happens. The manager or another employee leaves
> your radio sit around for a few days until they are ready to take all
> the repairs to the repair depot. Then, they pile all the stuff into the
> car and drive it to the center. It is not packed and protected. With a
> little handheld, chances are that it is getting bounced around the trunk
> on its trip to and from the repair depot. I would rather pack and ship
> it to the West coast. At least it will be protected during the trip.
>

I used to work for radio shack, and that is not how we sent the repairs. Yes
they did sit around for a couple of days, But for no longer than until Friday
or when there was anouph to fill the shipping box, and We did see to it that
each Item had enouph protection for during the trip.

The problems that I have had with my HTX 202 consist were that the TX audio
went out now and then, but that has bein repaired 2yrs ago. and I accedently
left my Nicad in the back of my tuck and some watter spilled on it, and caused
it to corode, They replaced it for free.

-Micah-

http://community.net/~micah/

SOON TO BE LDS Missionary, (report to the MTC on 5-3-95)
Pennsylvania Pittsburgh Mission

==========
Lt.cmdr. Micah j. Child | Lt. Dr. Ezra N Child
USS Bismarck | USS Avenger
United Federation of Planets | United Federation of Planets
Star Fleet | Star Fleet
==========
micah@solano.comunity.net KD6PJM@WA6HAM.#NOCAL.CA.USA.NA
Internet Address Amature Radio Packet net address

Micah j. Child
KD6PJM

You can't run with the big dogs..
if you pee like a puppy.

4323. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 22:50:58 UTC
From: gt0012b@prism.gatech.edu
Message-ID: <3la3si$lbv@acmex.gatech.edu>
Source record: 249927
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,rel

Y'know, it's a damn fine thing that there was no phone number or reply request on this because then it sure would have looked like an advert, what with the massive crossposting and all...

or am I just paranoid?

--
Brandon M. Smith | "If I were King for a day, i'd rewrite
Graduating in 6 short months | the book of love -- and make it funny."
gt0012b@prism.gatech.edu | - Laurie Anderson

4324. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 22:57:49 UTC
From: myers@West.Sun.COM
Message-ID: <3la49d$7ri@abyss.West.Sun.COM>
Source record: 249778

In article <3l8voc$f43@news1.databank.com>,
WB3U <jackl@pinetree.microserve.com> wrote:

>No, your lengthy, unsolicited responses to my original post have consisted
>primarily of misquotes, diversion and a dedicated desire to fault my
>reasoning at a level commensurate with your own.

Unsolicited responses? Didn't you post to a newsgroup? There's
an implied solicitation of response there. Are you new on the Usenet?

After the snide tone you've taken with Todd, maybe it would
appropriate to be a little snide with you in explaining the
basics of the Usenet. But, I normally take a little pity
on newbies and try to be nice.

So, Jack, before you start flaming people, maybe you'd better get
the lay of the land. Your local bookstore probably has 25 different
titles about "getting on the Internet", with sections on proper
Usenet manners. I wish more newbies would read them before going
ballistic.

Does anyone else remember when the only newbies were college freshman?

;-)

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

4325. Re: Time?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 23:05:41 UTC
From: drt@world.std.com
Message-ID: <D66AtH.7o9@world.std.com>
Source record: 249780
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Dana Myers (myers@West.Sun.COM) wrote:

: Your VEC manual is out of date. The FCC recently ruled that an amateur
: may operate once a license has been issued. There's also an 800
: number you can call, but it escapes me right now.

That's correct. The number is 800-322-1117.

-drt

```
=========================================================================
|David R. Tucker KG2S drt@world.std.com|
|-----------------------------------------------------------------------|
| PGP fingerprint: D4 17 D6 86 CC 8E 52 66 22 EF 11 34 9D 46 33 35 |
=========================================================================
```

--

4326. IPS Daily Report - 28 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 23:27:24 UTC
From: rwc@ips.oz.au
Message-ID: <3la60s$abq@flare.syd.ips.oz.au>
Source record: 249781
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 28/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 28 MARCH AND FORECAST FOR 29 MARCH - 31 MARCH

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 27 Mar
Daily Proton Fluence >1 MeV: no data
Daily Proton Fluence >10 MeV: no data
Daily Electron Fluence >2 MeV: no data
X-ray background: no data
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
29 Mar 30 Mar 31 Mar
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 29 Mar: 83/24

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices : A K Observed A Index 27 Mar
Learmonth 17 3233 3443
Fredericksburg 15 16
Planetary 20 19

Observed Kp for 27 Mar: no data
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
29 Mar 20 Unsettled to active
30 Mar 15 Unsettled
31 Mar 15 Unsettled

COMMENT: IPS Geomagnetic Disturbance Warning 95/08 was issued on 24
March and is current for interval 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
28 Mar normal normal-fair poor-fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
29 Mar normal normal-fair poor-fair
30 Mar normal normal-fair poor-fair
31 Mar normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
28 Mar 4 near predicted monthly values to slightly depressed.
Spread F was observed 19-23UT.

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
29 Mar 10 Near predicted monthly values
30 Mar 10 Near predicted monthly values
31 Mar 15 Near predicted monthly values
COMMENT: IPS HF Communications Warning 12 was issued on 27 March and
is current for interval 27-30 March. Observed frequencies at
Townsville were near predicted monthly values and at Hobart were
slightly depressed yesterday.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4327. Re: vehicle oil never wears out

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 23:53:11 UTC
From: Dale Hosack <dhosack@frasier.ssd.lmsc.lockheed.com>
Message-ID: <3la7h7$dc2@butch.lmsc.lockheed.com>
Source record: 249783
Cross-posted to: rec.music.reggae,rec.music.rem,rec.nude,rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers

enfo@wsnet.com (Haywood Nawlin) wrote:
>
> Keep fresh oil in your vehicle engine,
---Blatant advertisement SNIPPED!---
> enfo@wsnet.com

Please stop contaminating this space with your blatant advertizing drivel! This is not a supermarket and you are wasting bandwidth!!!!

Dale

4328. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 23:59:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9173.545@acenet.com>
Source record: 249785

MC>om>
MC>Newsgroups: rec.radio.amateur.misc
MC>Organization: Hewlett-Packard Company

MC>Tell a newbie this...

MC>Does one QSL to stations contacted in a contest?
MC>..... Mike G0UGR

YES! Absolutely! Via the RSGB Bureau to save money on postage
of course. Then 6 months from now you start getting loads of
nice looking cards from people all over the world! (Like AF4K
for example - grin!)

\\\ ������☐ Amateur Radio AF4K ������☐ \ | /
/// ☐☐☐☐☐☐☐ Brian in Gaithersburg, MD ☐☐☐☐☐☐☐☐ ____ \|/____
/|\
22 miles N.W. //// / | \
of Washington, D.C. (o o) / | \
☐☐☐☐☐☐☐☐☐☐oOO☐☐(_)☐☐OOo☐☐☐☐☐ |
☐ Jesus is Lord! ☐ |
☐ Brian in Gaithersburg, MD ☐ |
☐☐☐☐☐☐☐☐☐☐

4329. Amateur Radio Newsline #9

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-28 23:59:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9174.545@acenet.com>
Source record: 249786

Newsgroups: rec.radio.amateur.misc,rec.radio.info
From: brian.carling@acenet.com

Hi Steve, we got the 100+ lines of disclaimers, closed-circuit advisories, return addresses, phone numbers etc., but most of the "meat" of this Bulletin got truncated here since it was too long for the BBS.

i.e. we got everything up to and including the first three lines about "New ham band at 219 MHz" and then it ended mid-sentence.

Any chance you could still send these out in "bite-sized" pieces of say, less than 120 lines each, for all of us humble Internet BBS users?

Thanks & 73 - Brian, AF4K
brian.carling@acenet.com

• SLMR 2.1a • Remember, you are unique, just like everyone else!

4330. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayD67ooB.38v@netcom.com>
Source record: 249628

C. Sim James (jamescs@mail.auburn.edu) wrote:
: Bill Feidt (wfeidt@cpcug.org) wrote: : Can someone provide a location for
: AJ7/JK2VOC. He's apparently an : operation in the WPX SSB test this
: weekend. TIA for any help.

: There was also a aj7/jr3... something that I worked and I was wondering where
: he is too. I mean aj is an American prefix to my knoledge. I am pretty
: sure but hey I might be wrong. :)

AJ7/JR3NZC was also operating single-op from one the other operating
positions at the W7RM super-station in La Center, Washington.

73 de Sandy
WA6BXH/7J1ABV
slay@netcom.com

4331. Talking multimeters?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: edwar029@maroon.tc.umn.edu
Message-ID: <edwar029-2903951108460001@dialup-3-230.gw.umn.edu>
Source record: 249629
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics

A blind friend of mine wants to purchase a voice-synthesized multimeter.
Does anyone know who manufactures these devices, and where to obtain one?

Thanks!

Robert Edward
edwar029@maroon.tc.umn.edu

4332. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: o10022@a81.corp.mot.com
Message-ID: <1995Mar29.165719.427@schbbs.mot.com>
Source record: 249630

Recently I listened in to some HF phone contesting, and (being new to ham radio) left with this question:

What is the content of the brief responses to the CQ's?

The responses sounded like they might begin with the usual RS signal report, and then there were other numerical statements designating I know not what.

The books I have gave me no answer. Had I known how to respond correctly, I could have helped some contesters make contact. Not knowing, I didn't respond at all.

Tony
KC7HDT

4333. PC Soundcard/Function Gen

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: rkoch@mailgw.sanders.lockheed.com
Message-ID: <rkoch.357.2F799A41@mailgw.sanders.lockheed.com>
Source record: 249631

Anyone know of a program that can generate sine/sawtooth waveforms
in the audio frequency range for an IBM/PC/Soundcard?

And a program that will display audio waveforms in realtime like an o.scope?

Thanks...

reply to: rkoch@rapnet.sanders.lockheed.com

4334. Canadian Callsign Database???

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: "John A. VOGRINETZ" <johnv@aec.env.gov.ab.ca>
Message-ID: <3lc523$a2t@nntp.gov.ab.ca>
Source record: 249632

At a recent fleamarket I was told that Industry Canada is maintaining
a Canadian callsign database on the Carlton University computer
system. The address that I was given always came back stating the
host could not be found. Is there anyone that knows if this really
exists and how to access it?
Tnx from John VE6FR ex-VE6JAV aka CJ6V

4335. Border Waters Trip

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3lc592$1ku@newshost.lanl.gov>
Source record: 249633
Cross-posted to: rec.radio.amateur.misc,rec.boats.paddle

A group of us are planning to go to the Border Waters in northern Minn. over Memorial Day week
If anyone has any input about conditions hints and tips etc. it will be greatly appreciated. Equipment recomendations particularly welcome
I am also looking for Amateur Radio repeaters that might be in the area.
I intend bringing my GPS and a hand held for emergency use. Current plans are for 3 canoes (rented) and one Folbot to use on the journey. Fishing and escape from work are the primary objectives.

4336. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: drumhell@claudette.nrl.navy.mil
Message-ID: <3lc6q7$kpa@ra.nrl.navy.mil>
Source record: 249634

In article <3lbfmp$mti@news.duke.edu> kuzen001@acpub.duke.edu (Ken Kuzenski) writes:

> [some stuff deleted]
>
> I've found on a number of long trips that there isn't much going
> on 52 simplex. But it hasn't been dead, either. There are usually
> some truck-driving hams to be found every half-hour or so, at least
> on major highways. And if you're desperate for chat, you can always
> tune in local repeaters--THAT's where the locals are.
>
> [the rest deleted]
>

This past weekend my two brothers, their wives, and I travelled to Pennsylvania to visit my home town, Bethlehem, PA. We used simplex frequency 146.50 mHz. We had to move twice (up/down 10 kHz.) to avoid interfering with other QSO's. In both cases the stations appeared not to be mobile. So, yes, there is some simplex work out there, but not much.

BTW, what is `52 simplex.' Does it mean 145.52 mHz? 145.20 mHz? Is this frequency, whatever it is, a common mobile frequency? According to the ARRL 2-meter band plan, there is no simplex frequency (frequencies) suggested for mobile simplex. Should there be?

-Dave, KA3QBQ
--
David Drumheller phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

4337. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <3lbu69$ae8@detroit.freenet.org>
Source record: 249635

You might try the following supplier:

C. W. Wolfe Communications
1113 Central Avenue
Billings, Montana 59102

They put out sales flyers with lots of used communications gear.
Roland Burgan, KB8XI
--

4338. Re: RadioTelephone handsets wanted. (thanks for 7441 info, too)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <3lbumt$c3r@detroit.freenet.org>
Source record: 249636

Try the following:

FAIR RADIO SALES
P. O. Box 1105, 1016 E. Eureka St.
Lima, Ohio 45802

They have a catalog that list all kinds of military surplus
equipment.
Roland Burgan, KB8XI
--

4339. Re: How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <3lc89o$8st@vixen.cso.uiuc.edu>
Source record: 249637

In <17370A522S86.WALLY@ukcc.uky.edu>, WALLY@ukcc.uky.edu (Walter R Francis) writes:
>I'd say wait a 12 days after the test date, call, then call every other
>day until you get it...

It was 10 days in the case of my 11-year old son. He has passed the
test on Sunday March 19, his 610s were received by the FCC on the
22nd, sent to FCC electronically on the 25th, lost by the FCC on the
28th, resent again by ARRL the same day, and the callsign assigned
today. Ordinarily, 610s filed electronically are assigned callsigns
the same night.

I called FCC several times. The average number to not to get a busy
signal was 3 min, and an average time waiting was about 5 min. ARRL
gave me, by E-mail, exact times of receiving the VEC packet and
sending 610s to FCC.

Altogether, I am very satisfied with both ARRL and FCC. Mistakes
happen everywhere, just good organizations correct them right away.
This does not include INS, where, for example, after waiting 5 hours
in line, one cannot get extra forms, because the office has closed
to cutomers 5 minutes ago (2pm).

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

4340. Re: How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: shill@sccsi.com
Message-ID: <shill-2903951117050001@shill.sccsi.com>
Source record: 249638

In article <3l72nv$nu9@legba.synergy.net>, mbrinkho@falcon.inetnebr.com (Matt C. Brinkhoff) wrote:

> I recently passwd my Tech+ exam (3/23), and I'm curious how long it will
> take before I can call the FCC, get my call and go on the air.
>
> Any recent experiences?

Hi and welcome!

I took my Tech exam on 3/15 and was wondering the same thing. I figured I ought to give the ARRL and FCC about two weeks. Instead, I called the 800 number after eleven days. They told me that they had just processed the license that day and cheerfully gave me my call sign. Lucky timing on my part.

Sam, KL5NMY

4341. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Mar29105828@rinhp750.gmr.com>
Source record: 249639

In article <8A64575.0277006E1A.uuout@atlwin.com> jay.stewart@atlwin.com (JAY STEWART) writes:

<snip>
As for the extended warranty- You forget the fact that the warranty
covers YOUR mistakes (i.e. dropping the unit) as well as manufacturer's
defects, AND the warranty from Radio Shack is renewable at the end of
three years.
<snip>

That's five years.

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept. GM R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

4342. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD67t3E.493@netcom.com>
Source record: 249640

Walter Reid Fletcher (fletcher@moho.uwyo.EDU) wrote:

: This is a request for any information having to do with any current or known
: upcoming proposals -to- or -by- the FCC with regard to specific licensing of
: amateur stations in repeater service.

There are several things cooking right now with respect to Repeater
coordination and yes, it's possible the reinstatement of licensing of
repeaters could come out of it. To my knowledge, however, this is only a
discussion point right now with no firm proposals being made. It's not
clear how favorable the FCC would be to such a change.

: I have in front of me a form ostensibly sanctioned by the Mid-America
: Coordination Council (an organization I have never heard of). In the
: first paragraph a vague reference is made to "possible FCC regulatory
: proposals". The second paragraph cites the "proposal" (vaguely cited
: in the first paragraph) as justification for advising the providing of
: certain information to the applicable frequency coordination authority
: since it will be necessary for the operator of an amateur repeater to
: obtain an FCC amateur repeater license.

MACC is one of the better know and organized Repeater Coordinating bodies
in the U.S. MACC and MACC affiliated groups cover most of the central
U.S. and the Norht West. In my opinion they are getting a little ahead of
themselves on the issue you are talking about, but perhaps better that,
than falling behind. In any case, they just seem to be doing the job that
they have volunteered to do.

Joe Jarrett
K5FOG
Life Member and past officer of the
Texas VHF-FM Society (Repeator Coordination in Texas)

--
****
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
""
* These are my ideas alone. Don't blame anyone else! *
****

4343. Re: VE Exams in Western NY

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: hdshrinkkr@aol.com
Message-ID: <3lc6vh$q6q@newsbf02.news.aol.com>
Source record: 249641

I also am wondering about this. Would you be so kind to email with the time and dates when you do find out?

Thanks,
Bruce
****
"How do you tell a Communist? Well, it's someone who reads Marx and Lenin. And how do you tell an anti-Communist? It's someone who understands Marx and Lenin."
-Ronald Reagan, Arlington, Virginna, September 25, 1987

Bruce J. Howes
HdShrinkkr@aol.com
****

4344. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: cramer@mksol.dseg.ti.com
Message-ID: <3lcbig$if3@mksrv1.dseg.ti.com>
Source record: 249642

David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
: In article <3lbfmp$mti@news.duke.edu> kuzen001@acpub.duke.edu (Ken
: Kuzenski) writes:
: >
: > [the rest deleted]
: >

: BTW, what is `52 simplex.' Does it mean 145.52 mHz? 145.20 mHz? Is
: this frequency, whatever it is, a common mobile frequency? According to
: the ARRL 2-meter band plan, there is no simplex frequency (frequencies)
: suggested for mobile simplex. Should there be?

52 usually refers to 146.52 simplex. This is the national simplex frequency
IAW my 1988-1989 ARRL repeater directory page 29. The directory also lists
several other simplex frequencies. While traveling, it is usually safest to
use only thoes frequencies listed as simplex frequencies since there should
never be a repeater input or output on thoes frequencies.

Maybe the reason there isn't much activity on "52" is that many newer hams
don't know about it. (No flames intended) Hey old timers lets get the word
out to the newer members of the radio fraternity.

BTW the following are the national simplex frequencies for several VHF/UHF
bands also from the 88-89 ARRL Repeater Directory:

50Mhz: 52.525MHz
144Mhz: 146.520MHz
220MHz: 223.500MHz
440MHz: 446.000MHz
900MHz: 906.500MHz
1.2GHz: 1294.500MHz

Hope this helps. Remember to listen to 146.52 when traveling and maybe you'll
meet some new friends.

Norm WD2AEM
cramer@dseg.ti.com

4345. Re: Border Waters Trip

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: gc@universe.digex.net
Message-ID: <3lccif$kai@universe.digex.net>
Source record: 249643
Cross-posted to: rec.radio.amateur.misc,rec.boats.paddle

In article <3lc592$1ku@newshost.lanl.gov>,
Gerald Schmitt <ggs@aerie.lanl.gov> wrote:
>
>A group of us are planning to go to the Border Waters in northern Minn. over
>Memorial Day week
>If anyone has any input about conditions hints and tips etc. it will be
>greatly appreciated. Equipment recomendations particularly welcome
>I am also looking for Amateur Radio repeaters that might be in the area.
>I intend bringing my GPS and a hand held for emergency use. Current plans
>are for 3 canoes (rented) and one Folbot to use on the journey. Fishing and
>escape from work are the primary objectives.

This is a real nice area for canoeing and getting-away-from-it-all.
I went with a group of 4 (two canoes) a few years ago (hmm, well,
maybe more than a "few" years ago; more like 25 years ago.)
Here are a few random comments:

- Get a good map of the area you will be visiting. Good ones that
show the bodies of water and portage trails are available.

- Weather can be variable. It was warm but rained a lot in June.
Take rain gear.

- Take lots of DEET.

- Depending on your route, frequent portages may be necessary. Have
some big back packs or some way to load up your gear so you can carry it
easily.

- Campsites are generally primitive. That is, you look for enough
open space to set up your tent.

- The area near the put in point was quite crowded with motor boats
and week-end visitors fishing. But after two days of canoeing and
several portages, we got away from them and didn't see but one or
two other campers for about a week till we got back.

- I am not much into fishing myself, but the walleyes sure tasted good.

I can't tell you about repeaters. The repeater directory lists one in
Ely. You may get out of HT range. A simple coaxial antenna and
some coax that you could throw up in a tree might help. There
aren't a lot of big hills for you to climb to get a better
shot at the repeater.

A little single band QRP HF radio seems like it might be fun to take along.

Now maybe someone else out there can give you a little more up to date information. :-)

73 ES have a nice trip

Gary

4346. KENWOOD TH-F28 modificati

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: jonathan.swan@welcom.gen.nz
Message-ID: <9503300721025439@welcom.gen.nz>
Source record: 249644

I also have a Kenwood TH-28 here in New Zealand, & chased up
considerable mods on it last year ... even posting them to this
newsgroup. A matrix of VERY tiny diodes inside the unit controls exact
coverage, but some extensions are simply available using undocumented
front panel key presses ! Reply here for details (Ham ZL2AJZ)

4347. Re: How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: psoper@encore.com
Message-ID: <D67yH1.C7A@encore.com>
Source record: 249645

I took tests on 2/7 and my callsign was assigned on 2/9. This was with the local VE group doing electronic filing so "your mileage may vary". Another datapoint in about two weeks will hopefully make this a pleasant trend for me.

Pete Soper KE4VNT (psoper@encore.com) 919 481 3730/voice 919 481 3868/FAX
Encore Computer Corp 901 Kildaire Farm Rd Cary, NC 27511 USA

4348. Skywarn Info Pse.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: dsantoro@pipeline.com
Message-ID: <3lccbb$1fq@news.nyc.pipeline.com>
Source record: 249646

Hi Everyone

My wife and I want to get involved with Skywarn. Any Info on how to proceed would be greatly appreciated.

73 & TIA
Dave N2VYP

4349. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: gc@universe.digex.net
Message-ID: <3lcidh$mq6@universe.digex.net>
Source record: 249647

In article <3lcbig$if3@mksrv1.dseg.ti.com>,
Norman W Cramer <cramer@mksol.dseg.ti.com> wrote:
>David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
>: In article <3lbfmp$mti@news.duke.edu> kuzen001@acpub.duke.edu (Ken
>: Kuzenski) writes:
>: >
>: > [the rest deleted]
>: >
>
>: BTW, what is `52 simplex.' Does it mean 145.52 mHz? 145.20 mHz? Is
>: this frequency, whatever it is, a common mobile frequency? According to
>: the ARRL 2-meter band plan, there is no simplex frequency (frequencies)
>: suggested for mobile simplex. Should there be?
>
>52 usually refers to 146.52 simplex. This is the national simplex frequency
>IAW my 1988-1989 ARRL repeater directory page 29. The directory also lists
>several other simplex frequencies. While traveling, it is usually safest to
>use only thoes frequencies listed as simplex frequencies since there should
>never be a repeater input or output on thoes frequencies.

146.520 MHz (aka "five two simplex" or just "five two") has been
recognized as the national (US) 2m simplex frequency since the early
1970's. This is for either mobile or base stations.

In the 1993-1994 Repeater Directory the band plan shows 146.520MHz
listed as the "National Simplex Frequency". This is on the second
page of footnotes for the 144MHz bandplan. It is there but not too obvious.

>
>Maybe the reason there isn't much activity on "52" is that many newer hams
>don't know about it. (No flames intended)

Probably true, but a major contributor is that over the years
people have moved to whatever their favorite repeater is.

> Hey old timers lets get the word
>out to the newer members of the radio fraternity.

Norm is right here. Us "old-timers" do have to make some effort to
keep the newbies informed. But what are some good ways to do it?
Our club newsletter editor is always asking for articles and I have
been thinking about writing something up on basic topics
but I just never get around to it.

What could be done here on USENET? If someone asks "What's 52 simplex?"
they may get a flood of answers, but the usual problem that new

people usually don't have any idea of what questions to ask in the first
place. Maybe we need a QNAOE (Questions Not Asked Often Enough) file.

>
>BTW the following are the national simplex frequencies for several VHF/UHF
>bands also from the 88-89 ARRL Repeater Directory:
>
>50Mhz: 52.525MHz

I really am going to get back to monitoring 52.525 Real Soon Now. :-)
The receiver is on my work bench waiting to be tuned up.

>144Mhz: 146.520MHz

I used to monitor this from home but it would sometimes get too busy.
Maybe I'll try again.

>220MHz: 223.500MHz

I monitor this from home a lot (except when some local broadband
trash comes up) but there is not much activity except during VHF contests.

>440MHz: 446.000MHz
>900MHz: 906.500MHz
>1.2GHz: 1294.500MHz
>
>
>Hope this helps. Remember to listen to 146.52 when traveling and maybe you'll
>meet some new friends.

I think it will help. I have occasionally listened to 52 when traveling.
Sometimes I'll hear locals; frequently I'll just hear other
itinerate mobiles like myself.

Some good comments, Norm. Some newbies have probably learned
about "five-two" and a few of us old-timers have been reminded to make
some use of it.

73,

Gary

4350. Communications Quarterly Columnist to Speak at Dayton

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: nw2l@aol.com
Message-ID: <3lck6h$ssm@newsbf02.news.aol.com>
Source record: 249648

"Communications Quarterly" Columnist to Speak at
Dayton Hamvention - K1BQT on "Hi-tech Scrounging"

Attention "Quarterly Devices" Fans: If you're headed to the Dayton Hamvention this year, check out the VHF/UHF forum of the Midwest VHF/UHF Society. Rick Littlefield, K1BQT, "Quarterly Devices" columnist for "Communications Quarterly" magazine, will share the secrets of "high tech scrounging" or, as he calls it, "that artful pocess every resourceful designer must master i order to gain access to the world of high-tech R&D."

Learn what products are fair game for sample requests, where to fing out about new electronic components, and how to obtain samples for your latest project. K1BQT, a master scrounger himself, will teach you some tricks of the trade. Check your Hamvention program for date, time and place.

-- Terry Littlefield, KA1STC
Editor, "Communications Quarterly"

4351. CQ Magazine Highlights - May, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: nw2l@aol.com
Message-ID: <3lck6o$ssp@newsbf02.news.aol.com>
Source record: 249649

HIGHLIGHTS OF MAY, 1995 "CQ" MAGAZINE

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Results of the 1994 CQ World-Wide WPX CW Contest highlight the May, 1995, issue of "CQ", along with a fascinating report on the 9G5TL DXpedition to Ghana for the 1994 CQ World-Wide DX Contest.

Operating a DXpedition station during a major contest is the dream of many an avid DXer and contester. But imagine doing it from a country that, just two years earlier, had considered it a crime to operate a ham radio station. "The 9G5TL Story," by Warren Hill, KF7AY, tells the exciting tale of planning and preparing for this ham radio adventure, the thrills of operating from a rare country during the biggest contest of them all, and of the long-term benefits of the operation to ham radio in Ghana.

The 1995 CQ WW WPX Contest is now history (for the uninitiated, that's short for the CQ World-Wide Worked All Prefixes Contest, in which you try to contact as many stations with as many different callsign prefixes as you can during a 48-hour period). And the results are in from the 1994 event. May's "CQ" magazine reports fully on the CW portion of the contest. Here's a brief list of the trophy winners:

Single Operator, All Band --
-- World: John Crovelli (W2GD), P40W
-- USA: Tyler Stewart, KF3P
-- Oceania: Michael Sato, AH6MZ
-- Canada: John Sluymer, XL3EJ
-- Canada, low power: Gary Caldwell, XL7NTT
-- Japan: Satoshi Hara, JH5FXP

Single Operator, Single Band --
-- World: Martin Monsalvo AZ4F (LW9EUJ)
-- World, 7 MHz: Bob Furzer, 9K2ZZ
-- World, 3.5 MHz: Pavel Vachal, OK1DXS
-- Oceania: Boyet Lorenzo, 4F3AAL
-- USA: John Yodis, K2VV
-- USA, 28 MHz: Phil Koch, K3UA

-- USA, 21 MHz: Scott Jones, WR3G

Multi-operator, Single Transmitter --
-- World: Station ZX0F (PY0FF & YU1RL, operators)
-- USA: Station WC4E (WC4E, K1ZX, G4BKI/W4,
WB4BBH, W1CW, W1YL, operators)

Multi-operator, Multi-Transmitter --
-- World: Station 9A1A (9A2OG, 9A2DQ, 9A2EU,
9A2LJ, 9A2NJ, 9A2KL, 9A2AJ, 9A3GW, 9A3TW,
9A3NR, 9A3TF, 9A3MJ, 9A4WW, F2CW, S58KW,
operators)

Contest Expdition --
-- World: Station HV4NAC (I2UIY & I2VXJ, operators)

Combined SSB/CW --
-- World: Jim Neiger, N6TJ (ZD8Z)
-- Europe: Gerard Parat, F6FGZ
-- USA: Tyler Stewart, KF3P

Club (SSB/CW) --
-- World: Northern California Contest Club
-- USA: Yankee Clipper Contest Club

The May issue of "CQ" magazine should be in subscribers'
mailboxes and on the newsstands by late April. "CQ-The
Radio Amateur's Journal" is the leading indepndent ham
radio magazine in the US. It is celebrating its 50th
anniversary in print during 1995. To contact CQ or its
authors online, send e-mail to any of the following
addresses: CQMagazine@aol.com, CQ@genie.geis.com, or
72127.745@compuserve.com.

4352. Re: Skywarn Info Pse.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <3lcluc$q8k@acme.freenet.columbus.oh.us>
Source record: 249650

Dave Santoro (dsantoro@pipeline.com) wrote:
: Hi Everyone

: My wife and I want to get involved with Skywarn. Any Info on how to
: proceed would be greatly appreciated.

I don't know where you are from, but if Skywarn is active (it can be called other things in some areas) you should hear of a local 2M net in operation.... check on local repeaters, clubs, or the local ARES organization. If all else fails, call the local NWS office, they would either know if one is active, or be looking for one to form. If all else fails, contact the Section EC for ARES in your ARRL section, which can be found in the back section of QST.

: 73 & TIA : Dave N2VYP

73,

--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

4353. IPS Daily Report - 29 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <3lcpt2$31d@flare.syd.ips.oz.au>
Source record: 249651
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 29/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 29 MARCH AND FORECAST FOR 30 MARCH - 01 APRIL

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 81/22

GOES satellite data for 28 Mar
Daily Proton Fluence >1 MeV: 2.1E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 1.3E+08 (moderate)
X-ray background: B1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
30 Mar 31 Mar 01 Apr
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 30 Mar: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled

Estimated Indices : A K Observed A Index 28 Mar
Learmonth 12 3333 3321
Fredericksburg 20 12
Planetary 20 18

Observed Kp for 28 Mar: 3353 3332
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
30 Mar 15 Unsettled to active
31 Mar 15 Unsettled to active
01 Apr 15 Unsettled to active

COMMENT: Active periods can be expected during local night. IPS
Geomagnetic Disturbance Warning 95/08 was issued on 24 March and is
current for interval 26 - 31 March.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND
DATE LOW MIDDLE HIGH
29 Mar normal normal fair
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
30 Mar normal normal fair
31 Mar normal normal fair
01 Apr normal normal fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
29 Mar 13 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
30 Mar 15 Near predicted monthly values
31 Mar 15 Near predicted monthly values
01 Apr 20 Near predicted monthly values

COMMENT: IPS HF Communications Warning 12 was issued on 27 March
and is current for interval 27-30 March. MUFs at Townsville were
depressed by up to 15-20% during the interval 0100-0400UT. Near
predicted values were observed at other times, at Townsville.
MUFs at Hobart were slightly depressed for most of the UT day,
with strong spread F observed during local night, indicating
degraded local night conditions at Hobart.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4354. What is form 610 address?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: apreciad@cs.uml.edu
Message-ID: <3lcs4g$f1e@ulowell.uml.edu>
Source record: 249652

What is the address for the FCC (to send a form 610 to?)

Andrea
WS1C

--
Andrea Preciado
apreciad@cs.uml.edu
amateur radio tcp/ip: ws1c@switch.lmnstr.ampr.org

4355. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar29.142136.21684@ke4zv.atl.ga.us>
Source record: 249653

In article <3l2h69$a05@nic.iii.net> dts@peanut.senie.com (Daniel Senie) writes:
>In article <1995Mar23.145749.25666@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>)Anything with a computing device needs Part 15 certification (at
>)least for now, the FCC has announced plans to relax that).
>
>I didn't read the same thing into the FCC's NPRM. What I read was
>that they were going to relax the REPORTING rules such that a device
>which has been tested and shown to meet Part 15 could then be sold
>without waiting for the paperwork to be processed and approved by
>the FCC.
>
>There is not going to be a significant change in the part 15 emissions
>of computer devices, especially any sold into Europe. Devices have to
>meet much tighter standards to be sold in Europe than they do to pass
>FCC part 15.

It's not the major manufacturers who will be affected, it's the clone houses. While many of them skirt present regulations, the newly proposed regulations will practically give them carte blanche to sell noisemakers. Among other things, the new regulations won't require certification of entire computer assemblies if the component subassemblies meet Part 15 certification. As most people who've slapped clones together know, subassembly compliance isn't sufficient to assure that the assembled system will be in compliance.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4356. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar29.142919.21776@ke4zv.atl.ga.us>
Source record: 249654

In article <199503272219.OAA03245@UCSD.EDU> fletcher@moho.uwyo.EDU (Walter Reid Fletcher) writes:
>This is a request for any information having to do with any current or known
>upcoming proposals -to- or -by- the FCC with regard to specific licensing of
>amateur stations in repeater service.
>
>I have in front of me a form ostensibly sanctioned by the Mid-America
>Coordination Council (an organization I have never heard of). In the
>first paragraph a vague reference is made to "possible FCC regulatory
>proposals". The second paragraph cites the "proposal" (vaguely cited
>in the first paragraph) as justification for advising the providing of
>certain information to the applicable frequency coordination authority
>since it will be necessary for the operator of an amateur repeater to
>obtain an FCC amateur repeater license.

If you'll read the minutes of the last ARRL BOD meeting, you'll find
that this is one of the issues the ARRL will be bringing up with
coordinators at the meeting of coordinating bodies they are calling.
If you don't like this idea, I certainly don't, then you should
contact your local coordinators and express your opinion on the
matter strongly. Make sure that they do the same at the ARRL meeting.
This is one idea that needs to be nipped in the bud before we are
back to the horrors of the 70s in regard to repeater licensing and
modification.

This is another case, like the one currently boiling regarding
HF bulletin stations, where a sledge hammer is being proposed
to deal with a mosquito.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4357. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: dgoodman@aol.com
Message-ID: <3lbuub$oml@newsbf02.news.aol.com>
Source record: 249655

>How did he get a license like that?

I doubt his reciprocal license has this call on it. According to the contest rules, you can use any legal portable prefix. If the license says he should be signing W7/xxx, then he interpreted the "W7" part to be generic, and substituted a more WPX-y prefix.

It's all kind of goofy because there are so many U.S. hams who think their two-letter/one-number prefixes are so rare that they'll create huge pileups of stations trying to work them for prefix multipliers. I oughta know.

Danny Goodman AE9F/6
Author, "Living at Light Speed"

4358. Last Chance Conn. Spec. Olymp. Vol. Signup!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: kd1yvjim@aol.com
Message-ID: <3ld2gt$3o6@newsbf02.news.aol.com>
Source record: 249656

Last Chance for Connecticut Hams to Sign Up for Special Olympic Traffic Operations.

Perhaps with the weather still brisk, you are thinking that June and July are very distant. Unfortunately, the folks at Special Olympics are not! Since they expect about 45,000 volunteers in total, they must have the names and addresses submitted NOW in order to issue the necessary credentials. Without credentials, _YOU_ will not be allowed to serve!

As a reminder, I am Project Manager for the group that will handle third-party traffic messages from the athletes and the general public to send back to their families and friends at home. Traffic handling experience is not necessary - we have some slick computer programs to make it simple enough for athletes and others to enter their own messages, but we _do_ require hams to staff the booths and review the message content before transmitting.

If you plan to volunteer, you must do it _NOW_! Hit that "Reply Key" and send me a message with your name, callsign, address and telephone number(s). I will then be in touch with you at a later date to arrange the actual scheduling of the date(s) you can serve.

I am not asking for anybody to work the whole time (except my own "Hamily"), not even a whole day. Just a 3 hour shift, and believe me, it will give _you_ a warm and fuzzy feeling helping others!

73 DE KD1YV
Jim Ritterbusch
11 Maple Row
Bethel CT 06801

AOL/Internet: KD1YVJim @ aol.com
AX.25: KD1YV @ K1UOL.CT.USA.NOAM
Phone evenings (203) 790 7031

4359. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: peter@Thoth.ST.3Com.COM
Message-ID: <PETER.95Mar29075652@Thoth.ST.3Com.COM>
Source record: 249657

Look in the yellow pages under "Plastics, Suppliers". I found an
industrial plastic supplier who was willing to sell me stuff from
his scrap bin. Lexan and Plexiglass come in almost any color
and size you can think of.

Regards,
Peter
--
--

Peter Simpson, KA1AXY Linux! Peter_Simpson@3mail.3com.com
3Com Corporation The free Unix (508) 836-1719 voice
Northborough, MA 01532 for the 386 (508) 393-6934 fax

4360. Re: SOS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: mah48d@rohmhaas.com
Message-ID: <mah48d-290395123456@wm48d.ho.rohmhaas.com>
Source record: 249658

In article <MORAWSKI.95Mar27183628@starbase.azrael.mitre.org>,
morawski@starbase.azrael.mitre.org (Paul Morawski) wrote:

> It comes from "procedural signal", not to be confused with "numbered
> radiograms", such as 73, 88, 61, etc.

Some confusion here--as far as I've been able to tell, the 33, 73, 88 and
the like used as closings by telegraphers were never "numbered radiograms"
(such as the ones the ARRL uses to expedite traffic handling--"canned" text
for particular situations), but rather developed as a jargon within the
land-line telegraphers' fraternity.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
e-mail: mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

4361. Re: Ugly!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: mah48d@rohmhaas.com
Message-ID: <mah48d-290395124043@wm48d.ho.rohmhaas.com>
Source record: 249659

In article <3l0k9f$9lr@newsbf02.news.aol.com>, tcnic@aol.com (Tcnic) wrote:

> Came across a repeater up in the Bay area. Ugly!! These guys discuss
> the gutter: nasty type language, high school locker room preoccupation
> with private type body parts (male and female), etc. One guy even had the
> 11M reverb hooked to his mic. Hate to think this is where the hobby is
> head'en.

So long as the rest of us practice some restraint, these types tend to have nobody to talk to but themselves. As a result, they tend to congregate in one place, like the repeater you mention, and leave the rest of the band relatively uncontaminated. In the Philadelphia area there's a simplex frequency that, late in the evening, serves the same function.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
e-mail: mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

4362. Barry Goldwater on the Best of Net.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.171.0066F4B4@mindspring.com>
Source record: 249660

For interested readers, the Best of Net will have as a special guest,
Senator Barry Goldwater K7UGA April 15th at 2100 Eastern.

For more information go to the Best of Net Home Page....

Thanks Don Simpson

Sincerely,

Don Simpson

ko4ta@mindspring.com
World Wide Web Home page
http://www.mindspring.com/~ko4ta/bestofnet.html

```
+_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_- +
|"All Men Do not have to agree."|
| Amateur Radio Call "KO4TA" |
| Woodstock, Ga. |
+-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-+
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4363. CQ Magazine Highlights - May, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: nw2l@aol.com
Message-ID: <3lck74$st1@newsbf02.news.aol.com>
Source record: 249661
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

HIGHLIGHTS OF MAY, 1995 "CQ" MAGAZINE

Copyright 1995 by CQ
Communications, Inc.

Results of the 1994 CQ World-Wide WPX CW Contest highlight the May, 1995, issue of "CQ", along with a fascinating report on the 9G5TL DXpedition to Ghana for the 1994 CQ World-Wide DX Contest.

Operating a DXpedition station during a major contest is the dream of many an avid DXer and contester. But imagine doing it from a country that, just two years earlier, had considered it a crime to operate a ham radio station. "The 9G5TL Story," by Warren Hill, KF7AY, tells the exciting tale of planning and preparing for this ham radio adventure, the thrills of operating from a rare country during the biggest contest of them all, and of the long-term benefits of the operation to ham radio in Ghana.

The 1995 CQ WW WPX Contest is now history (for the uninitiated, that's short for the CQ World-Wide Worked All Prefixes Contest, in which you try to contact as many stations with as many different callsign prefixes as you can during a 48-hour period). And the results are in from the 1994 event. May's "CQ" magazine reports fully on the CW portion of the contest. Here's a brief list of the trophy winners:

Single Operator, All Band --
-- World: John Crovelli (W2GD), P40W
-- USA: Tyler Stewart, KF3P
-- Oceania: Michael Sato, AH6MZ
-- Canada: John Sluymer, XL3EJ
-- Canada, low power: Gary Caldwell, XL7NTT
-- Japan: Satoshi Hara, JH5FXP

Single Operator, Single Band --
-- World: Martin Monsalvo AZ4F (LW9EUJ)
-- World, 7 MHz: Bob Furzer, 9K2ZZ
-- World, 3.5 MHz: Pavel Vachal, OK1DXS
-- Oceania: Boyet Lorenzo, 4F3AAL

-- USA: John Yodis, K2VV
-- USA, 28 MHz: Phil Koch, K3UA
-- USA, 21 MHz: Scott Jones, WR3G

Multi-operator, Single Transmitter --
-- World: Station ZX0F (PY0FF & YU1RL, operators)
-- USA: Station WC4E (WC4E, K1ZX, G4BKI/W4,
WB4BBH, W1CW, W1YL, operators)

Multi-operator, Multi-Transmitter --
-- World: Station 9A1A (9A2OG, 9A2DQ, 9A2EU,
9A2LJ, 9A2NJ, 9A2KL, 9A2AJ, 9A3GW, 9A3TW,
9A3NR, 9A3TF, 9A3MJ, 9A4WW, F2CW, S58KW,
operators)

Contest Expdition --
-- World: Station HV4NAC (I2UIY & I2VXJ, operators)

Combined SSB/CW --
-- World: Jim Neiger, N6TJ (ZD8Z)
-- Europe: Gerard Parat, F6FGZ
-- USA: Tyler Stewart, KF3P

Club (SSB/CW) --
-- World: Northern California Contest Club
-- USA: Yankee Clipper Contest Club

The May issue of "CQ" magazine should be in subscribers'
mailboxes and on the newsstands by late April. "CQ-The
Radio Amateur's Journal" is the leading indepndent ham
radio magazine in the US. It is celebrating its 50th
anniversary in print during 1995. To contact CQ or its
authors online, send e-mail to any of the following
addresses: CQMagazine@aol.com, CQ@genie.geis.com, or
72127.745@compuserve.com.

4364. Re: W5YI Files Petition f

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9275.545@acenet.com>
Source record: 249662

Newsgroups: rec.radio.amateur.misc
From: brian.carling@acenet.com

Gary Ricketson writes to Bob Wilkins:

GR> "own" a freq, as long as he is a self claimed"bulliton
GR> service".. and sure it is no big deal, for 50 or 60
GR> stations, to move up or down, for the sake of this
GR> one guy, that has decided that day to change his scedual,
GR> and start a couple of hours early..
GR> I bet you are planning to start your own "broadcasts"..
GR> and that is why you don't want to see these rules changed..
GR> maybe you all ready have....

Nag, whine, nag, whine...

• SLMR 2.1a • Remember, you are unique, just like everyone else!

4365. vehicle oil never wears o

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: brian.carling@acenet.com
Message-ID: <2a6.9276.545@acenet.com>
Source record: 249663

Newsgroups: rec.music.reggae,rec.music.rem,rec.nude,rec.pets.birds
rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate
rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf
rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking
relcom.commerce.chemical,relcom.commerce.computers

HN>Keep fresh oil in your vehicle engine,
HN>any size diesel or gasoline, 24 hours
HN>per day 365 days per year.

But, but... I only want oil in my car's engine twenty-THREE hours
a day, and only three hundred and sixty FOUR days a year...
Oh well, guess this is not for me!

HN>All you do is change
HN>your oil filter in the equipment that
HN>purges contaminates from the oil to
HN>keep the oil fresh as new.
HN>enfo@wsnet.com

Wait a minute, is that "purges" or "contaminates?"
Makes a big difference depending on which one it actually
DOES to the oil! What exactly are you trying to sell here?
Will you include some free land in FLorida if I buy it?

 SLMR 2.1a Double your IQ or no money back! Buy, save, buy, save!!!

4366. Re: QSO in an airplane

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D680Ez.JMG@nctams1.uucp>
Source record: 249664

Since you are a student pilot, in my opinion, you should be paying full attention to flying the aircraft. I've spent a few hours behind the controls myself, so I know that it doesn't seem like the most challenging thing, but that's the job at hand.

Save the QSOs for after you get your ticket.

Strictly my opinion...

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

4367. Contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: buddy.sohl@shivasys.com
Message-ID: <9503292203.0UZF100@shivasys.com>
Source record: 249665

Ne> From: jackl@pinetree.microserve.com (WB3U)
>
>But they have! Contests deliberately avoid 30, 17 and 12 meter bands.
>They are always free of contests, to my knowledge.
>

Ne> Thanks for the info. Now all we need is your personal guarantee that
Ne> these bands will be open during an emergency.
Ne> 73, Jack WB3U

The only problem I can see Jack is there would be no one to answer since
everyone would be listening or operating in the 'test <G>. Contesting
is just another facet of amateur radio. I, personally, enjoy the
competition AND comraderie.

Just remember an old adage I've heard bandied about for years.....use em or
lose em

73
KC4WQ

___ Blue Wave/QWK v2.12

4368. Field Day question-------

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <51b_9503310435@woodybbs.com>
Source record: 249666

FG>How about the more general question: anyone, licensed or not,
>may talk on the mike of an amateur station, provided the
>station is under the control of a properly licensed operator.

YES...where "control" is the operative word here.

FG>Is this true also of CW? I.e., may an unlicensed person operate
>the key of an amateur station provided the properly licensed
>operator in control of the station is present?

As above.

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4369. Hamfest in Dayton, OH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <51c_9503310435@woodybbs.com>
Source record: 249667

UL>I am looking for information on the Hamfest in Dayton, OH this year.
>If anyone knows where I can mail for tickets, etc. please let me
>know!!! Thanks

Try:

HamVention
Ticket Chairman
P.O. Box 964
Dayton OH 45401-0964

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4370. **phone number needed to

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: Tom.Hammond@f67.n289.z1.fidonet.org
Message-ID: <51d_9503310435@woodybbs.com>
Source record: 249668

DM>can some one give me a phone number to get my new call sign!

Try:

1-800-322-1117

73 - Tom Hammond N0SS
* LAKOTA v1.4
--
|Fidonet: Tom Hammond 1:289/67
|Internet: Tom.Hammond@f67.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4371. Re: WWW amateur homepages

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: greg.pool@nitelog.com
Message-ID: <8A661F2.0833006E89.uuout@nitelog.com>
Source record: 249669

BL> >> >Im looking for dedicated amateur WWW homepages. If
BL> >> you or your club has one
BL> >> >please email me. I will post a summary later.
BL> >>
BL> >> One that I like (In the Montreal area) is:
BL> >>
BL> >> http://www.cam.org/~dino/ham.html
BL> >>
BL> >> ---
BL> >> Don Lafontaine (VE2UFO)
BL> >> Canadian National Railways Montreal Quebec,
BL> >> Canada
BL> >> Telecom Engineering Email -
BL> >> lafont02@godzilla.cn.ca

You might also try:

http://www.sp.nps.navy.mil/npsarc/k6ly.html

the home page of the Naval Postgraduate School ARC in Monterey CA.

Aloha+73 de Greg wh6dt@amsat.org

4372. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: sprathe@tiger.lsu.edu
Message-ID: <3lcaqt$1ak6@tiger2.ocs.lsu.edu>
Source record: 249740
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical

Michael Kinman (062792@minerva.cis.yale.edu) wrote:
: Any way to keep this crap out?

Check out http://www.ip.net/BL/blacklist.html

Make sure you read the hilarious list of flames and legal threats.

--
Myles Prather "Damn we're smooth" - B&B
EE At LSU

4373. Re: vehicle oil never wears out

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: rbw5462@vaxb.isc.rit.edu
Message-ID: <1995Mar29.194719.20914@ultb.isc.rit.edu>
Source record: 249741
Cross-posted to: rec.music.reggae,rec.music.rem,rec.nude,rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers

In article <3la7h7$dc2@butch.lmsc.lockheed.com>, Dale Hosack
<dhosack@frasier.ssd.lmsc.lockheed.com> writes:
>enfo@wsnet.com (Haywood Nawlin) wrote:
>>
>> Keep fresh oil in your vehicle engine,
>---Blatant advertisement SNIPPED!---
>> enfo@wsnet.com
>
>
>
>Please stop contaminating this space with your blatant advertizing
>drivel! This is not a supermarket and you are wasting bandwidth!!!!
>
>Dale

Oh SHUT UP AND GET A LIFE!!! YOU Are not a mod for this newsgroup. If you are
prove it!!!

TGB
/.

4374. Re: WTD: GP300 Service Manuals

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <3lcgd6$mrq@abyss.West.Sun.COM>
Source record: 249742
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

In article <3lb1eu$3qo@nntp.interaccess.com>,
George Vuckovic <vuckovic@interaccess.com> wrote:
>I'm looking for any Motorola GP300 Service manuals (16 Channel Version,
>UHF Wideband) as well as any information regarding paging capabilities
>between two GP300s. Can I, for example, us QuickCall or whatever it's
>called to turn on my partner's radio? Can Burst tones be used to do
>this? I know the Ritron Patriots are capable of this QuickCall style
>paging, but is the GP300?

Sounds like you need both the service manual and a user's manual for
the GP300. Try Motorola National Parts at (800) 422-4210.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

4375. Re: Hams on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: fuat@tintin.cc.columbia.edu
Message-ID: <3lcpud$cbn@apakabar.cc.columbia.edu>
Source record: 249743

In article <3l6pk7$1c4b@freenet3.freenet.ufl.edu>,
Steven J. King <afn01115@usenet.freenet.ufl.edu> wrote:
>There is, or was, a site or list of hams on the Internet. As I recall,
>the list is compiled by a program that looks for callsigns in people's
>signatures who post to rec.radio.amateur.*. I have not seen this listed
>posted in some time, neither here or alt.answers. Does anybody know
>where I can find this list/site? Thank you.

I think I heard something about the upkeep of it being discontinued,
but I'm not sure of that. The database however is still available.
If you have a WWW browser with forms capability, see

http://www.acs.ncsu.edu/HamRadio/UsenetList.html

I believe the list itself is available via anonymous ftp from
ftp.cs.buffalo.edu and perhaps at other archive sites such as
oak.oakland.edu.

The above URL and other callsign lookup type URLs are listed in:

http://www.columbia.edu/~fuat/cuarc/callsign-servers.html

73,

--Fuat

Columbia University fuat@columbia.edu
703 Watson Labs 212-854-4804
612 W115th Street 212-662-6442 (Fax)
New York, NY 10025 Amateur Radio: N2YGN http://www.columbia.edu/~fuat/

4376. Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: martin.briscoe@almac.co.uk
Message-ID: <8A6659E.044A00BA05.uuout@almac.co.uk>
Source record: 249744

MG> My understanding was that PCM was developed to save copper in telephone
MG> networks.

MG> The telephone circuit is filtered to prevent anything above 4 KHz being

Wasn't the first PCM developed by Alan Turing and Bell Labs during WWII as a
form of speech encryption ?

| Martin Briscoe | Internet: martin.briscoe@almac.co.uk |
| Fort WILLIAM | Packet: GM8AOB@GB7AOB.#76.GBR.EU |
| Inverness-shire |
| PH33 6UG |

---
* RM 1.3 00964 * Martin Briscoe - Fort William - Inverness-shire - Scotland

4377. Re: Out-of-band emergency

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796492844.AA00926@hamlink.mn.org>
Source record: 249745

Part 15 only applies to manufacture and sale, NOT to use.

For example, if you buy a PC which is Part 15 certified and later add a modem card, upgrade the CPU, or put in an ethernet card, the Part 15 certification tag is meaningless.

Some folks here seem to have Part 15 confused with "type acceptance". They are two separate and distinct issues and are not related in any sense.

An amateur can modify ANY equipment to his/her hearts content, so long as it's use complies with Part 97, including spurs, purity, etc., etc., etc.

The manufacturer must certify Part 15 compliance at time of sale, but the user is NOT responsible for maintaining that compliance, any more than the user of a PC is responsible for retesting his PC if he modifies it or adds a card.

73, de Hans, K0HB

4378. Re: Qth for aj7/jk2voc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796492844.AA00927@hamlink.mn.org>
Source record: 249746

The AJ7/Jxxxxx was in Washington state. (No, don't ask me why they weren't W7/Jxxxxx! Maybe next WPX I'll set up on my picnic table and be NX0/K0HB or some such nonsense.)

73, de Hans, K0HB

4379. Re: Us qsl manager for fr5

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796492844.AA00928@hamlink.mn.org>
Source record: 249747

DD>According to the IK4LZH Web, W8AH is the qsl manager for
DD>FR5DX. That info was dated 1991. Is that still the case?

If you get a card let me know. Far as I can tell, FR5DX eats green stamps.

73, de Hans, K0HB

4380. Re: Possible repeater lice

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796521838.AA00930@hamlink.mn.org>
Source record: 249748

MACC is a federation of several (10 or 15?) state repeater coordinating bodies.

There is no proposal that I am aware of to reinstate repeater licensing.

73, de Hans, K0HB

4381. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: zardoz@ornews.intel.com
Message-ID: <3lcbmu$6uu@ornews.intel.com>
Source record: 249749

In article <3lbfmp$mti@news.duke.edu>,
Ken Kuzenski <kuzen001@acpub.duke.edu> wrote:

>I *would* like to see more folks monitor 52 simplex on the hwys, though.
>Keep it in mind on your next trip, eh?

I usually listen on 146.52 when driving. Once in a while somebody hollers
and its sometimes me. Nobody can talk to each other if everybody is
just listening.

Get some address number stickers and plaster "146.52" or even just "52"
on the back of your rig. It may help to have ham plates or a callsign
displayed as well.

Out here in the West (not Texas west) there are so few hams in the boonies
that a CB is a pretty good idea too. The goofballs are mostly in the
cities so when the skip is gone it can be pretty reasonable, believe it
or not!
--
zardoz@ornews.intel.com WA7LDV Greetings and Hallucinations
I speak only for myself... I come in peace...

4382. How much power is enough?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <3lc9no$66d@news.cc.oberlin.edu>
Source record: 249750

I've acquired an HF station which came with an amp/autotuner which
delivers 600 watts output 80-10m. The transceiver can put out 100w.
How much need would I have of 600w especially if I want to 'work the
world'? I really didn't plan on acquiring the amp, but now that I
have it, should I keep it, or would I do okay without? I plan to
use the Butternut 80-10m vertical that came with the setup until I
find some real estate where I can string up lots of long dipoles.
I'm new to HF, and your expert advice will be greatly appreciated.
Please respond via e-mail. 73 de Bill, KB8USZ
pruth@ocvaxa.cc.oberlin.edu

4383. APRS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.28277.7585.0NFB9B99@woodybbs.com>
Source record: 249751

Subject: APRS

>>...the latest version of APRS?

1. Call me at 909-681-6210 and leave your mailing address and diskette size preference. I will mail it ASAP to you.

2. 1200 baud? With 14.4 v.32bis modems available for less that a hundred bucks? <partial grin>

---
 wcECHO 4.0 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

4384. Re: Radio Shack 2m HTs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.28278.7585.0NFB9B9A@woodybbs.com>
Source record: 249752

Subject: Re: Radio Shack 2m HTs

>>Extended Warranties are a rip-off.

Please, NEVER use absolutes!

I have extended warranties on a couple electronic items. COMPREHENSIVE warranties. I drop my HT in 4 years and break it, I get a NEW one. My HT is stolen, I get a NEW one.

That type of warranty, sir, is not a "rip-off."

>>Just read Consumer Reports.

I do. And agree with their emphasis on "read the fine print."

>>The warranties are only good during the first two to three years
>>when you would expect the radio NOT to fail.

Again, you over-simplify and group all warranties into one group.

>>If people would stay away from buying that Korean junk from
>>Tandy...

Gawd, you're opinionated. And that's all this is - an opinion. There are no design flaws with the Tandy/Maxon HTX-202 or HTX-404 HTs that warrant you calling them "junk."

>>Buy quality from a real ham radio dealer. Stay away from the Ft.
>>Worth distributed junk.

Duffy, you don't know what you're talking about. The world would
appreciate it if you'd stick to first-hand knowledge and experience.
---

 wcECHO 4.0 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

4385. sale

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.28279.7585.0NFB9B9B@woodybbs.com>
Source record: 249753

Subject: sale

JAY>>HTX-202s for 189.99 on 4/2/95...HTX-404s for 229.99.

Thanks, Jay, for the info! Might pick up another one for my son.

JAY>>Yes, there will be a 0% interest promo also...

Reminds me of seeing a hooker on Sunset Boulevard last Summer witha sign
around her neck..."SALE - 0% Interest" ....

• wcECHO 4.0 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

4386. Re: Tandy HTX-404

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.28280.7585.0NFB9B9C@woodybbs.com>
Source record: 249754

Subject: Re: Tandy HTX-404

The Project Engineer for the HTX-202 isn't surprised at all with 7-, 8-,
or 9-Watt output reports from HTX-202 owners, BTW.

• wcECHO 4.0 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

4387. [Q] Getting a 2 meter com

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.28281.7585.0NFB9B9D@woodybbs.com>
Source record: 249755

Subject: [Q] Getting a 2 meter commercial freq.

ROB>>...how to get a commecial frequncy...for commercial traffic...
ROB>>on Amateur Radio.

Doesn't equate, Rob.

• wcECHO 4.0 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

4388. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D6771I.Eq2@hpqmoea.sqf.hp.com>
Source record: 249756

Cassandra (clr@iac.net) wrote:

: since I don't have to learn the code. I am warned about the fact that
: I will be looked down on for not taking the code. Truth is, I don't
: have time to learn the code before the test and I can always relearn
: it later. Or so I thought.

I must admit that I'm astounded at the way some people in the US are hung up on a licence class structure. OK, I know that extremists are always disproportionately loud, and that there are plenty of reasonable (and quiet) people around, but the tone of some people opposing no-code licences is bordering on hatred.

I live in a country which has had a no-code licence for over a generation, so I think our attitude to it has had time to settle. Our no-code licence is identical to the "full" licence except that access to bands below 30 MHz is removed. Above 30MHz, both versions are equal.

When the no-code licence was introduced there were loud arguments against it. Nowadays, ask a full licencee about a no-coder and the opinions expressed will be along the lines of:

It's OK if you're only interested in VHF-microwaves
Most no-coders are busy learning Morse
At least something is available for someone with cw learning problems
They're missing out on all the fun on HF
They're missing out on all the fun on CW

I estimate 0.01% on the vituperation scale :-) Some of *the* gurus on a number of topics are code free types as well.

: I've never been turned off so fast by anything before in my life. The
: statements about people with no-code tech licenses not "knowing" about
: propagation or any other aspect of the hobby for that matter may all
: be true.

I get the impression that the majority of the no-code haters are proud of their HF achievements. As the no-coders don't get to go on HF, I cannot see how the no-coders can affect them, unless they find the simple knowledge that no coders EXIST to be offensive ? Or are they worried about congestion on 2 metres threatening their favourite local nets?

: But each of us have aspects about amateur radio that we
: don't truly know or understand. I think that is why there are higher
: classes to be achieved.

No, I don't understand the raison d'etre of your multiple licence classes, but that is certainly not the reason. The US Extra class licence tests are pretty basic when you consider the knowledge that is built up by an average amateur who gets going successfully on a few different modes, might build himself an ATU or a power supply, joins in a field-day group, tries to fix simpler faults etc. Even the 20wpm is not so bad - sure if you try to learn your way to 20wpm, it's a fair bit of work, even to get proficient enough to answer the "10 questions" version (or whatever the number is) If, however you get your Morse just good enough to hold slow QSOs, and start using it, then 20wpm 100% copy seems to come along without pain.

If you want to do well at any area of amateur radio: contesting, construction, 5bandDXCC, satellites, moonbounce, etc you will grow a lot of knowledge on the way. The knowledge components of all of the licence classes (including my UK one) are not much good as incentives, but they are BEGINNINGS.

: The higher the license class, the harder the
: test, the better the reward is; more bandwidth.

This is the only real incentive in the system, and it's a synthetic one.

: There is not an
: operater out there that was born knowing all.

But some think they were.

It's possible to get a high class licence and still know so little about radio as to be unable to get going without quite a lot of further knowledge or help. We've all seen examples that illustrate this. I think that the true purpose of licences is to keep people off the air until they have got just sufficient basic knowledge to know how to keep out of trouble, and when to seek help. If they are interested in the hobby, they'll find enough natural incentives that suit their interests, and which extend to AND BEYOND the very frontiers of technology. No exam scheme can possibly do this.

: I had a true desire to get back into the hobby. I have been reading
: this newsgroup since about test day. By the time I received my
: license I had all but lost interest again. I have no desire to spend
: money on new equipment (my last purchase was a Drake TR-33C) to find
: out if this attitude is prevalent here locally. If half of the energy
: that is spent pointing out how the no-code tech class license is a
: lowering of the standards was spent encouraging these people who are
: showing some interest into furthering their knowledge and skills, then
: amateur radio would begin to flourish instead of losing interest.

This newsgroup is not at all a fair representation of amateur radio. There are some vicious arguments going on here, only the transistor versus vacuum tube arguments amongst the hifi nuts seems to rage as incessantly, and that lacks the hatred seen here.

: I never wanted to build a radio or design circuitry. I wanted to
: participate in a communications hobby that had structure and class. I
: was willing to learn some electronics, morse code, and practice some
: ethics to do so. Apparently that just isn't enough for some.
: Cassandra

Well, If you could get a licence that'll get you on HF or the satellites, to be able to reach Europe, there's an entire continent over here that doesn't give a damn what licence class you have, and will simply make you welcome.

The QRP bunch run usually slowish CW on 3560, 7030, 14060, 21060 and are glad to work *anyone* Even US stations can be expected to be 100% welcoming :-) and you are safely at the opposite end of the band to the AM hernia operation "over my dead body" nets.

"Nil Illegitimi Carborundum",

David GM4ZNX

4389. Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: kuzen001@acpub.duke.edu
Message-ID: <3lbfmp$mti@news.duke.edu>
Source record: 249757

I saw the post from the fellow who complained that he didn't
have anybody to talk to on the highways from his RV--this mailer
apparently won't let me quote. :-(

I've found on a number of long trips that there isn't much going
on 52 simplex. But it hasn't been dead, either. There are usually
some truck-driving hams to be found every half-hour or so, at least
on major highways. And if you're desperate for chat, you can always
tune in local repeaters--THAT's where the locals are.

I *would* like to see more folks monitor 52 simplex on the hwys, though.
Keep it in mind on your next trip, eh?
73,
--Ken

____
| Ken Kuzenski kuzen001@acpub.duke.edu |
| or on Fidonet at 1:3641/1.1 AC4RD |
____|

| My employers don't care that I HAVE opinions, |
| much less endorse them. My words are my own. |
|____|

4390. APR FOR THE APPLE II

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: cosy@softwords.bc.ca
Message-ID: <1995Mar29.102554.4215@softwords.bc.ca>
Source record: 249758

does anyone know if apr is on the net or isit still nessaery to mail ti w1hue?
thanks in advance.
be946@freenet.carleton.ca
nexus-6@softwords.bc.ca
ve3myz@navbbs

4391. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: raybo@ux1.CSo.uiuc.EDU
Message-ID: <ab9e7a48000210044205@DialupEudora>
Source record: 249759

subscribe

Ray F. Boehmer
Visiting Asst. Professor
Department of Curriculum & Instruction
University of Illinois
1310 S. Sixth St.
Champaign, IL 61820
217 244-7005 office
217 244-4572 fax

4392. HTX-202 and 10..er...2000Watts

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: rickmcm@delphi.com
Message-ID: <9503290321591.The_Win-D.rickmcm@delphi.com>
Source record: 249760

In article <9503282010.AA01647@us2rmc.zko.dec.com>, fraizer@atosoa.enet.DEc.COM (The Voice Over) writes: > I have been monitoring the messages about the HTX-202 obtaining 10Watts while > operating from the 13.8 source in a vehicle or from an external power supply. >

> This does sound quite amusing... I will give the benefit of the doubt to he > operators making the claims. Let it be known however...for the record... That I made a trip to the local Radio Shack store today on my lunch break. (> I figured that the HTX-202 would be cheaper than buying an AMP for my ICOM if this was > true!) We hooked the HTX-202 up to my cigarette lighter and using a VERY > GENEROUS watt meter (Radio Shack 2m variety), the radio did 5.7Watts. This was at high idle with no other electrical devices in operation on the vehicle >

<Snip>

> 73 de KC4KGU
>
> John Fraizer
>
> fraizer@atosoa.enet.dec.com
>

Hey John,

I hate to bring it to your attention, but I'm sure that you made a typo error here.

You meant 57 watts, right?

73, Rick, WB7UGZ

(I sure wish I knew what the final transistor was in that 202, I wanna look it up)

4393. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <3lbndp$55f@crchh327.bnr.ca>
Source record: 249761

There were actually two AJ7 stations on. They were AJ7/JK2VOC,
and AJ7/JA3NZC. I understand they got recipricol operating
permits. They operated from W7RM in La Center Washington (one of the
finest contest super-stations on the west coast).

73.
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

4394. Attn: Toyota Camry Owners

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950329040019323@digcir.cts.com>
Source record: 249762

DL< X-Newsreader: TIN [version 1.2 PL2]

DL< I just purchased a used '93 Toyota Camry XLE this past weekend. Would
DL< like to hear from folks who have installed 2M or Dual Band radios in
DL< these vehicles. Questions:

DL< 1. Where did you mount your radio? I have the CD Player, so indash is
DL< kinda out of the question.
I put mine in the console "glovebox under the car radio I took off the
door for the center glovebox and put the mounting bracket on the radi
upside down
DL< 2. Did you find any RF problems. My Camry has a
security alarm, so DL< I'd be especially interested in this aspect.
No alarm system on mine, no other rf problems
DL< 3. What type(s) of antennas are you using and how do they perform.
DL< (No "drill the hole" available with the Sunroof)
I used 2 mag mounts on the trunk lid and ran the cable through the trunk
(hinge side) and under the back seat
DL< 4. Any other notes or suggestions would be greatly helpful.
nope 73's EJ! N6OID
DL< Thanks and 73's! - Dave

DL< --
DL< dleitch@freenet.columbus.oh.us wb8ihw@n8jyv.#cmh.oh.us
DL< wb8ihw.ampr.org 44.70.0.128

* OLX 2.1 TD * Backup not found: (A)bort (R)etry (P)anic

4395. To Robert Wall - ZL2TUE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: wvanho@infinet.com
Message-ID: <3lblr7$dv7@horus.infinet.com>
Source record: 249763

Rob,

I received your message, but have been unable to reply via E-Mail.
Messages to your address have bounced.

You can reach the author of the Internet gateway article via E-Mail.
He is Steve Ford - WB8IMY, Asst. Managing Editor of QST. His address
is: sford@arrl.org.

Good luck!

73, Van - W8UOF

wvanho@infinet.com

4396. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: ehare@arrl.org
Message-ID: <1995Mar29.124908.25864@arrl.org>
Source record: 249764

Roland B. Burgan (rburgan@detroit.freenet.org) wrote:

: I'm looking for red plastic sheets that I can cut up for filters/
: bezels in front of LEDs (red) used for counter displays. I
: need something about 1" by 5", but would be nice to have something
: a little larger for other projects. Someone I'm sure will come
: up with an answer I should have thought of, but so far I've
: not found anything I can use. We do not have any hobbycraft
: stores in our area.

I purchased some red tape from a local auto parts store. It is intended to
temporarily replace broken tail and brake light lenses. With the old
beaters I drive, I have used it often. :-)

73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

4397. RadioTelephone handsets wanted. (thanks for 7441 info, too)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: brain@msen.com
Message-ID: <uU7UlmoZjKWU072yn@msen.com>
Source record: 249765
Cross-posted to: sci.electronics,rec.radio.amateur.misc

Many thanks for the help in locating 7441 ICs and nixie tubes for my friend.

He was so happy to get the info. He thinks USENET is a GOD.

Anyway, he wanted to throw this one out, to see if he could stump the collective brains.

He has a number of RadioTelephones, in which the handsets are broken or worn out. He says the handsets look like standard 500 series phone handsets, but have a push-to-talk button between the mic and the speaker, on the same side as both mic and speaker. He would like to talk to anyone who has one or more of these. Color is no problem, lack of speaker or mic is no problem (assuming screw on caps and such), and cords are optional. Since I can only vaguely picture the item, I apologize for the description. Does anyone have a pointer to where any of these be found?

Thanks in advance, and thanks for the 7441 info.

Jim Brain
--
Jim Brain, Embedded Systems Designer, Brain Innovations.
brain@msen.com
Dabbling in VR, Old Commodore Computers, and Good Times!
"The above views DO reflect my employer, since I am my employer" - Jim Brain

4398. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: cramer@mksol.dseg.ti.com
Message-ID: <3lbqm1$d0p@mksrv1.dseg.ti.com>
Source record: 249766

Ken Kuzenski (kuzen001@acpub.duke.edu) wrote:

: I saw the post from the fellow who complained that he didn't
: have anybody to talk to on the highways from his RV--this mailer
: apparently won't let me quote. :-(

: I've found on a number of long trips that there isn't much going
: on 52 simplex. But it hasn't been dead, either. There are usually
: some truck-driving hams to be found every half-hour or so, at least
: on major highways. And if you're desperate for chat, you can always
: tune in local repeaters--THAT's where the locals are.

: I *would* like to see more folks monitor 52 simplex on the hwys, though.
: Keep it in mind on your next trip, eh?

Has anyone ever considered a mobile beacon to raise some activity on VHF/UHF simplex frequencies when traveling? I usually have the radio on but grow tired of calling to see if anyone is out there. If there were a way to automatically check for activity and alert us when someone else is in range, there may be more activity on 146.52. The beacon could be as simple as a fast cw id at random intervals. The id would only get transmitted if nothing breaks the squelch for a programmable time. The delay would be to listen for ongoing QSO's and other beacons. The beacon could also copy the cw id and provide a display so the operator knows who is on the frequency.

Just and idea.

Norm
cramer@dseg.ti.com

4399. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D67JD4.H16@hpqmoea.sqf.hp.com>
Source record: 249767

David Feldman (dgf@netcom.com) wrote:

: Why mess around with 2M FM? Why out here in the west, our club station
: is a Cadillac El Dorado four-door, with not one but _FOUR_ ten-foot
: towers (one at each corner), and four TS-50's, one in front of each
: seat. Just wait until you hear our booming "multi multi mobile"
: signal in the next DX contest!

We could go one better...

1) Buy the new tram system in Manchester
2) Fit large Diesel with monster generator to power traction motors
and radios. Scrap power feeds to tracks and overhead wires
3) The wheels and tracks are now free to be used as a super-duper
ground system
4) The overhead wires can be used as a set of Beveridge antennas,
fit special ATU under pantograph.
5) Expand the network to increase coverage.

" I think I heard a BY, quick! turn onto shudehill so we can work
him.."

David

4400. Re: Edinburgh area hams?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D67K85.H9n@hpqmoea.sqf.hp.com>
Source record: 249768

John Rouse / Capital Gazette (jrouse@infi.net) wrote:
: Will be in Edinburgh for a week at the end of the month and would like to
: blather with any local hams so inclined. I've lost contact with the chaps I
: knew in my GM5DUD (great call, eh?) days. Will be meandering about the
: Biggar, Penicuik, Edinburgh area and would be amenable to a pint of Belhaven
: and a ragchew about DX or what-have-you...
: 73, John KA3DBN

Just fire up "FF", GB3FF, input 145.000 output 145.600 MHz

The locals'll talk the hind leg off a donkey (And I'm supposed to be
amongst the worst....)

The in beer at the moment is McClay's "Wallace" besides, there is an
amateur radio connection, the late Fraser Shepherd was one of the great
activists in the nearby Dunfermline radio society (meets thursdays,
7:30pm 6 miles N of Dunfermline near the Knockhill motor racing circuit,
look for the masts and tribander near the road over the moor) and his
family then owned that brewery.

Lothians Radio soc meets weds nights at Orwell Lodge Hotel, edin.

Cheers
David GM4ZNX

4401. Re: HTX-202 and 10..er...2000Watts

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: horak@convex.com
Message-ID: <3lbue6$2da@eugene.convex.com>
Source record: 249769

In <9503282010.AA01647@us2rmc.zko.dec.com> fraizer@atosoa.enet.DEc.COM (The Voice Over) writes:

>This does sound quite amusing... I will give the benefit of the doubt
>to he operators making the claims. Let it be known however...for the
>record... That I made a trip to the local Radio Shack store today on my
>lunch break. (I figured that the HTX-202 would be cheaper than buying
>an AMP for my ICOM if this was true!)

What? Were you in the market for a 10 watt amp? And, why do you
say it would be cheaper. There are several 30 watt amps for less $
than the HTX-202.

>We hooked the HTX-202 up to my
>cigarette lighter and using a VERY GENEROUS watt meter (Radio Shack 2m
>variety), the radio did 5.7Watts.

It was very GENEROUS of the folks at RS to let you take their HT out to
the car and play with it. Have you checked your antenna system lately?

>This was at high idle with no other electrical devices in operation
>on the vehicle.

Why would this matter? If the vehicle was at high idle, do you really
think it would matter if you had the sterio on? The HTX-202 only draws
1.55 amps at that voltage. Do you realize how many amps are available
when the car is running? Now I *really* suspect your findings.

```
============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
============================(An average SIG)==================================
```

4402. When the State Department talks people listen

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: dbasinge@nickel.ucs.indiana.edu
Message-ID: <dbasinge-2903951024400001@ds9.hper.indiana.edu>
Source record: 249770

I have a funny story. I'm the staff advisor for our university amateur radio club. I was sitting in my office when I got a call from the State Department (yoks, What have I done :-). The person on the line told me that the Secret Service would appreciate if I would turn off our repeater and ask our club not to use our radio equipment till 1pm today.

I forgot that Secretary of State Warren Chisrtoper is given a talk today at Indiana University. The auditorium where he is talking is one floor below our club's ham shack. I felt really bad that I did not think to turn off the equipment myself, but the person at the State Department said it was no problem and appreciated my help.

I wish I had a picture of my face when I got the call though :-).

mike

--
D. Michael Basinger [N9YYO]
dbasinge@nickel.ucs.indiana.edu
<http://bronze.ucs.indiana.edu/~dbasinge/>
"Not speaking for Indiana University"

4403. QSL Info Server -- how to fix errors?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: slm@world.std.com
Message-ID: <D67KqE.771@world.std.com>
Source record: 249771

I'm hoping someone reading this might be familiar with the
QSL information server

qsl-info@aug3.augsburg.edu

It works find when I send it requests. However, it has old
information for two T9 friends of mine, I'm trying to tell the
keeper of the database to update the records. The message says
to send errors and replies to

owner-qsl-info@aug3.augsburg.edu

but that keeps bouncing back.

Any suggestions on how I can get the information updated in their
database would be much appreciated.

73, Sharon KC1YR

--
electronic address: slm@world.std.com

4404. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: jreese@neosoft.com
Message-ID: <3lc1n2$8bb@uuneo.neosoft.com>
Source record: 249772

In article <1995Mar29.142919.21776@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <199503272219.OAA03245@UCSD.EDU> fletcher@moho.uwyo.EDU
(Walter >If you'll read the minutes of the last ARRL BOD meeting,
you'll find
>that this is one of the issues the ARRL will be bringing up with
>coordinators at the meeting of coordinating bodies they are calling.
>If you don't like this idea, I certainly don't, then you should
>contact your local coordinators and express your opinion on the
>matter strongly. Make sure that they do the same at the ARRL
meeting.
>This is one idea that needs to be nipped in the bud before we are
>back to the horrors of the 70s in regard to repeater licensing and
>modification.

I'm curious why you are opposed to repeater licensing. I don't
remember it being that big a deal when it was in place before. The
application was complicated, but not overly. Comments?

****
Jim Reese, WD5IYT | "Not responsible for
jreese@neosoft.com | Program Content"
****

4405. Re: Stealth antenna question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: pgeorgeu@vanbc.wimsey.com
Message-ID: <3lc3m1$j17@vanbc.wimsey.com>
Source record: 249773
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

This is just a brief note to thank everybody who replied to my request for advice on this topic. It was greatly appreciated.

Peter

4406. Senator Barry Goldwater on the Best of Net.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.172.0067DB22@mindspring.com>
Source record: 249774

For interested readers, the Best of Net will have as a special guest,
Senator Barry Goldwater K7UGA April 15th at 2100 Eastern.

For more information go to the Best of Net Home Page....

Thanks Don Simpson

Sincerely,

Don Simpson

ko4ta@mindspring.com
World Wide Web Home page
http://www.mindspring.com/~ko4ta/bestofnet.html

```
+_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_- +
|"All Men Do not have to agree."|
| Amateur Radio Call "KO4TA" |
| Woodstock, Ga. |
+-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-+
```

4407. Need addreses

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503291104.ZM16910@SALCIUS2>
Source record: 249775

I talked to the following stations on 20 meters while bicycle mobile in Hawaii. I'm trying to QSL, but can't find their addresses.

Could some kind soul look these up for me?

KK5FK (not on my Summer '94 QRZ! CD-ROM)

ZK1GEM (not in my '93 DX callbook)

Thanks in advance!

73 de Wayne Estes WD5FFH wayne@csg.mot.com

4408. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: zilmer@jingluo.dt.wdc.com
Message-ID: <zilmer.796495794@jingluo>
Source record: 249776

In <1995Mar25.105914.3542@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey) writes:
>>
>>Our club's repeater has fried it's final amplifier. It's a Micor and the
>>transistors are $40 each list from Motorola (six of them). We've heard
>>there are more reasonable civilian parts that are subs for the finals.
>>Does anyone have a source for these or know what the 2nxxx numbers are?
>>The Motorola parts are:
>> M1134 (finals, four of these)
>> M1133 (drivers, two of these)
>> M1132 (predriver, one)

>I can't help with equivalent parts, but I'd like to point out that
>you can often find entire Micors for under $50. It makes sense to
>just buy a radio and swap out the entire PA deck rather than try
>to repair one as extensively damaged as yours.

I think it's possible that Jim is referring to a Micor base station.
Just curious... If so, I can check for PA parts with a commercial
and ham friend out this way. Please let me know if it's a mobile
or base.

BTW, I bought a HiBand Micor, 80W for $35. And it works! But it's
a mobile rig. Gary's right, you should be able to find a similar
deal at the swap meets for a whole radio.

Matt Zilmer, WA6EGJ
zilmer@dt.wdc.com
--
Matt Zilmer, WA6EGJ Manager, Firmware Development
CIS 71151,3236 I/O Products Division
wa6egj@wa6egj.ampr.org Western Digital Corp.
zilmer@dt.wdc.com Irvine, CA.

4409. Re: How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:00:00 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17370A522S86.WALLY@ukcc.uky.edu>
Source record: 249777

I'd say wait a 12 days after the test date, call, then call every other day until you get it...

If they tell you it'll take 90 days tell them "I'M paying for YOUR job, don't bitch at me becuse you HAVE THAT JOB."

Plan to have long, long waits.. I waited 35 minutes one time on the phone.. I just put the phone on high volume and hung it on my hip and ran around and did other stuff until I heard the FCC person finally..

Walter _ Alinco 580
R _ // Wally@POP.UKY.EDU Wally@UKCC.UKY.EDU
Francis ⊗/ Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU KE4UWN

4410. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:10:23 UTC
From: akozak@albany.net
Message-ID: <3la8hf$sor@apollo.albany.net>
Source record: 249787
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers,relcom.commerce.construction,relcom.commerce.consume,relcom.commerce.food

In article <Pine.SOL.3.91.950328161240.19147B-100000@morpheus>,
062792@minerva.cis.yale.edu says...
>
>Any way to keep this crap out?
>

Thinking they were simply misguided, I sent them a polite note this
morning pointing out their gaffe. Then I noticed that this same
organization had spammed every single newsgroup I follow.

I now send them a 100K binary file...

Regards,

Al

--
****
* Al Kozakiewicz *
* 2238 Garden Drive *
* Niskayuna, NY 12309 *
* *
* PH: 518.382.1899 FAX: 518.393.3436 *
****

4411. Looking for ideas for new ham shack

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:32:41 UTC
From: randyh@gvgadg.gvg.tek.com
Message-ID: <3la9r9$m33@gv-gate.gvg.tek.com>
Source record: 249790

I will be building a new extension on to my house. My wife gets a new dinning room and I get a new ham shack.

It will be single level, about 400 - 500 sq feet. The room will be on a concert slab, probably with in floor-heat. There will be a small equipment room to contain the water heater, coax entry, and power subpanel. I am active on HF and satellites, and plan on having a workbench area for projects. There will be a tower, about 30 feet (height to clear trees), next to the addition for the VHF/UHF antennas. I will have a couple runs of hardline up that tower.

So, I am looking for ideas on building the perfect new ham shack. Please pass along any ideas that you may have.

Thanks,

Randy
WA2AGE

randyh@gvgadg.gvg.tek.com

Back to the drawing program.

4412. BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 00:50:44 UTC
From: fisherb@ccsnet.com
Message-ID: <020764KDATBACEBLGQAV@ccsnet.com>
Source record: 249682

Here is what I said and the response from another ham:

BF>It has come to my attention that Alex AA1JY is out as net manager and
BF>has been replaced. When no one wanted the job Alex took it and decided
BF>that a traffic net ought to be a traffic net (what a novel idea?). He
BF>worked hard and made some unpopular changes (but professional). I have
BF>always known that the CITN was never a traffic net but a social net but
BF>Alex was fool enough to believe the "T" stood for traffic. So he
BF>eliminated the little games that were played on the net. After "trivia"
BF>was removed WA1AOH and his associates took their marbles and were
BF>rarely heard from again on the net U N T I L, Alex left, than
BF>strangely enough all the "old boys" reappeared. Is it any wonder that in
BF>the past ten years hundreds of young hams have been licensed and almost
BF>none get on the air?
BF>
BF>Cape Cod hams are the laziest form of humanity ever known (except
BF>Falmouth). Several years ago no one volunteered to edit the Barnstable
BF>Radio Club newsletter, I, as a non member, stepped forward and in each
BF>issue trashed the members "get up and go." Still I was not removed. Alex
BF>volunteered to be net manager because no one else would and when he
BF>was unable to be controlled by the "old boys (farts) network", the "old
BF>boys" did not even have the courage to fire him. The Barnstable Radio
BF>Club has a long history of Presidents that when they leave office the
BF>never return to the club (disgusted with the laziness?). The most recent
BF>President barely has her license so she was "drafted" because the "old
BF>boys" were too lazy. From what I have heard about her she is quite
BF>competent, thus I expect she will not stay on too long.
BF>
BF>My outlook on ham radio is soured by the locals and I bet if I lived off
BF>Cape Cod I would see hams in a different light. I am thought of as an
BF>ass by many but I consider that a character plus to be disliked by bozos.
BF>
BF>Burt K1OIK

Your message is a sad testimonial to the present state of ham radio.
You said that if you lived elsewhere the ham atmosphere would be different.
Well, I'm afraid not.
Before I left for Florida on February 15th I put my call sign on the
rear of my travel trailer in 3" high Scotchlite letters along with "52 SIMP"
From Cape Cod to Tampa Fla. I did not receive ONE call. Since I don't
travel as fast as the automobile traffic most would pass me. During the
trip about 15 hams with vanity plates passed me. The majority had 5/8 whips
which I'm sure were not CB. I called every one. No response. Well actually
not true, one waved. Obviously N1SGN is a new call therefore not worthy of
a reply or a call. I wonder what will happen when I get my old WA1FSC call

back? I also wonder what would have happened if one of them needed assistance and remembered passing me? I bet I'd get a call then. (Funny, my radio dosen't seem to receive any more) I would be sure to wave back as I continued on my way. But no, I'm not like them. I WOULD stop and assist.
You mentioned in one of our discussions about the hundreds of new young hams who, after being exposed to this pompous, ignorant mentality have given up the hobby. And the few who stay become cloned and stagnate in the mire of the cancerous disease spread by these old men with no lives. How do we encourage these young people to stick with the hobby? I suppose by example. If we get frustrated and quit, what will be left. Look at the local condition. Ron McLeod, K1FTB, who lives in Englewood, FL dosen't even use his 2M HT any more. He said it depresses him. However when he knew I was in the area he kept it on every day. And when I did call him when I got to Sarasota we talked for almost a half hour. Had to end the QSO when the old farts started doubling on me and making remarks. Sad, sad, sad.....
However we are not alone. There are many who feel the way we do. Sarasota, FL has four active repeaters. Three of them have the cancer but 147.300 is definitely a refreshing experience. It's courtesy tone is a cricket chirp, which caught my attention, no annoying messages, no NETS. The hams on that repeater have a sense of humor and talk about interesting subjects. No colostomy bags, coffee breaks, Medicaid bill problems, or endless pissing and moaning. My first transmission, "N1SGN hanging out in Sarasota", got a lot of attention. Real nice guys AND gals, NICE HAMS!
So Burt, hang in there. All is not lost as long as we don't give in. Maybe we just have to set an example to keep the young ones interested. I gave up once before, that was a mistake.

73
N1SGN

=== The opinions set forth above are soley my own and if you have a problem ===
=== with them..... I personally don't give a damn! ===

• SLMR 2.1a • The Bigger the Drive,the more Junk Collected.

--

4413. Re: QSO in an airplane

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:01:32 UTC
From: bob@texas.net
Message-ID: <3labhc$a6n@empire.texas.net>
Source record: 249793

In article <piruloD65p4t.Gqr@netcom.com>, pirulo@netcom.com (Jose Neuah) says:
>
>I am a student pilot and when i fly solo I carry my alinco HT.
>I made very qso in simplex but the problems start when i want to talk in
>a repeater with PL tones.
>I usually fly at 5000 ft, and i have the repeater in line of sigh so
>WHAT IS THE PROBLEM????? If somebody knows the answer please reply this post.
>Thank you and 73 de KD6TOW.
>--
>**
>* PIRULO | KD6TOW *
>* Address: pirulo@netcom.com | Home BBS: N6YN.SOCAL.CA.Us *
>* TCP/IP : pirulo@192.100.81.113 | Los Angeles, California, U.S.A. *
>**

Well, as a high-time military instructor pilot I will tell you that you would be better off concentrating on piloting rather than radio operating as long as you still categorize yourself a student pilot. Keep your mind on your driving, and all that! Mother nature is terribly unforgiving of any carelessness or neglect, as the poster says... Safe flying demands all your attention, especially early in your flying career.

Secondly, you should never work a repeater input from an airplane or other high place--you are likely working the inputs of other repeaters as well. At 5000 ft, you don't need a repeater--you can "see" anybody who can "see" the repeater direct. I'd advise using the repeater output initially, then moving to a simplex freq to free up the repeater for those who need it to communicate.

Happy landings...

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

4414. Re: Where do I send a complete 610 form?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:05:38 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D66GDF.DEC@zeno.fit.edu>
Source record: 249795

In article <796312588snz@g4kfk.demon.co.uk>,
Mike Gathergood <Mike@g4kfk.demon.co.uk> wrote:
>
>I thought it was on the top of the form. However...

used to be there, but whoever designed the forms last year didn't
put it back on there when they were done. i guess they think that
everyone gets a "complete" 610 that has the form and the instructions
together and you remove the form from the instructions before sending
it in...

probably won't be able to get it fixed for a couple of years minimum.
governments are like that.

of course, maybe it was a secret plot to prevent people from renewing
their license...they wouldn't be able to send in a form so they'd go
away and in 12 years the ham bands are open to the people that want 'em..
or not.

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4415. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:15:04 UTC
From: "Jim G." <geist@qnet.com>
Message-ID: <3lacao$h5o@lute.gcr.com>
Source record: 249796
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,r

tbilbro@nr.infi.net (Tim Bilbro) writes:

>In article <3l9cp2$12p@alterdial.UU.NET>, enfo@wsnet.com (Dr Ken Dunn) says:
>>
>>Ms. Jane's Favorites, 96% Fat Free High-
>>Fiber Cookies, are not only a nutritious snack

>Uh... Take a spam break!

Take an email break. Send the spammer the FAQ to every newsgroup.
Heh heh.

--
/\w/\----------/\w/\----------/\w/\
geist@qnet.com This post 100%
ko4er@wa3tai.md.usa.na content free. Really!
/\w/__________/\w/__________/\w/\

4416. Re: Hams on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:15:05 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D66Gt5.Dvw@zeno.fit.edu>
Source record: 249797

In article <edh.796344651@hpuerca>,
Ed Humphries <edh@hpuerca.atl.hp.com> wrote:
>Good question.
>Or was the list moved to another group?
>
>Cheers,
>Ed Humphries N5RCK
>HP NARC Atlanta GA
>edh@hpuerca.atl.hp.com

i think the deal was the guy doing it got tired of doing it or no longer had the time to spend working on it or didn't have access to the equipment any more or something like that.

I recall a search for a replacement editor, but i guess there were not any takers. i think the last batch of listings were archived at the usual spots...

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4417. Re: QSO in an airplane

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:21:58 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D66H4M.E0w@zeno.fit.edu>
Source record: 249799

In article <piruloD65p4t.Gqr@netcom.com>, Jose Neuah <pirulo@netcom.com> wrote:
>I am a student pilot and when i fly solo I carry my alinco HT.

OK, so far so good...

>I made very qso in simplex but the problems start when i want to talk in
>a repeater with PL tones.

no doubt.

>I usually fly at 5000 ft, and i have the repeater in line of sigh so
>WHAT IS THE PROBLEM????? If somebody knows the answer please reply this post.
>Thank you and 73 de KD6TOW.

what is the problem ? think of all the other repeaters you are in
"Line of Sight" of at 5k feet. this works both ways - you'll hear all
the other machines as well as interfere with all of them besides the
one you want to use....

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4418. Re: Marymac phone number?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:24:05 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D66H85.E39@zeno.fit.edu>
Source record: 249800

In article <D65nD8.38y@nntpa.cb.att.com>,
Shel Darack <dara@physics.att.com> wrote:
>o10022@a81.corp.mot.com wrote:
>: Could someone please send me (email) the phone number for Marymac?
>: Thanks.
>
>: 73
>: Tony KC7HDT
>
>Better still, POST IT
>tnx 73 WA2UBK

according to some information that was on the Radio RT on GEnie,
Marymac will be no more after the end of the week (march 31).
story was their franchise had been bought back by Tandy...

of course saturday is April Fools Day, but i dunno if i would
say this is a joke....

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4419. Re: Hams on Internet

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:36:49 UTC
From: garym@alsys.com
Message-ID: <D66HtD.JM@thomsoft.com>
Source record: 249801

In <3l6pk7$1c4b@freenet3.freenet.ufl.edu> afn01115@usenet.freenet.ufl.edu (Steven J. King) writes:
>There is, or was, a site or list of hams on the Internet.
>Does anybody know where I can find this list/site?

This www page gives you access to the list and even allows you
to do searches of the list.

<http://www.acs.ncsu.edu/HamRadio/UsenetList.html>

--GaryM

4420. Re: Got QSL from PZ1DV ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 01:50:23 UTC
From: annanj@acpub.duke.edu
Message-ID: <3laecv$e6d@news.duke.edu>
Source record: 249804

I had good luck QSLing to PZIDV direct using the address in the 1988
call-
book!!

J. Annan, N4SZE

4421. Re: 2m RF problems with the Neon?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 02:34:12 UTC
From: sbukosky@execpc.com
Message-ID: <DFC5T287HUu0VWol06b@execpc.com>
Source record: 249807

In article <D62uH8.ErD@world.std.com>, slm wrote:

> running a 2-meter rig in a Neon. He heard from one guy who rented
> one once that running 5 watts was causing electrical problems.

This is a man bites dog story! Usually it is the neon that causes RFI.

Steve N9BGH

4422. Re: learning CW

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 02:34:20 UTC
From: sbukosky@execpc.com
Message-ID: <nMWflxxIeGlVC5ol06b@execpc.com>
Source record: 249808

In article <1995Mar27.155539.1466@vms.huji.ac.il>, pollack ziv wrote:

> I'm reciving 15 wpm with no problem but when I increase it to 17 wpm
> I only recive somthing like 80%. Can someone tell me why and how can I
> change it.

That seems to be a common plateau. I got over it by copying a few words behind. Try to hear the word rather than the letters. That way you don't waste time writing down T-H-E, you hear THE. Practice putting the pencil down and copy in your head. You'll be doing 45wpm in no time! Well, maybe not that but I have found myself talking to my wife while in QSO because I can hear the words coming. You'll do it with time.

Steve N9BGH

4423. Re: Hamfest in Dayton, OH

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 02:43:09 UTC
From: tnorman@delphi.com
Message-ID: <RAx4-XF.tnorman@delphi.com>
Source record: 249685

e-mail me about it as well, please.

Tom
tnorman@delphi.com

4424. Re: Where do I send a complete 610 form?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 03:31:27 UTC
From: myers@West.Sun.COM
Message-ID: <3lakaf$ala@abyss.West.Sun.COM>
Source record: 249815

In article <D66GDF.DEC@zeno.fit.edu>,
William Newkirk <wnewkirk@bb.iu.net> wrote:
>In article <796312588snz@g4kfk.demon.co.uk>,
>Mike Gathergood <Mike@g4kfk.demon.co.uk> wrote:
>>
>>I thought it was on the top of the form. However...
>
>used to be there, but whoever designed the forms last year didn't
>put it back on there when they were done. i guess they think that
>everyone gets a "complete" 610 that has the form and the instructions
>together and you remove the form from the instructions before sending
>it in...

Hey, for a nominal fee of $5, to cover costs, I'd be happy to
make sure the 610 gets to the FCC. Just send your completed
610 and $5 to me, I'll take care of the rest!

Uh... uh... oh.. uh... I'm sorry. I thought I was W5YI for minute.
Sorry...

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* "Damn I'm smooth" (Anon.) *

4425. << L.I. Tower Case - Update. NK2T vs Town of Hempstead, NY

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 03:33:26 UTC
From: hmn@i-2000.com
Message-ID: <3lake6$le4@i-2000.com>
Source record: 249816

The following is an excerp from a news release that was sent to Local Radio and Television stations
regarding the NK2T vs Town of Hempstead, NY Amateur radio Tower Case.

"Since July 1994, there have been many important developments in this case. The New York State Supreme Court ordered the Town of Hempstead to rehear the case. So on January 25, 1995 the
Town Zoning board was presented with a 2 hour presentation by my attorney Peter Mineo, of Forchelli,
Schartz, Mineo & Carlino of Mineola, NY, along with a panel of expert witnesses covering everything
from bio-hazards to radio frequency interference. Along with the lawyers and experts there were more
than 150 individuals in support of my position. You should also know Congressman Peter T. King (3rd
CD) played an important role in this case by getting the Federal Communications Commission involved.
A letter from Ralph A. Haller, Chief of the Private Radio Bureau of the Federal Communications
Commissions supporting my position was submitted to the ZBA defining the role of the federal
government in issues concerning radio amateurs.

As was mentioned in your original story of July 94, this case has become a major concern for the amateur radio community of Long Island and the United States. Besides the actions brought
against the Town of Hempstead by myself, the American Radio Relay League, the national organization that represents amateur radio operators has now become involved. Chris Imlay, of Booth,
Feret & Imlay, a Washington, DC law firm, and general council the ARRL has filed a brief on my
behalf.

The problem I am experiencing now is the following. The law requires the ZBA to make a decision within 60 days. Well, 60 days has come and gone and there is no decision. In order for me to
force the Town Zoning Board to do what they must do under the law, I have to file another court
action. This is absurd since the cost of this case has is no more than $25,000 with no sign of ending
soon. Should it become necessary, this case will be taken into federal court with the aid of the
American Radio Relay League and R.A.D.I.O., The Radio Amateurs Defense & Information Organization Inc. At that point financial damages will be sought; similar to the well know Bodony vs

The Town of Sands Point NY case, where the Town was forced to pay the amateur radio operator in
excess of $50,000 for his legal fees

For whatever reason the Town of Hempstead is holding up on making their decision, I have but only one choice and that is to continue my legal battle. At this point I am now considering the
possibility of bringing a civil rights and conspiracy action against the members of the ZBA and the
Town of Hempstead. It is unbelievable that the Town can be so bold in their disregard for the law in
which they are suppose to uphold.

I truly believe since this story had merit back in July 1994 there is potential for a good follow
up story. Who know's what's lurking behind the scenes; discrimination, conspiracy, or just a group of
people who have nothing better to do than waste our hard earned tax dollars."

Please pass along any information on this case to the publications, Media and other parties interested.

We are also looking for financial support. Any donations, whether they be $1.00 or more can be sent
to:
R.A.D.I.O.
c/o PO BOX 343
Williston Park, NY 11596

Also call the R.A.D.I.O. inofrmation line 24 hrs/day for the latest in this case.

As always we thank you for your support.

You can also read additional information on this case by checking the
rec.radio.amateurs.antenna

4426. Re: BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 04:09:29 UTC
From: leigh@rain.org
Message-ID: <3lamhp$7pv@news.rain.org>
Source record: 249686

fisherb@ccsnet.com wrote:

> Your message is a sad testimonial to the present state of ham radio.
> You said that if you lived elsewhere the ham atmosphere would be different.
> Well, I'm afraid not.
> Before I left for Florida on February 15th I put my call sign on the
> rear of my travel trailer in 3" high Scotchlite letters along with "52 SIMP"
> From Cape Cod to Tampa Fla. I did not receive ONE call. Since I don't
> travel as fast as the automobile traffic most would pass me. During the
> trip about 15 hams with vanity plates passed me. The majority had 5/8 whips
> which I'm sure were not CB. I called every one. No response. Well actually
> not true, one waved. Obviously N1SGN is a new call therefore not worthy of
> a reply or a call. I wonder what will happen when I get my old WA1FSC call
> --

N1SGN, (sorry; did not catch your name) I think you're making too big of a judgement from the lack of activity on 146.52 simplex, while traveling.

Next trip, try a newer 50 watt mobile rig which can scan, and has the standard bandplan repeater offsets programmed into the VFOs. When I travel, I scan between 145.10 and 148.00. Usually I can scan upon an active repeater, and I've had many pleasant 2 meter repeater QSOs when traveling. Also, I check out the ARRL repeater directory and program in some of the repeaters I may encounter on a long trip.

Do you have a smaller 2 meter all-mode? I've worked the RS-10 satelite when mobile; I listened to the downlink on 29 mhz using a CB antenna, and used just ten watts of 2 meter SSB into a 19" 2 meter mag mount antenna to work the uplink.

73; --Leigh/KM6JE in Santa Barbara.

4427. Re: Stealth antenna question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 04:24:07 UTC
From: cjds@ix.netcom.com
Message-ID: <3land7$13o@ixnews1.ix.netcom.com>
Source record: 249824
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

While in grad school, I used #30 wire thrown down the side of the building (10th flr) into a tree (about 60-90 ft total length). I replaced it OFTEn, but #30 was so cheap, it was worth it. It was hit by birds (saw it happen) and usually broken, but never found any dead ones on the ground.

Worked great, even on QRP. At a distance of over 15 feet, it is invisible, unless you get the light just right!

Try it! Can't hurt!

Bill Horger, KC0IO

4428. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 04:27:15 UTC
From: Brian King <c525473@showme.missouri.edu>
Message-ID: <3lanj3$uvk@news.missouri.edu>
Source record: 249825
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers,relcom.commerce.construction,relcom.commerce.consume,relcom.commerce.food

enfo@wsnet.com (Dr Ken Dunn) wrote:
>

(commercial break...)
"Take A Coffee Break And
> Break The Diet Cycle!!" New Trim-N-Lean
> weight loss instant coffee with Chromium
> Chelate and Citrimax "Natures Perfect Diet
> Ingredient". No More Counting Calories!
> No More "Crash" Dieting! No More
> Blending Shakes! No More Skipping Meals!
> No More "Yo-Yo" Dieting!
> enfo@wsnet.com

Take your stinkin cookies and put em where the sun dont shine. What the hell were you thinking posting this to everyone everywhere? We here at rec.sport.hockey do not EAT cookies and dont want to hear about them unless they have something to do with HOCKEY. This is the most absurd and blatant "commercial" I have ever seen and you, senor DUNN have done a great disservice to those you serve. I WILL NEVER EAT YOUR FRIGGIN COOKIES and I will tell everyone I know to throw them out as well. Poor Marketing. Thats all I can say.

Sorry all for re-crossposting to Infinity, but I dont feel like deleting all of your groups from my screen, so I apologize - Blame the COOKIE PEOPLE, and, by the way, dont eat those cookies!!!

4429. Re: Contesting - why?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 04:37:23 UTC
From: dmunroe@vcd.hp.com
Message-ID: <3lao63$de4@news.vcd.hp.com>
Source record: 249827

In article <Jk753S6.armond@delphi.com>, <armond@delphi.com> wrote:

>Dave, do youhave a call sign? If not, why are you crabbing abt what others
>do. I don't care if some stamp collectors only collect stamps of Kenya, or
>some photographers haul around big 8X10 cameras when they can get pics with
>35mm. That 8X10 film sure wastes a lot of silver. And motorboats make more
>noise than sailboats. How about listeing your other interests and then
>the rest of us can talk about how boring and senseless we think they are.

Fair enough. It's mostly these two:

- long range shooting

- racing, when I can get/afford track time

Believe me, I've had to stand up for these in the face of much abuse from
some people.

I apologize if my original inquiry into contesting came across to others as
griping. Being a very new Tech+, I just didn't understand it and was
looking for the "hook" that got people into contesting. What I found out
was what I should've known already: it's different for everyone. I appreciate
the email and personal anecdotes, which were very informative.

The most appealing and unexpected thing I found out about, was using contesting
as a way to test the efficiency of one's station. Also, I think I would
certainly listen to a contest as a way to improve my CW speed and ability to
recognize call signs quickly.

Thanks for the feedback, everyone.

-Dave, KC7GQQ

4430. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 04:38:29 UTC
From: joen9yjz@aol.com
Message-ID: <3lao85$ilh@newsbf02.news.aol.com>
Source record: 249729

This is pathetic...i'd like to break their coffee and cookies...hi hi.

Joe, N9YJZ

4431. Re: Origin of PCM?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 04:46:40 UTC
From: Mike@g4kfk.demon.co.uk
Message-ID: <796452400snz@g4kfk.demon.co.uk>
Source record: 249687

Sorry folks. I was having a bad day.
I've had a few valliums and I promise to calm down now :-)

73
Mike Gathergood, G4KFK
The CQ Centre BBS
Node 1 - 01753 595468
Node 2 - 01753 593524

4432. Re: Time?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 05:09:47 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3laq2r$1sfc@bubba.ucc.okstate.edu>
Source record: 249733
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3l9ogb$6g0@hermes.unt.edu>,
Christopher Mark Johnson <cmj0001@jove.acs.unt.edu> wrote:
>I've been asked to post the number to the FCC to check on the status of
>your license. It is 717-337-1212. Reading the VEC manual, it states that
>you CANNOT transmit until you actually have the ticket in your hand. (unless

These rules have been changed.
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

4433. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 05:54:20 UTC
From: gcouger@jsun.okstate.edu
Message-ID: <3lasmc$1hb2@bubba.ucc.okstate.edu>
Source record: 249734

In article <1995Mar27.044545.23482@kd4dts.radio.org>,
John C. Wren <jcw@kd4dts.radio.org> wrote:
>dts@peanut.senie.com (Daniel Senie) writes:
>
>>In article <3ks59n$8ve@detroit.freenet.org>,
>>Roland B. Burgan <rburgan@detroit.freenet.org> wrote:
>>
>>I'm looking for red plastic sheets that I can cut up for filters/
>>bezels in front of LEDs (red) used for counter displays. I
>>need something about 1" by 5", but would be nice to have something
>>a little larger for other projects. Someone I'm sure will come
>>up with an answer I should have thought of, but so far I've
>>not found anything I can use. We do not have any hobbycraft
>>stores in our area.
>>--
Go by any print shop and ask if they have a scrap of ruby lith film.
It is too thing to use with out a backing sheet of Lexan behind it.
Red report covers should work the same way.

Good luck
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

4434. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 06:58:10 UTC
From: conklic9391@cobra.uni.edu
Message-ID: <1995Mar29.005810.40731@cobra.uni.edu>
Source record: 249737

In article <199503272219.OAA03245@UCSD.EDU>, fletcher@moho.uwyo.EDU (Walter Reid Fletcher) writes:
> This is a request for any information having to do with any current or known
> upcoming proposals -to- or -by- the FCC with regard to specific licensing of
> amateur stations in repeater service.
>
> I have in front of me a form ostensibly sanctioned by the Mid-America
> Coordination Council (an organization I have never heard of). In the
> first paragraph a vague reference is made to "possible FCC regulatory
> proposals". The second paragraph cites the "proposal" (vaguely cited
> in the first paragraph) as justification for advising the providing of
> certain information to the applicable frequency coordination authority
> since it will be necessary for the operator of an amateur repeater to
> obtain an FCC amateur repeater license.
>
> Thank you,
> Reid, WB7CJO
>
> --------
> Walter Reid Fletcher, WB7CJO Internet: Fletcher @ Moho.UWyo.Edu
> Senior System Analyst/Facility Manager Fletcher @ Plains.UWyo.Edu
> Department of Geology and Geophysics
> University of Wyoming
> Laramie, WY 82071 work 1-307-766-6227 home 1-307-742-0287
>
> Are we all roadkill on the information highway? - Jeff Greenfield

I wonder if this paper you have is of current vintage. I would like to know of any FCC proposals to reinstate the old separate repeater callsign policy. (probably make us all pay $70/10 years too- eeech!!)

FYI the MACC is the largest (geographically at least) body that coordinates amateur repeaters. While like many other organizations they pull a few bone-head moves (like the current drive to 1.7Mhz split on 6meters), I find the paper that emminates forth is usually accurate and thoughtful.

So if you can give me a title of this paper, or more exacting wording- I'll check with someone on the accuracy/content of it.

BTW- one way to check the age of the paper is the list of states belonging to MACC, the group has expanded a lot in recent years. I think the list is now: Iowa, Illinois, U.P. of Michigan, Wisconsin, Minn., N.Dakota, S.Dakota, Nebraska, Kansas, Missouri, Arkansas, Colorado, Western Washington (I know- what about East), Indiana, Ohio, Wyoming, Oklahoma, Montana.

Tnx es 73

==========

Christopher Conklin
Public Policy Masters Student: University of Northern Iowa
Net:Conklic9391@uni.edu

Amateur Radio voice: 444.650Mhz n0pav/rpt
Amateur Radio packet: n0pav-1@ko0x-1.ia.usa.na

==========

4435. WTD: GP300 Service Manuals

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 07:15:42 UTC
From: vuckovic@interaccess
Message-ID: <3lb1eu$3qo@nntp.interaccess.com>
Source record: 249738
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

I'm looking for any Motorola GP300 Service manuals (16 Channel Version, UHF Wideband) as well as any information regarding paging capabilities between two GP300s. Can I, for example, us QuickCall or whatever it's called to turn on my partner's radio? Can Burst tones be used to do this? I know the Ritron Patriots are capable of this QuickCall style paging, but is the GP300?

--

Owner, Weniger Lighting Systems | George Vuckovic |
Director, Emergency Response Medical Services | vuckovic@interaccess.com |
EMS, Security, Communications |__My_Opinions_Are_My_Own__|
Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation
---

4436. Re: Help me ground my station - PLEASE

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 07:50:08 UTC
From: jackl@pinetree.microserve.com
Message-ID: <3lb2v8$5qu@willgate1.pennet.net>
Source record: 249739

KK6JQ and NH6IL have complained regarding the content of my
recent post to this thread.

Both of these gentlemen are correct in at least one respect:
the article would have been more appropriate as e-mail, rather
than as a public post.

For this, my apologies to the group, and particularly to
Todd Little, N9MWB.

Sorry for the wasted bandwidth, folks.

73,

Jack WB3U

4437. VK2WI Weekly News, 26th March, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-29 09:41:26 UTC
From: dave@eram.esi.com.au
Message-ID: <3lba06$52a@eram.esi.com.au>
Source record: 249670
Cross-posted to: aus.radio,rec.radio.amateur.misc,rec.radio.info

VK2 DIV. PRESIDENT'S MESSAGE

This is Michael Corbin VK2PFQ.

Another week of intense lobbying on these amateur licence fees. I hope by now everyone has got around to recycling that letter to the Senators. Vicki Bourne, the Democrat Whip, must be the most popular person in Australia at the moment. If you have not written yet, do so today. We need to get all the help we can on this matter.

Remember the Lower House debate will continue this week. If you're in a position to listen to the ABC direct live broadcast, it might prove very interesting.

You'll recall last week I read two more speeches from the last round of debate. I did intend to read more this week, indeed Richard, VK2SKY went to a great deal of trouble to precie them, so that I could read them this week. I have decided against this as I have something else to read.

However, don't despair, the whole text of the Parliamentary Lower House Debate is on packet. Read it there if you can.

This week I received a letter from Jim Rowe, the Managing Editor of Electronics Australia. Jim has tried to set the record straight by writing to Ms.Henzell, the member for Capricornia, who quoted Jim's article in the Parliament. Now obviously Ms. Henzell does not read Electronics Australia....Nor is M/s Henzell an expert on Amateur Radio, so the question is, who supplied her with this information??? I believe that the person or persons or indeed the organisation who wrote her speech to the Parliament, was or were quite aware that the information in Jim's article was flawed. Therefore, is Ms Henzell guilty of misleading Parliament???? I'll leave that to the Opposition to decide next week.

Jim Rowe has supplied me with a letter he wrote to Ms.Henzell correcting his mistakes. The question is..... will the Honourable Ms. Henzell retract the statements made in the Parliament.

In an effort to bring Ms. Henzell to account, whilst speaking with Jim Rowe I suggested he write to Senator Alston, the Shadow Minister, to make him aware of the true facts. Jim said he was only too happy to do this and has faxed me a copy of his letter. As an added bonus, he has also given me a copy of his "apology"

in inverted commas, to Amateurs. I'd like to share these letters with you.

Mr. Michael Corbin VK2PFQ
President, NSW Division
Wireless Institute of Australia

Dear Mr. Corbin

As you are no doubt aware, I attempted to discuss the SMA/licence fee rise issue in my Editorial Viewpoint column, in the March issue. Although it was not my intention to do so, this has upset quite a few amateurs and produced quite a volume of "hate mail" - some of which is quite nasty and does very little for the image of amateur radio. I gather that I've also been "flamed" on the packet radio network, along with various SMA people and politicians (I'm told that the SMA has shown many of the nastier packet messages to the Government, which also hasn't done much to improve the image of radio amateurs...)

You may like to know, however, that when I discovered that I'd made some factual errors in the March editorial, I did seek to correct them. The April issue had already been printed, so I have corrected the errors and apologised for them in the forthcoming May editorial. I'm also proposing to discuss the matter further in the June issue's "Forum" column -- in a somewhat calmer and more objective fashion than many of my correspondents.

Many critics have made me aware of the fact that parts of my editorial were quoted in Parliament, by the Member for Capricornia. As the debate regarding the SMA and fees is due to be resumed before my corrections will be published in EA, I therefore took the step of sending a letter to the Member for Capricornia, advising of the errors I had made (and also supporting the idea that as amateur radio plays a significant role in fostering technological innovation, it deserves special treatment). A copy of this letter follows, for your interest; you'll note, I hope, that it was sent on March 13th -- by both fax and mail."

Ms. Marjorie M. Henzell, MP,
Member for Capricornia,
P.O. Box 1889,
ROCKHAMPTON, QLD 4700
(fax 079 22 7993)

Dear Ms. Henzell,

I must confess that I was not able to listen to your speech in the House of Representatives last Thursday, nor have I seen a transcript of it as yet. However I'm told that in the speech, you quoted from an editorial comment I made in the March issue of this magazine, on the subject of amateur radio licence fees.

While this is flattering, at the same time it's also rather embarrassing, because I have since discovered that in this editorial I made some inadvertent errors of fact:

1.
In writing that Amateur licence fees had not risen for about 10 years, I was wrong. In fact, they have risen from $23 pa to $37 pa over the period from 1986 to early 1995.

2.
In writing that there had been 'prolonged negotiations' between the SMA and the Wireless Institute of Australia, it appears that I was also wrong. Further enquires have suggested that although WIA members were indeed present at various meetings during 1994 when fee increases were mooted, for various reasons little in the way of real negotiations seems to have taken place until early in 1995.

I am seeking to correct the above errors in a follow-up editorial on the same subject, which I have just written for our May issue (due for publication in late April). However in view of the delay in publishing the correction, I thought it would be desirable to send you this information by letter and fax.

Please accept my sincere apologies for any embarrassment that these inadvertent errors may have caused you.

By the way, although radio amateurs occupy a significant amount of space in the electromagnetic spectrum, I do believe that the amateur bands can be considered as internationally sanctioned 'spectrum reserves', where interested people can engage in technical innovation and experimentation in the areas of radio, data and satellite communications, and information processing. This kind of activity has been shown to play an important role in fostering the development of new technologies, while at the same time costing the general public very little -- as amateurs basically fund their own activities.

If Australia does wish to maintain and enhance its position as the 'clever country', one can therefore argue that it should be doing all it can to encourage such activity, rather than discourage it. Perhaps Australia's best interests would therefore be served by either abolishing, or at least reducing the level of amateur radio licence fees, rather than increasing them at all.

I hope these further thoughts are of interest to you, Ms Henzell, and again I trust that the errors in my earlier comments do not cause you embarrassment.

Yours sincerely,

signed Jim Rowe.

March 23, 1995

Senator Richard Alston
Parliament House,
CANBERRA, ACT.
(fax 062 77 3308)

Dear Senator Alston,

I'm contacting you to bring to your attention some information which you may find of interest regarding the debate which took place on March 9, 1995 in the House of Representatives, regarding the Spectrum Management Authority, the Radio communications (transmitter Licence Tax) Amendment Bill 1994 and proposed licence fee rises for Australia's radio amateurs.

During the debate, which I understand will be resumed in the near future, the Member for Capricornia Ms Marjorie Henzell MP quoted from an editorial I wrote for our March 1995 issue, commenting on the proposed fee rises. While in normal circumstances this may have been flattering, in this case it is quite embarrassing, because I have since discovered that in this editorial I made some inadvertent errors of fact (one of which was quoted by Ms Henzell):

1.
In writing that amateur licence fees had not risen for about 10 years, I was wrong. In fact, they have risen from $23 pa to $37 pa over the period from 1986 to early 1995.

2.
In writing that there had been 'prolonged negotiations' between the SMA and the Wireless Institute of Australia, it appears that I was also wrong. Further enquires have suggested that although WIA members were indeed present at various meetings during 1994 when fee increases were mooted, for various reasons little in the way of real negotiation seems to have taken place until early in 1995.

I have written to the Member for Capricornia to acquaint her with these inadvertent errors, and apologise for any embarrassment that I may have caused her. I will also be correcting the errors in a follow-up editorial on the same subject, which I have written for our May issue (due for publication in late April). However in view of the delay in publishing the correction, I thought that in the interests of fair play I should also provide you with this information, in case the matter should become the subject of further discussion in either House, before my correction can be published.

Before closing, Senator, perhaps you will allow me to expand briefly on a point I made in the original editorial, which does not appear to have been quoted by the honourable Member. This is that although I suggested that radio amateurs might be advised to "grin and bear" any proposed increase in licence fees, I also

believe that there's a good case for arguing that amateur licence fees should be reduced -- or even abolished -- rather than increased at all.

Although radio amateurs do 'occupy' a significant amount of space in the electromagnetic spectrum, I believe that the amateur bands can be considered as internationally sanctioned 'spectrum reserves', where interested people can engage in technical innovation and experimentation in the areas of radio, data and satellite communications, and information processing. This kind of activity has been shown to play an important role in fostering the development of new technologies, while at the same time costing the general public very little -- because amateurs basically fund their own activities.

If Australia does wish to maintain and enhance its position as the 'clever country', one can therefore argue that it should be doing all it can to encourage such activity, rather than discourage it. Perhaps Australia's best interests would therefore be served by either abolishing, or at least reducing the level of amateur radio licence fees, rather than increasing them at all.

I hope these further thoughts are of interest to you, Senator Alston. I'm also enclosing a copy of the editorial to appear in the May issue of the magazine, with its corrections, in the hope that this may also be of interest.

Yours sincerely

signed Jim Rowe.

EDITORIAL VIEWPOINT

AMATEUR LICENCE FEES:
the battle continues...

In the March issue, you may recall, I commented here on the proposal by the Spectrum Management Authority to increase radio amateur licence fees, as part of its overhaul of licensing for all spectrum users. Despite my attempts to be as objective and as fair as possible, I managed to upset quite a few amateurs in the process.

Mind you, I did make a couple of unfortunate errors of fact, as quite a few people were quick to point out (some of them not very nicely!) One was to claim that amateur licence fees hadn't risen for about 10 years; this is certainly wrong, as they've risen from $23 pa in 1986 to &37 pa in 1995. My apologies for this inadvertent mistake -- I should have checked, rather than relying on memory.

My other error, it seems, was to suggest that there had been 'prolonged negotiations' between the SMA and representatives of

the WIA, which had resulted in the whittling down of the proposed new fees from an original 'formula' figure of around $500 down to a figure of around $70. I've since discovered that to describe the negotiations as 'prolonged' was wrong; in fact they seem to have been relatively short, and unfortunately delayed. In retrospect, 'last minute negotiations' would have been a more appropriate description.

Although all kinds of theories seem to have been circulating in amateur radio circles regarding the reasons for these negotiations having been delayed and curtailed, I believe it's not in the best interests of amateur radio to explore this further here. Suffice it to say that from what I've been able to learn, the WIA itself must shoulder a good deal of the responsibility for what happened.

In any case, events have moved on. Once it became clear that the proposed fees could be as high as $71, a ground swell of protest built up among amateurs as a whole, who sent large numbers of letters to their MP's as well as petitions to the Minister. As I write, this plus pressure from the WIA seems to have resulted in the Government deciding to reduce all of the new amateur licence fees to a flat rate of $51, corresponding to around half of the SMA's proposed rises.

Not surprisingly, many amateurs are still not satisfied. Now that the whole issue of fees has been raised again, they're determined to apply renewed pressure for abolition of amateur licence fees altogether. And that's their right, of course.

As I said here in March, I do believe that you could build a good case for abolishing amateur licence fees. Regardless of how much total spectrum space is currently allocated to amateurs, and quite apart from the valuable roles played by amateurs in times of natural disaster, one can indeed argue that the amateur bands are in the nature of internationally sanctioned 'spectrum parks', which allow innovators of all ages to gain important practical experience in radio, data and satellite communications, and data processing technology -- at little or no real cost to the public. Encouraging innovation of this kind is surely something that Australia must do, if we are to maintain our status as the 'clever country'...

The NSW Division of the WIA has been active in promoting this view, as have others in the amateur radio movement. I wish them every success.

Jim Rowe

Well there you have it. I see no reason not to accept Jim Rowe's explanation / apology. He's done his bit, Ms. Henzell has yet to do her bit......Hmmmmmm! If you are expecting a retraction from the Government benches.... I don't suggest you hold your breath.

See you next week.

Correspondence course help wanted

Correspondence Course volunteer wanted

The NSW Division used to conduct a correspondence course for aspiring amateur radio operators ..... yes ..... used to conduct!!!

In the upheaval which has taken place over the past two years the person who was responsible for this stopped correcting the papers of the current students some seven months back.......then he resigned.

So we have a problem......people have paid around $200 for a service but they no longer receive this service.

Solution.....we are in need of someone to correct these papers thus saving this Division both a loss of income not to mention a loss of face.

So....if you feel that you fill the bill and are willing to help please call the President Michael Corbin on 626 9288 urgently!!!!

This has nothing to do with the "politics" of the day.......it's all about helping to educate those people who for whatever reason be it distance or disbility want to obtain their amateur radio licence.

Can you help???

Urunga help needed

Help needed

The Urunga Radio Convention Committee has requested that the Division supply a selection of books from the WIA bookshop for sale at their coming Convention which is set down for the Easter weekend.

Well what an excellent idea!!!! The only trouble is that none of the Council will be attending this get together... At least that's how it seems at the moment. CAN YOU HELP????

What does this mean? All we need is for someone to take up a couple of boxes of books .... Hopefully you won't have to bring them back as they will all have been sold HI! HI! .... And of course you will be required to bring back all the money. Does this mean you will have to staff a stall... The answer is NO... These books will sell themselves.

If you can help please contact Peter Kloppenburg at the office during office hours on 689 2417 or ring the President Michael Corbin on 626 9288 anytime....

This request has come from Merv. Savins VK2DMS..... We thank him for his interest. The rest is up to you the listeners.

Broadcast roster

April to June Broadcast Roster

The April to June roster is to be finalized today.

Would all broadcast team members who have not already done so, please contact Steve VK2QZ with their unavailable dates so that the roster can be posted on Tuesday.

If anyone listening would like to join the Broadcast Team please contact the Parramatta office on 689-2417 or Steve VK1QZ (QTHR).

No special skills are required, nor is an amateur licence, although we are in need of a few more full-call amateurs and people with good 'news-reading' voices.

--Steve Pullen VK2QZ, Broadcast Roster Co-ordinator

News briefs

News Briefs

For no particular reason, we feel the urge to pass on the information from The Sydney Morning Herald, which tells us that there are only 2,000 days to go to the start of the Sydney 2000 Olympics...

Russian cosmonaut Valery Polyakov returned to earth this week, having set the world record for endurance in space. After a total of 438 days on board the Mir space station, Polyakov returned to earth in a Soyuz TM-20, landing 32 km north-east of Arkalyk in Kazakhstan. Polyakov boarded Mir on 8 January last year, and his feat of endurance surpasses the previous record of 366 days set in 1988.

We don't know at this stage who has replaced Polyakov, but we're sure that Amateur Radio will continue to operate on board the spacecraft.

EMERGENCY CENTRE TO LINK AMATEUR RADIO TO INTERNET

Plans for what organisers call "the world s first public emergency communications centre" have been announced by a Coloradio Amateur. John Hart N0OCF, of Lakewood, Colorado, says he is starting the "E-COMM" communications centre as a non-profit organisation to link Amateur Radio with the Internet worldwide, to expedite emergency communications among disaster victims, family, and friends.

"The concept is simple," Hart said. "If you are in a city where disaster strikes, or if you are experiencing an individual emergency, E-COMM will pass a health and welfare message, any time day or night, to your family and friends, wherever they reside, even if phones are down and power is out..."

Getting a mssage to E-COMM is accomplished in cooperation with ARES, the Amateur Radio Emergency Service. The new emergency centre plans to form a strategic alliance with ARES operators and groups. Those operators and groups are expected to be listed in city directories and other databases.

The new communications centre, to be built in Lakewood Colorado, will include HF, VHF, satellite, packet, an e-mail server, an FTP server, and a World-Wide Web server all connected to the Internet.

--from "73" magazine, sent to us by John Robinson VK2XY

SCIENTOLOGISTS TRY TO SUE INTERNET

The Church of Scientology this week was attempting to sue a Los Angeles Bulletin Boad System, and its Internet service providers NetCom Online Communication Services of San Jose, because of the actions of one of its subscribers.

In a preliminary hearing, the Scientologists claimed that the service providers were responsible for the behaviour of one of their subscribers, who posted copyrighted material to the net without permission. The person in question, former Scientology minister Dennis Erlich, posted the material as part of an invective commentary on the church and its teachings.

However, the court decided not to prosecute NetCom, on the grounds that they were not responsible for carrying the information. It did, however, prohibit Mr. Erlich from posting further material until the matter came to trial.

The director of the US-based organisation, Computer Professionals for Social Responsibility, commented that it is illegal to use the postal service to defraud people, just as it is illegal to use telephone lines to slander them. In these cases, she explained, neither the post office nor the telephone company can be held responsible. By this reasoning, none of the service providers could be held responsible for the actions of its users.

One would hope that this logic flows on to the Amateur Radio world, where packet BBS sysops are still threatened by legal action if illegal traffic passes through their systems. Stay tuned...

"News Briefs" looks at news items from the mainstream media that are of interest to radio enthusiasts. Thanks this week go to "The Australian" and "73 Amateur Radio Today". If your local or

regional paper runs an item of interest to Radio Amateurs, please send a clipping to the Divisional office

--Richard Murnane VK2SKY

WICEN news

WICEN News

Last weekend was the Bungonia Cave Rescue exercise, and we thank all those who took part. Packet radio was used for the first time, and the onlookers were suitably impressed with messages appearing on the printer almost as quickly as they were being spoken. All WICEN members are reminded that the end of the financial year is Friday 31st March, and renewals are due.

Events in April include the VRA Mid-Year Conference at Wooli (between Coffs Harbour and Grafton) on the weekend of 1st-2nd April; the Forster Triathlon on 9th April, and is commanded by Michael VK2CMW and Darryl VK2DAZ; the Hunter Anzac March, commanded by John VK2JRC is on 23rd April; and the Oberon Car Rally is on 29th April, with about 20 people required; please contact Alan VK2YYJ via packet radio at VK2CZR, or at work on (02) 839-1388.

Looking ahead to May, there is the Hawkesbury Bridge to Bridge Speedboat Race on 7th May, for which David VK2KLX is looking for volunteers; the annual Goulburn Training Seminar on the weekend of 13-14th May, along with the Rathmines Fun Run; the Wyong Rally on the weekend of 20th-21st May; and the Variety Club of Australia Newcastle Bash on 23rd-26th May, co-ordinated by Maurie VK2CD.

WICEN is always looking for members to provide the community with communications assistance. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065 for further information, or come up on one of the WICEN nets: Blue Mountains on the first Monday of each month at 8.30pm on channel 7175 simplex, Hunter each Wednesday at 7.30pm on channel 6900, Northern Rivers each Wednesday at 8pm around 3610 kHz, Central Coast each Thursday at 8.30pm on channel 7125, and Sydney each Thursday at 9.30pm on channels 7150/8275. If there are any other regular nets then we'd like to hear about them.

-- Dave VK2KFU, WICEN (NSW) Inc. Publicity Officer

Technical aid for the disabled

TECHNICAL AID FOR THE DISABLED

In our letters to the SMA and the politicians, many of us have highlighted the ability we Radio Amateurs have to serve the community. Now, here's yet another opportunity for us to do just that.

Technical Aid for the Disabled is an organisation which operates in all capital cities and many regional centres around Australia. TAD's function is to improve the lives of those who live with disabilities. To do this, it calls on the skills and energy of technical volunteers, who design and construct all kinds of equipment for the special needs of the disabled. In New South Wales, TAD undertakes around one thousand projects each year.

Though they come from many diverse backgrounds, TAD's volunteers all have one thing in common: they gain a sense of satisfaction from using their creative and technical skills to benefit others.

Right now, TAD is looking for volunteers to make special equipment and to give computer support to disabled users. If you think you have what it takes to be a TAD technical volunteer, then you can contact Technical Aid for the Disabled by writing to PO Box 108, Ryde NSW 2112, or by phoning (02) 808-2022. Or, you can fax them on (02) 809-7670.

IPS report

IPS WEEKLY REPORT
---
17 MARCH - 23 MARCH

DATE OF ISSUE: 24 MARCH 1995

INDICES:
DATE 17 18 19 20 21 22 23
10CM 83 92 84 89 90 94 94
A 8 4 3 4 1 3 (7 ESTIMATED)
T 38 27 37 34 30 32 39

SOLAR ACTIVITY WAS VERY LOW 17TH TO 21ST, AND 23RD MARCH; AND MODERATE ON 22ND WITH AN M2 FLARE.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 17TH AND 23RD MARCH, AND QUIET FOR THE REMAINDER OF THE PERIOD.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE ENHANCED BY 10 TO 20 PER CENT ON 17TH, THEN NEAR NORMAL UNTIL 23RD WHEN FREQUENCIES WERE NEAR NORMAL TO SLIGHTLY ENHANCED.

FORECAST (24 MARCH - 30 MARCH)

SOLAR: VERY LOW TO LOW.

GEOMAGNETIC: ACTIVE TO MINOR STORM PERIODS 26 TO 30 MARCH, QUIET TO UNSETTLED THEREAFTER.

IONOSPHERIC: MOSTLY NEAR NORMAL, 15 PER CENT DEPRESSED EXPECTED ON 29 TO 30 MARCH.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

Club news: Blue Mountains

Jo Harris, the WIA Historian is the guest speaker at the next meeting of the Blue Mountains Amateur Radio Club.

Jo is coming to speak to us about the history of the club's callsign, VK2HZ. We are also hoping to persuade her to talk about her "pet" subject, the first CW message sent from the UK to Australia in 1918 and her group's annual celebration of this event on the 22nd September.

Come along and meet Jo, you might get a chance to ask her about the history of your call.

All are welcome to the Blue Mountains Amateur Radio Club. The meeting commences at 8.00pm on Friday, 7th April, 1995 in the club room at Springwood High School, corner Chapman Parade and Grose Road, Faulconbridge; enter from Chapman Parade.

You don't have to be an amateur! If you have an interest in radio or its history - come and meet Jo and us.

The usual coffee, tea and scones will be served.

Publicity Officer, Alex, VK2ICL

Club news: VHF to SHF Group

From the VHF/SHF DX Interest Group

Just a reminder for you, not to forget the next meeting of the group to be held at the WIA Wigram Street premises.

Date: 28th March 1995
Starting at 7:30

Test gear will be available to test VHF preamplifiers.

The SSB activity night which is still being held every Tuesday evening 20:00 to 21:00 AEST -- it is well patronised but certainly would like to se some new stations so let's see you there and join in the fun.

--Richard Soulie VK2ARS Publicity Co-ordinator

Club news: RAOTC

Radio Amateurs Old Timers Club

Members and friends of the Radio Amateurs Old Timers Club are reminded that the next series of broadcasts and call backs will take place on Monday April 3.

Times and frequencies will be as follows:

10 AM. MELBOURNE TIME (2400 ZULU)
145.700 MegaHertz FM

AND
7.060 Megahertz LSB
3650 MegaHertz LSB

11 AM. MELBOURNE TIME (0100 HOURS ZULU)
14.150 MegaHertz USB beaming NORTH
from Melbourne

12 NOON MELBOURNE TIME (0200 HOURS ZULU)
14.150 MegaHertz USB beaming WEST
from Melbourne

8.30 PM MELBOURNE TIME (1030 HOURS ZULU)
3650 MegaHertz For the benefit of members
of friends who, for whatever
reason are unable to hear any
of the morning transmissions.

Callbacks will follow all six transmissions.
News for inclusion in the club broadcasts will be welcomed by Club Secretary Arthur Evans VK3VQ or Allan Doble VK3AMD both of whom are OK in any call book.

de Arthur Evans VK3VQ

Club news: Wahroonga

Wahroonga Amateur Historical Radio Association

On this day, 26th March 1930 at 1500 hours EST, 2800 coloured lights were switched on in the Sydney Town Hall to officially open the Radio and Electrical Exhibition. The radio signal that activated the switch was transmitted by Marconi from his yacht "Elettra" moored in Genoa harbour, Italy.

1995 marks the centenary of Marconi's first successful wireless experiment, which took place in his birth place, near Bologna in Italy. Celebrations are taking place this year to mark this event.

International Marconi day is held each year on the nearest Saturday to his birthday, 25th April. This year IMD is Saturday 22nd April. The Wahroonga Amateur Historical Association (WAHRA) using the callsign VK2IMD will be one of the world-wide authorised IMD stations and will be on air for the 24 hours UTC on that date.

Although Marconi never visited Australia, Wahroonga was the place where the first message from the UK to Australia was sent by him in 1918 from near Carnarvon in Wales nd which was received by Ernest Fisk. It is because of this link that WAHRA was invited to participate in the annual celebrations.

This will be the second year that VK2IMD has been involved with this special event as the only Australian station.

Further information re frequencies will be broadcast nearer to the event.

submitted by Jo. Harris VK2KAA, President WAHRA

Club news: AATC

Australian Amateur Television Club Inc.

The next meeting of the A.A.T.C. Inc. will be held on as usual the 2nd Sunday of the month - April 9th 1995 to be held at Radio House in Wigram St - Parramatta - 1.00 pm.

Note this is a special meeting to propose changes to the constitution please be there as we need the numbers for effective policy.

Technical items announced next week

Anyone interested in ATV is welcome to attend for general information about ATV and the waht is required to be on air.

Special announcement - committee meeting at Peter VK2YPU on Monday night (tomorrow night) - for further info re location ring Bob on 587-3491 on Monday.

For more information about ATV - contact the Publicity Officer on (02) 587-3491 between 4.00 and 10.00 pm Monday to Fridays.

AATC Inc. Publicity Officer Bob Barnes VJ2R.

Urunga Radio Convention

Urunga Radio Convention

Every Easter Saturday and Sunday the Urunga Radio Convention happens. Whether there is fire, flood or plague, a group of Amateur Radio enthusiasts still gather at Urunga.

Fox hunting leads the action at the convention as it did in the old days. It has become more sophisticated. We hide them better, they find them sooner.

There is still a big interest in disposals, and although Amateurs hate to part with their left-overs, a lot of second-hand trading takes place. This year there will be trade displays and a WICEN display. There will be a selection of WIA books for sale or order.

Quizzes, competitions and lucky door prizes are innovations from the 60's and 70's. There will be something for everyone.

There is a loungeroom and amenities attached to the hall now, and tea and coffee are still available all day. The premises are disability acessible.

Urunga is at the mouth of the Bellinger River and offers a wide variety of aquatic activities, as well as bowling, golf and tennis. Coffs Harbour is about 30 minutes north, the Dorrigo National Park is about 30 minutes west.

Accommodation can be booked by phoning the Holiday Coast Turist office on 008 025650.

For further information conatct Ken VK2DGT, Arnold VK2ADA, Brian VK2ZCQ, Merv VK2DMS, all QTHR.

--de Merv VK2DMS

Coming events

COMING EVENTS

Now, a summary of upcoming events of interest to members and other Radio Amateurs and Shortwave Listeners...

Proposed new Amateur licence fees were due to come into effect on the first of March, but have been delayed until April -- so please keep writing!

Divisional Trash and Treasure Sale . . . . . Today
Summerland ARC exam applications close . . . . . Today
Daylight Saving Time ends in VK3, VK5, and VK7. ended this morning
Fisher s Ghost ARC packet night. . . . . Tuesday
VHF to SHF DX Interest Group meeting at Parramatta . . . . Tuesday
Great Lakes ARC members' meeting . . . . . .Friday
St George ARS Annual Alan Pettiford Memorial Auction. . .Saturday
Divisional Examinations . . . . . .next Sunday
St George ARS meeting . . . . . .5 April
Hunter Branch Radio group meeting . . . . . .7 April
Forster Triathlon (WICEN)--Michael VK2CMW & Darryl VK2DAZ).9 April
Summerland ARC exams. . . . . .9 April
Liverpool & District Amateur Radio Club meeting . . . . . 12 April
46th Annual Urunga Radio Convention . . . . . .15-16 April
Easter Monday public holiday. . . . . 17 April
Deadline for comment on SMA paper "A New Outlook" . . . . 21 April

If you have an event you'd like publicised on the weekly broadcast, then please send details to the Divisional Broadcast Officer, Michael Corbin VK2PFQ, by phone on (02) 626-9288, by fax on (02) 626-6066.

VK2WI Broadcast, 26th March 1995. Copyright 1995 WIA (NSW) &

contributors. Material may be used elsewhere if the source is
acknowledged.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD

4438. Re: Next 2x2 CA call?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <3lf0cf$5ij@vixen.cso.uiuc.edu>
Source record: 249528

In a previous article, greg@core.rose.hp.com (Greg Dolkas) says:

>
>Just a curiosity question for the net that seems to have stumped the band here.
>
>In California, the Advanced pool of calls is in the latter half of the alphabet
>with the KO6 prefix. What happens when they get to KO6ZZ? KP6AA? I know
>KP4 is already used (Puerto Rico), and I think there are some others.
>
>Will they skip the KP's and go to KQ? Are all the KP4's 2x3 calls, so a KP4xx
>2x2 call will still be unique? Will CA move on to KP6, but 4-land skip it and
>go right to KQ4AA?
>
>The question came up as I was looking to see what sort of call I'd get when I
>upgrade.
>
>Greg KD6KGW/AA
>

Well, they didn't skip the KC6's (KC6X2 calls are currently assigned to
Belau (Palau)). This has led to some confusion!

I'll bet they do assign KP6 calls!

Zack W9SZ

4439. Hoostraders Hemfest Question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: cfishman@fsac3.pica.army.mil
Message-ID: <9503301429.aa17939@FSAC3.PICA.ARMY.MIL>
Source record: 249529

Anybody know when the hamfest at Rochester, NH is this year

This use to be Dearfield.......

tnx, Clark Fishman WA2UNN cfishman@pica.army.mil

4440. 2M/440 Mobile setup in Car

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: rwiley@magnus.acs.ohio-state.edu
Message-ID: <3lf1f7$1lq@charm.magnus.acs.ohio-state.edu>
Source record: 249530

I just purchased a new Kenwood TM-733A, and before I attempt to install it, I would like to do something a little 'different' than some people. Since I own a 1994 Chevrolet Cavalier, there are few good places in the car to mount the radio. Therefore, I purchased the remote mounting cable, and plan to mount the main body in the trunk, and mount the control head and microphone around the dashboard.

I have this problem with living with excess 'loose' wiring and having to mount excess amounts of speakers in the car. I merely consider that to be somewhat 'tacky' to need to explain such things to business partners and the like. In short, I want to use as little extra stuff in this installation as possible.

One problem I have found, is the speakers. The TM-733A has the option for output for one speaker to be for the main band, and the other to be for the sub-band.

Since I already have two speakers in the front, I would like to somehow interface the output from the TM-733 with the output from my Car radio. This way, I can listen to the car radio with the mobile rig turned down. If something happens where I am needed on the mobile rig, I could then turn down (or off) the car's radio and turn up the mobile rig.

If anyone knows how to achieve this, please let me know.

Thanks and 73 de Bob, N8MMR
--
=-=-=-

4441. -= QRP =- need qrp-l fox hunt info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: dmunroe@vcd.hp.com
Message-ID: <3lf3t5$drj@news.vcd.hp.com>
Source record: 249531

Greetings QRP'ers,

Late last year I seem to recall that those on the qrp-l mailing list had a fox hunt schedule. In addition to the fox hunt, this also served as a means for fellow QRP'ers to get together.

Due to mail volume I can't subscribe to the qrp-l mailing list, but if there is a current schedule it would be nice to have it posted so that fellow QRP afficionados could get together.

Thanks,

-Dave, KC7GQQ

4442. Re: How much power is enough?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <3lf3p4$9j6@safety.ics.uci.edu>
Source record: 249532

A very broad question, and one you can only answer with experience. You will probably get strong arguments from both sides, but I advise that you keep the amp for a month and have it for when you "need it" and see how often you actually need it. I like QRP, but occasionally run 100 watts, and have 600 watts out at my disposal. I use the amp about once very 3 or 4 months during a net when the jammers get crazy. Other than that, I don't "need" the amp, I can get through fine with way under 100 watts.

Depends on your antenna, your location, your temperment, and what you want out of radio. If you like to hone your skills and have a little bit of patience, you will probably not need the amp at all, hi hi.

CLark
WA3JPG

4443. HELP ON PACKET

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: donald.davis@moondog.com
Message-ID: <8A6712A.04B30025F7.uuout@moondog.com>
Source record: 249533

T>One other thing i get alot of noise coming over the HT it comes from
T>the coumpter like a whislting noise so i don't know how much effect
T>this would have on it to.Any help.Thanks in advance.Need more info
T>please email me # {techman@ace.com and i will get right back,i need to
T>solve this so i can get up and running on packet.Thanks again.

Try moving the HT away from the computer. It should be at least 6 feet
from it. Are you using the rubber duck on the HT or a separate Attenna?

* CMPQwk 1.42-21 9206 *This is a real Byte in the ASCII.

4444. Test Please ignore

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: Mikec@psi.com
Message-ID: <3lf746$5sj@news.worldlink.com>
Source record: 249534

This is a test to see if it will be seen.
Please ignore.

Thank you,
Mike

4445. TruckerHams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: garryr@netcom.com
Message-ID: <garryrD69uon.Mnp@netcom.com>
Source record: 249535

I am a truck driver wondering about any other trucker hams,
also involved in internet.
Hello,from:

KB0KUZ's mobile Garry Ricketson
P.O.bx 258
Dupont,Co.80024

KB0KUZ@N0IA.#SONEV.NV.USA.NA
ricketso@cyberspace.net
garryr@netcom.com

--
From Garry Ricketson
garryr@netcom.com

4446. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: garryr@netcom.com
Message-ID: <garryrD69uuo.2t@netcom.com>
Source record: 249536

Ken Kuzenski (kuzen001@acpub.duke.edu) wrote:

: I saw the post from the fellow who complained that he didn't
: have anybody to talk to on the highways from his RV--this mailer
: apparently won't let me quote. :-(

: I've found on a number of long trips that there isn't much going
: on 52 simplex. But it hasn't been dead, either. There are usually
: some truck-driving hams to be found every half-hour or so, at least
: on major highways. And if you're desperate for chat, you can always
: tune in local repeaters--THAT's where the locals are.

: I *would* like to see more folks monitor 52 simplex on the hwys, though.
: Keep it in mind on your next trip, eh?
: 73,
: --Ken

: _____
: | Ken Kuzenski kuzen001@acpub.duke.edu |
: | or on Fidonet at 1:3641/1.1 AC4RD |
: _____|
: | My employers don't care that I HAVE opinions, |
: | much less endorse them. My words are my own. |
: |_____|

I usually monitor 145.52 when no repeater is close,
yes alot of truck drivers are hams, most are on
hf 14.302.5 anyone trucker or base,or ???
as long as licensed..and courteous are welcome.
Hello,from:

KB0KUZ's mobile Garry Ricketson
P.O.bx 258
Dupont,Co.80024

KB0KUZ@N0IA.#SONEV.NV.USA.NA
ricketso@cyberspace.net

--
From Garry Ricketson
garryr@netcom.com

4447. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: garryr@netcom.com
Message-ID: <garryrD69v83.18K@netcom.com>
Source record: 249537

```
: I saw the post from the fellow who complained that he didn't
: have anybody to talk to on the highways from his RV--this mailer
: apparently won't let me quote. :-(

: I've found on a number of long trips that there isn't much going
: on 52 simplex. But it hasn't been dead, either. There are usually
: some truck-driving hams to be found every half-hour or so, at least
: on major highways. And if you're desperate for chat, you can always
: tune in local repeaters--THAT's where the locals are.

: I *would* like to see more folks monitor 52 simplex on the hwys, though.
: Keep it in mind on your next trip, eh?
: 73,
: --Ken

: _______________________________________________
: | Ken Kuzenski kuzen001@acpub.duke.edu |
: | or on Fidonet at 1:3641/1.1 AC4RD |
: _______________________________________________|
: | My employers don't care that I HAVE opinions, |
: | much less endorse them. My words are my own. |
: |_____________________________________________|

Humm my first one did not show, maybe I did not
wait long enough, I monitor 145.52 usually
when a repeater is not close, yes there are
many truck driver hams on 2m and hf, mostly
hf 14.302.5 and other freq 3940 at nite..
all are welcome, mobile,base,ect..just as
long as your licensed...
Hello,from:

□ □
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KB0KUZ's mobile Garry Ricketson
P.O.bx 258
Dupont,Co.80024
```

KB0KUZ@N0IA.#SONEV.NV.USA.NA
ricketso@cyberspace.net

73's de Garry kb0kuz

--
From Garry Ricketson
garryr@netcom.com

4448. Re: Us qsl manager for fr5

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: cjrobins@jubilee.eag.unisysgsg.com
Message-ID: <3lf7jr$qah@jubilee.eag.unisysgsg.com>
Source record: 249538

Hans Brakob (k0hb@hamlink.mn.org) wrote:
: DD>According to the IK4LZH Web, W8AH is the qsl manager for
: DD>FR5DX. That info was dated 1991. Is that still the case?
:
: If you get a card let me know. Far as I can tell, FR5DX eats green
: stamps.
:
: 73, de Hans, K0HB

Far as I can tell, too. At least he (or something/someone) along the line has eaten several of mine.

I got my cards back from W8AH with a note stating that he is NOT FR5DX's QSL manager. Too bad! It would be nice if someone were.

Anyone out there got any clue at all about how to QSL FR5DX?

73, Clair K0CJ

4449. Re: umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796599305@melpar>
Source record: 249539

zlau@arrl.org (Zack Lau (KH6CP)) writes:

>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

>: >5. what are the normal EME freqs? any from 144-144.21?

>: Most weak signal contacts are done near 144.200 MHz. But check
>: the schedule of any announced EME operation to determine their
>: actual operating frequency.

>This frequency is much too popular to use for EME work.
>Most of the EME work on 2 meters is between 144.000 and 144.050
>MHz. The fact that this part of the band is CW only for USA
>amateurs isn't a problem--only a couple stations are big enough to
>work SSB on 2M. Those stations often get their picture on the
>cover of QST.

>SSB EME is probably most practical on 432 MHz--I think you
>can get pretty good signals with 24 yagi arrays on each end
>and 1500 watts. 2 Meters is too noisy, so you need huge
>antennas to compensate. The higher bands still need a bit
>of experience and test equipment, at least for EME work.

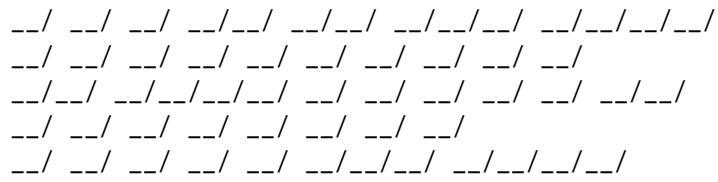
While the above is generally correct, *many* 2-meter stations
using only 100 watts and a single yagi (13B2 or bigger) are able
to make "horizon" EME contacts with the "big guns" during the EME
contests. In fact, any serious EMEer will *encourage* you to try
even if you only have the "peanut whistle" I described; after all,
they want the new grids! If you're patient enough to wait out
the Faraday rotation, you can work a number of countries via EME
with a "basic" rig.

2-meter terrestrial weak-signal work (predominently SSB congregates
at 144.2; meteor scatter congregates at 144.110. The CW portion is,
I believe, 144.0 to 144.1, not 144.05, and yes, the EMEers will congregate
below that frequency.

If you're interested in VHF/UHF weak-signal work, subcribe to the
N.E.W.S. (NorthEast Weak Signal) Group. I can send you the address
(don't have it here at work). The membership is a veritable "Who's
Who" of EME and VHF/UHF experts. You can learn a *lot* from those
guys (and for only ten bucks a year!).

73,

Paul, K4MSG



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

4450. Re: TruckerHams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: garryr@netcom.com
Message-ID: <garryrD69vqA.2JG@netcom.com>
Source record: 249540

Gary Ricketson (garryr@netcom.com) wrote:
: I am a truck driver wondering about any other trucker hams,
: also involved in internet.
: Hello,from:

: □ □
: □ □ □ □
: □□□□□□□□□
: □□□□□□□□□
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: KB0KUZ's mobile Garry Ricketson
: P.O.bx 258
: Dupont,Co.80024

: KB0KUZ@N0IA.#SONEV.NV.USA.NA
: ricketso@cyberspace.net
: garryr@netcom.com
:
: --
: From Garry Ricketson
: garryr@netcom.com
Oh P.S look for our soon to be misc.transport.trucking
news group. A discussion RFD is in : news.groups ,
we need your support. For more info contact me garryr@netcom.com

--
From Garry Ricketson
garryr@netcom.com

4451. Re: Qth for aj7/jk2voc

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: lweissma@motown.ge.com
Message-ID: <3lfc9j$96o@cnn.MOTOWN.GE.COM>
Source record: 249541

AJ7/JK2VOC was operating in the WPX contest. Rather than give an ordinary JK7VOC/W7 call, he opted for as rare of a 7-land prefix as he could get. Hence AJ7. Location was probably in WA as mentioned before.

Where have all the sunspots gone?

Larry Weissman AD3Y | All opinions expressed are my own and
Martin Marietta Corp. | in no way related to my company. All my
Moorestown, NJ USA | designs are my companies and in no way
lweissma@motown.ge.com | considered my own.

4452. Re:Re: Radio Shack 2m HTs etal

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3lfd03$b3h@newshost.lanl.gov>
Source record: 249542

Do not even think of criticizing Radio Shack!!!
They are perfect in every way. If you insist upon portraying
any of their offerings or business practices as less than
perfection you will be punished. You have been warned.

Perhaps I should have posted this through the anonymous server.
The last time I was critical of Radio Shack a store manager took
it upon himself to post information about my credit card account.

For the record I do have experience with their equipment. Some of
it is OK if a little behind the current state of the art. I had an
HTX-202, sold it; had a few scanners, sold most of them; never bought
a HTX-100 since the Uniden 2600 had more features. Have kept the Pro-43,
darn good scanner even if the audio is wanting.

Will I do business with them again? I don't think so. Between the sales
droids and the attitude that flares up on the net and Compuserve from
the Tandy connected I conclude there must be an outfit that wants my
business more.

73 and GUD DX DE JERRY KC5EGG

4453. Re: QSO in an airplane

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: ron@fc.hp.com
Message-ID: <3lff51$s2h@tadpole.fc.hp.com>
Source record: 249543

Jose Neuah (pirulo@netcom.com) wrote:
: I am a student pilot and when i fly solo I carry my alinco HT.
: I made very qso in simplex but the problems start when i want to talk in
: a repeater with PL tones.
: I usually fly at 5000 ft, and i have the repeater in line of sigh so
: WHAT IS THE PROBLEM????? If somebody knows the answer please reply this post.
: Thank you and 73 de KD6TOW.
: --
: **
: * PIRULO | KD6TOW *
: * Address: pirulo@netcom.com | Home BBS: N6YN.SOCAL.CA.Us *
: * TCP/IP : pirulo@192.100.81.113 | Los Angeles, California, U.S.A. *
: **

If you're a student pilot, your ht is better left in your flight bag.

Wouldn't you feel silly running out of gas, lost, because you were messing
with the PL tones on your radio?

I fell out of wave lift when flying a glider one time. It's still
embarrassing nearly 20 years later.

My unhelpful $.02,

Ron Miller
CFI-G, PPSEL, NW0U

4454. IPS Daily Report - 30 March 95

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <3lfe5p$l2s@flare.syd.ips.oz.au>
Source record: 249544
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 30/2330Z MARCH 1995 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 30 MARCH AND FORECAST FOR 31 MARCH - 02 APRIL

1A. SOLAR SUMMARY
Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 80/20

GOES satellite data for 29 Mar
Daily Proton Fluence >1 MeV: 4.5E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 2.9E+08 (moderate)
X-ray background: A7.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
31 Mar 01 Apr 02 Apr
Activity Low Low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 31 Mar: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: mostly quiet to unsettled, brief
activity observed 12-15UT.

Estimated Indices : A K Observed A Index 29 Mar
Learmonth 9 3212 4211
Fredericksburg 9 19
Planetary 10 19

Observed Kp for 29 Mar: 3544 4223
2B. MAGNETIC FORECAST
DATE Ap CONDITIONS
31 Mar 15 Unsettled
01 Apr 20 Active
02 Apr 10 Quiet to unsettled
COMMENT: Active levels expected on April 1 due to coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
LATITUDE BAND

DATE LOW MIDDLE HIGH
30 Mar normal normal fair-normal
PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND
DATE LOW MIDDLE HIGH
31 Mar normal normal fair
01 Apr normal fair poor
02 Apr normal fair poor-fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Observed
DATE T index MUFs at Sydney
30 Mar 23 near predicted monthly values

Predicted Monthly T index for March: 15

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
DATE T index MUFs
31 Mar 20 Near predicted monthly values
01 Apr 15 Near predicted monthly values
02 Apr 0 About 10% below predicted monthly values
COMMENT: MUFs at Townsville were depressed by up to 15-25% during
daylight hours yesterday. Near predicted values were observed during
local night at Townsville. MUFs at Hobart were depressed 15% for most
of the UT day, with spread F observed during local night. Degraded
HF comms expected 1-2 April.

--
IPS Radio and Space Services | email: rwc@ips.oz.au
PO Box 5606 | WWW: http://www.ips.oz.au/rwc/
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.oz.au/users/rwc/
tel: +61 2 4148300 | fax: +61 2 4148331

4455. ARLB030 Comments for conference

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb030.1995@ampr.org>
Source record: 249545
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB030
ARLB030 Comments for conference

ZCZC AG96
QST de W1AW
ARRL Bulletin 30 ARLB030
From ARRL Headquarters
Newington CT March 30, 1995
To all radio amateurs

SB QST ARL ARLB030
ARLB030 Comments for conference

The ARRL has commented to the FCC on four topics of interest to amateurs in preparation for the International Telecommunication Union's World Radio Conference (WRC-95) scheduled for later this year.

The League said that it had already regularly opposed even the suggestion of the use of present amateur bands between 2300 and 2400 MHz for the mobile satellite service (MSS), and that it was apparent that any additional spectrum requirements for MSS could be satisfied in bands outside those allocated to the Amateur service.

On the matter of the 40-meter band, the League said that, although an important goal of both the ARRL and the International Amateur Radio Union (IARU) is the eventual creation of a worldwide allocation of 300 kHz, it believes the matter should not be on a WRC agenda until 2001 or later. The League said that considering this any sooner would likely defeat the purpose of the exercise.

(At the 1992 World Administrative Radio Conference the United States proposed realignment of the bands around 7 MHz, specifically to provide amateurs a worldwide allocation of 6900 to 7200 kHz. While this realignment did not take place, a recommendation from that conference called for a future conference to take up the matter.)

On the idea of an international amateur radio permit, the League cited ongoing work by the IARU and in particular the European community, and then suggested an agenda item for the 1999 WRC to read ''(Resolved) to consider the adoption of an international amateur radio permit to allow international roaming by duly licensed amateurs among signatory countries.''

Finally, the ARRL took issue with a claim (in this, the FCC's second notice of inquiry in IC Docket 94-31), that requirements for new

single-sideband HF broadcasting stations should be tempered by a lack of available HF SSB receivers. The League said that the issue is not whether SSB should be required for HF broadcast, but rather when double-sideband emissions should be terminated.

Pointing out that amateurs and most other radio services converted to SSB many years ago, the ARRL said ''there should be no further foot-dragging in the SSB conversion of the HF broadcasting service.''
NNNN
/EX

4456. ARLB031 2 amateur satellites lost

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb031.1995@ampr.org>
Source record: 249546
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB031
ARLB031 2 amateur satellites lost

ZCZC AG97
QST de W1AW
ARRL Bulletin 31 ARLB031
From ARRL Headquarters
Newington CT March 30, 1995
To all radio amateurs

SB QST ARL ARLB031
ARLB031 2 amateur satellites lost

Two amateur satellites were lost when their launch vehicle exploded. The Israeli-built Gurwin-1 TechSAT and the Mexican UNAMSAT were part of the payload of a Russian SS-25 rocket originally built to carry ballistic missiles and recently converted to launch satellites. The Reuters news agency said the rocket, which was launched from Russia's Plesetsk cosmodrome, came down in the Russian Far East, in the Sea of Okhotsk, on March 28.

Both satellites were designed for packet radio repeater use. Gurwin-1 TechSAT was built at the Technion-Israel Institute of Technology in Haifa as a 9600-bit/s packet store-and-forward satellite. UNAMSAT was assembled by students at the Universidad Nacional Autonoma de Mexico (UNAM) in Mexico City. In addition to packet store-and-forward operation at 1200 bits per second, UNAMSAT carried a unique ''meteor radar'' experiment. (See January 1993 QST, page 97, for more information on UNAMSAT.)

Reuters noted that the 115-pound Gurwin-1 TechSAT was a prototype for communication satellites and ''was to have been used by amateur radio enthusiasts.'' Reuters did not mention UNAMSAT. Two Russian satellites also were lost in the failed launch.

In November 1993 the first test launch of a converted SS-25 was successful, but with a lighter payload. Radio amateurs, particularly in Europe, have hoped that the Russian rockets will provide an inexpensive way to launch Amateur Radio satellites.
NNNN
/EX

4457. ARLD015 DX news

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arld015.1995@ampr.org>
Source record: 249547
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB DX @ ARL $ARLD015
ARLD015 DX news

ZCZC AE90
QST de W1AW
DX Bulletin 15 ARLD015
From ARRL Headquarters
Newington CT March 30, 1995
To all radio amateurs

SB DX ARL ARLD015
ARLD015 DX news

This week's bulletin was made possible with information provided by Bob, WB2CJL, Tedd, KB8NW, the OPDX Bulletin, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

SPRATLY. A group of Japanese and Malaysian amateurs are on the air as 9M0A from Pulay Layang-Layang, the location of the 9M0S operation of May 1993. An early announcement of the DXpedition stated plans for CW, SSB, RTTY and perhaps even some SSTV. New England PacketCluster spots show them on 14002 kHz at 1547z and 14195 kHz between 1440 and 1615z. QSL via JA9AG. DU0K should be active from April 10 to 16 by a group of Philippine amateurs.

CONWAY REEF. Due to rough seas some equipment took an unplanned swim when one of the rubber rafts overturned. However, it has been reported that two of the three planned stations are on the air. Try 7085 kHz between 1100 and 1215z.

MAURITANIA. Listen for I2RLX, IT9AZS, IT9JNT and IT9PHY operating as 5T0AS April 1 to 20. Plans are for this DXpedition to be on all bands, CW and SSB. QSL via IT9AZS.

MALDIVE ISLANDS. Juergen, DL1IAI, has requested the call sign 8Q7AI for his April 12 to 27 stay on Kuredu Island. His hopes are to operate 160 through 20 meters. QSL via CBA.

SVALBARD. DF6JC is on the air operating the station of JW5E and signing JW/DF6JC. He has been on 14190 kHz between 1300 and 1315z. JW0C has been worked on 14190 kHz from 1423 to 1435z, and 14205 kHz at 1745z.

FRANZ JOSEF LAND. There has been some talk of operations from FJL coming to a close as the stations shuts down because of budgetary

reasons, though some stations continue to be active. R1FJL was worked on 14014 kHz at 2253z and RX1OX/FJL was on 14237 kHz at 0123z.

BELIZE. Don, ZF2VW and ex-DJ0IR, will sign V31VW April 10 to 24 from San Ignacio. Most activity will be on 17 and 12 meters, CW and SSB. Also check 14230, 21370 and 28410 kHz. QSL via the Vancouver Mountain Radio Club, PO Box 1622, Vancouver, WA 98668.

THIS WEEKEND ON THE RADIO. The Holyland DX Contest, sponsored by the Israel ARC, runs from 1800z April 1 to 1800z April 2. Exchange signal report and serial number beginning with 001.

The SP-DX Contest on CW, sponsored by the Polski Zwiazek Krotkofalowcow, runs from 1500z April 1 to 2300z April 2. Exchange six digit number consisting of RST and QSO number.

Check page 123 of March QST for more information on these operating events.

The EA WW RTTY Contest is a 24 hour contest that starts at 1600z April 1. We have no other info on this event, so listen on the air for exchange details.
NNNN
/EX

4458. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: dp@ccnet.COM
Message-ID: <199503302351.PAA14210@ccnet>
Source record: 249548

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suscribe info-hams
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4459. Re: ACARS DECODING SOFTWARE WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: "Michel Stoop (PE1OZA)" <mstoop@xs4all.nl>
Message-ID: <3lfbom$6gr@news.xs4all.nl>
Source record: 249549

Look at the new LOWE homepage at lowe.demon.co.uk

--
Michel

+--------------------------+-------------------------------------+
| Michel Stoop, PE1OZA | AMPRnet: pe1oza@pi8dre.ampr.org |
| e-mail: mstoop@xs4all.nl | AX.25 BBS: PE1OZA@PI8DRE.#DRE.NLD.EU |
+--------------------------+-------------------------------------+

4460. Filipino contacts (pls hlp)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: Bill Klatskin <wklatski@world.nad.northrop.com>
Message-ID: <Pine.SUN.3.91.950330152655.28417F-100000@world.nad.northrop.com>
Source record: 249550

My friend is a new ham living in the U.S. He would like to know how to find other hams living in the Philippines? Is there a listing of Filippino hams, and is there an institution like the FCC or ARRL in the Philippines he can contact?

Thanks in advance

AC6FV

PS: Post or reply to wklatski@world.nad.northrop.com

4461. Re: Contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <3lg7i5$fj1@safety.ics.uci.edu>
Source record: 249551

We don't seem to have addressed the hard problem here, well, er, hard for those who don't contest....

Some hams don't contest. And they have just as much a right to get on and use the bands. They get on the frequencies, 75 or 40, to chat about their rigs or whatever they like, just before the contest starts. You know what happens. It doesn't matter how long they have been there, or how strong their signals are (or how weak), they will be squashed by the contesters, one after another, mostly quite shamelessly.

Now, this is at best merely impolite. At worst, it is deliberate interference, and it happens so darned much during any contest that is an embarassment to me. I do enjoy contests, I hate impolite operators who cannot give space to those who are not contesting.

I am always amazed (probably shouldn't be after all these years) to get on a 40 meter net clear frequency and have a contest start. Every 30 seconds someone comes up without asking whether the frequency is clear and just starts talking. They when asked to move by the loudest of the group, they make sure to finish the contact over top of us and then, if we are lucky, they move....only to be replaced by the same behavior some short time later. It is really awful.

When I operate a contest I very carefully check frequencies and try to avoid QRM'ing ongoing contacts, and I know many others that do it too.... but we don't seem to be in the majority.

Clark
WA3JPG

4462. HT's in Amusement Parks

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: tmill493@bssbbs.com
Message-ID: <o6Ts3c1w165w@bssbbs.com>
Source record: 249552

Ok folks, I have made several phone calls to settle this dispute about taking ht's into area amusement parks, specifically the San Diego Zoo and Wild Animal Park, and Six Flags in Valencia, Ca. I have spoken with reps from the zoo, and 6 flags, and both have basically agreed to let ht's in the park. It seems that most folks are just paranoid that we will interfere with their freqs. I suggest that if you have trouble getting an ht in a park, ask to see the head of security, and very politely, and calmly explain that there is no way that the freqs you will be using would interfere with the freqs they will be using. Also offer to use ear or head phones. There should be no problem. Hope this helps.

Tuck Miller, KC6ZEC
Affiliated Club Coordinator ARRL San Diego Section

4463. Re: Not much 2-m on the hw

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796608157.AA00953@hamlink.mn.org>
Source record: 249553

CC>Has anyone ever considered a mobile beacon to raise some activity on
CC>VHF/UHF simplex frequencies when traveling? I usually have the
CC>radio on but grow tired of calling to see if anyone is out there.
CC>If there were a way to automatically check for activity and alert us
CC>when someone else is in range, there may be more activity on 146.52.
CC>The beacon could be as simple as a fast cw id at random intervals.
CC>The id would only get transmitted if nothing breaks the squelch for
CC>a programmable time. The delay would be to listen for ongoing QSO's
CC>and other beacons. The beacon could also copy the cw id and provide
CC>a display so the operator knows who is on the frequency.
CC>

My first reaction is "Wow", what a simple but great idea. Even
without the ID display, just the CW breaking your squelch would
be a start. A simple "QRZ?" would suffice if you missed the CW
callsign.

73, de Hans, K0HB

4464. Re: How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: bryant6634@aol.com
Message-ID: <3le8ha$kp@newsbf02.news.aol.com>
Source record: 249554

Being a ARRL-VE in Mass..... here's what I have found....

Generally 2-3 weeks seems to be the average turnaround.....
When you take your test, the people giving the test should give you an info sheet with everything you ever wanted to know about the procedures..... If you have any questions.... these are the people to ask.....

With the FCC having an 800 number to check on the progress of your license, they have eliminated most of the human factor from that end of it.... I've not called the number myself... I haven't had a need to.... But those I know have, have had good experience, and sometimes pleasant surprises....

Remember.... the VE team members.... be it ARRL, or W5YI are really the ones you should be asking.... they always have the latest (or should) info on what's going on there....

Welcome all new hams.......
Bryan, N1LLK, ARRL-VE

4465. Re: BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: glago@aol.com
Message-ID: <3lflcb$ap0@newsbf02.news.aol.com>
Source record: 249555

Both you guys are great! I concur 100% with original letter, and as much with reply. Its tough here in California too, with a bunch of old white men who just don't get it. I also turned the tables when I became club vice-pres in my first year of hamming. Many changes did not make many friends, but who cares, those who "get it" are with me all the way, and we and club are better for it.

Hey, who wants to be friends with those kind of people anyway. Leave them in your wake when you and those fired up people like you take off and have fun hamming.

I make it a policy to answer every time I here a new call on the air, especially if its a woman or a schoolchild. 73 you guys. Hang in there.

Eran Glago KD6KVO

4466. Re: IS THERE A WASH DC 2 METER REPEATER FOR HANDYTALKIES?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: nw2l@aol.com
Message-ID: <3lel3e$2pb@newsbf02.news.aol.com>
Source record: 249556

Alan --

The ARRL Repeater Directory lists 8 6m repeaters in the DC area, and 2 on 10m. Both have greater ranges than 2 meters, however, so you may find more in outlying areas (such as Baltimore or Annapolis). I'd recommend that you pick up a copy of the ARRL Repeater Directory.

73,
Rich Moseson, NW2L
CQ Online

CQ Communications, Inc. - Publishers of: CQ-The Radio Amateur's Journal, Popular Communications, Communications Quarterly, MicroComputer Journal, Electronic Servicing and Technology, CQ Guides, Pop' Comm Guides, CQ Books and Videos. Toll-free order line: 1-800-853-9797.

4467. Packet Terminal Program

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: Sam.Barrett@f429.n326.z1.fidonet.org
Message-ID: <520_9504011839@woodybbs.com>
Source record: 249557

Does anyone have a suggestion for a suitable Packet Terminal Program for
a PC-XT and an MFJ 1278?

I have recently downloaded a program called YAPP 2.0. It is dated 1986.
Is there a newer version of this program available?

73, de Sam, WA5RPP/1
Presque Isle, ME
WA5RPP @N1CHF.PQ.CAN.NOAM

---
* SLMR 2.1a * CQ CQ CQ de WA5RPP/1
--
|Fidonet: Sam Barrett 1:326/429
|Internet: Sam.Barrett@f429.n326.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4468. Re: This Week On Spectrum

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: kwp@rai.ping.at
Message-ID: <5iqIEM8F-jB@rai.ping.at>
Source record: 249558
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

>
> This weeks Spectrum will feature a visit from Arnie Coro co2kk of
> radio Havana Cuba's Dxers Unlimited. To our knowledge this will be
> the first time that a communications magazine program has ever
> interviewed him.
Just for the record: We had an interview with Arnie about three years ago and another one last winter on Radio Austria International's "KW Panorama", when we featured the Cuban communications scene in a series of four half-hour programs.

73
Wolf

Wolf HARRANTH OE1WHC InterNet: kwp@rai.ping.at
Radio Austria International Fido : 2:310/39.44
A-1136 Vienna Packet : OE1WHC@OE1XAB.AUT.EU
Austria/Europe Fax : +43/1/87 87 8-44 04

CrossPoint v3.02

4469. Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <3ldt38$l5r@buffnet2.buffnet.net>
Source record: 249559

Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

: Have care when criticizing Radio Shack. Out lurking on
: the net are Super Sales Droids who will get you. You have
: been warned.
OOOOOOOOOOOOOOOOOOOOOOOOOOOOooooooooooooooooooooooooooooooo.....

4470. Re: BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: jcw@kd4dts.radio.org
Message-ID: <1995Mar30.172312.3901@kd4dts.radio.org>
Source record: 249560

We have this problem in Atlanta, also. Tune around the 2 meter repeaters and the majority of them are the "Trucks, Trailers and Medicaid" type. In my book, except for one possible repeater, 2m is a write-off, and only used for remote basing.

We have a number of 440 repeaters listed, though many of them are "paper repeaters", and nary a beep to be heard. One of the 440 repeaters we have is a very active, high technical crowd. Computers, packet, radio, satellite, politics are very popular topics. We have had people that have been referred to our repeater when they need help. We welcome new voices, provide encouragement, and all in all have a good time.

This repeater was started because many of the users used to hang out on a local 2 meter machine. They got upset when the talk was always techical. So the users put up a 440 machine, and all moved up there. The 2 meter group started whining that there was no one to talk to. Guess they can't ever be truly happy.

If you're ever in Atlanta, stop by the 443.650 +5mhz PL100 machine (PL provides enhanced squelch, and is required only if you're QRP). Just don't bring your traffic problems and Medicaid complaints.

- John, KD4DTS

fisherb@ccsnet.com writes:

<stuff deleted for brevity>

>on me and making remarks. Sad, sad, sad.....
> However we are not alone. There are many who feel the way we do. Sarasota,
>FL has four active repeaters. Three of them have the cancer but 147.300 is
>definitely a refreshing experience. It's courtesy tone is a cricket chirp,
>which caught my attention, no annoying messages, no NETS. The hams on that
>repeater have a sense of humor and talk about interesting subjects. No
>colostomy bags, coffee breaks, Medicaid bill problems, or endless pissing and
>moaning. My first transmission, "N1SGN hanging out in Sarasota", got a lot of
>attention. Real nice guys AND gals, NICE HAMS!
> So Burt, hang in there. All is not lost as long as we don't give in. Maybe
>we just have to set an example to keep the young ones interested. I gave up
>once before, that was a mistake.

> 73
> N1SGN

>=== The opinions set forth above are soley my own and if you have a problem ===
> === with them..... I personally don't give a damn! ===

>---
> • SLMR 2.1a • The Bigger the Drive,the more Junk Collected.

>--

4471. Re: vehicle oil never wears out

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: pyron@dvorak.amd.com
Message-ID: <D69y9r.Jo9@txnews.amd.com>
Source record: 249703
Cross-posted to: rec.music.reggae,rec.music.rem,rec.nude,rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers

A hint to those who flame spammers. They ain't listening. Instead, send a polite "get the fuck out" message to them, and send a complaint to postmaster@where-ever-they-are.

This usually works.

dillon
dillon.pyron@amd.com

PADI AI-54909 USPSA A-26031

Most pilot would love to make a carrier take-off.
Few look forward to the landing.

I'm one of the postmasters at AMD, we take this nonsense pretty seriously. Most commercial sites do, too.

4472. BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: fisherb@ccsnet.com
Message-ID: <031683CRKJJNFPEJRQXY@ccsnet.com>
Source record: 249704

Here is what I said and the response from another ham:

BF>It has come to my attention that Alex AA1JY is out as net manager and
BF>has been replaced. When no one wanted the job Alex took it and decided
BF>that a traffic net ought to be a traffic net (what a novel idea?). He
BF>worked hard and made some unpopular changes (but professional). I have
BF>always known that the CITN was never a traffic net but a social net but
BF>Alex was fool enough to believe the "T" stood for traffic. So he
BF>eliminated the little games that were played on the net. After "trivia"
BF>was removed WA1AOH and his associates took their marbles and were
BF>rarely heard from again on the net U N T I L, Alex left, than
BF>strangely enough all the "old boys" reappeared. Is it any wonder that in
BF>the past ten years hundreds of young hams have been licensed and almost
BF>none get on the air?
BF>
BF>Cape Cod hams are the laziest form of humanity ever known (except
BF>Falmouth). Several years ago no one volunteered to edit the Barnstable
BF>Radio Club newsletter, I, as a non member, stepped forward and in each
BF>issue trashed the members "get up and go." Still I was not removed. Alex
BF>volunteered to be net manager because no one else would and when he
BF>was unable to be controlled by the "old boys (farts) network", the "old
BF>boys" did not even have the courage to fire him. The Barnstable Radio
BF>Club has a long history of Presidents that when they leave office the
BF>never return to the club (disgusted with the laziness?). The most recent
BF>President barely has her license so she was "drafted" because the "old
BF>boys" were too lazy. From what I have heard about her she is quite
BF>competent, thus I expect she will not stay on too long.
BF>
BF>My outlook on ham radio is soured by the locals and I bet if I lived off
BF>Cape Cod I would see hams in a different light. I am thought of as an
BF>ass by many but I consider that a character plus to be disliked by bozos.
BF>
BF>Burt K1OIK

Your message is a sad testimonial to the present state of ham radio.
You said that if you lived elsewhere the ham atmosphere would be different.
Well, I'm afraid not.
Before I left for Florida on February 15th I put my call sign on the
rear of my travel trailer in 3" high Scotchlite letters along with "52 SIMP"
From Cape Cod to Tampa Fla. I did not receive ONE call. Since I don't
travel as fast as the automobile traffic most would pass me. During the
trip about 15 hams with vanity plates passed me. The majority had 5/8 whips
which I'm sure were not CB. I called every one. No response. Well actually
not true, one waved. Obviously N1SGN is a new call therefore not worthy of
a reply or a call. I wonder what will happen when I get my old WA1FSC call

back? I also wonder what would have happened if one of them needed assistance and remembered passing me? I bet I'd get a call then. (Funny, my radio dosen't seem to receive any more) I would be sure to wave back as I continued on my way. But no, I'm not like them. I WOULD stop and assist.
You mentioned in one of our discussions about the hundreds of new young hams who, after being exposed to this pompous, ignorant mentality have given up the hobby. And the few who stay become cloned and stagnate in the mire of the cancerous disease spread by these old men with no lives. How do we encourage these young people to stick with the hobby? I suppose by example. If we get frustrated and quit, what will be left. Look at the local condition. Ron McLeod, K1FTB, who lives in Englewood, FL dosen't even use his 2M HT any more. He said it depresses him. However when he knew I was in the area he kept it on every day. And when I did call him when I got to Sarasota we talked for almost a half hour. Had to end the QSO when the old farts started doubling on me and making remarks. Sad, sad, sad.....
However we are not alone. There are many who feel the way we do. Sarasota, FL has four active repeaters. Three of them have the cancer but 147.300 is definitely a refreshing experience. It's courtesy tone is a cricket chirp, which caught my attention, no annoying messages, no NETS. The hams on that repeater have a sense of humor and talk about interesting subjects. No colostomy bags, coffee breaks, Medicaid bill problems, or endless pissing and moaning. My first transmission, "N1SGN hanging out in Sarasota", got a lot of attention. Real nice guys AND gals, NICE HAMS!
So Burt, hang in there. All is not lost as long as we don't give in. Maybe we just have to set an example to keep the young ones interested. I gave up once before, that was a mistake.

73
N1SGN

=== The opinions set forth above are soley my own and if you have a problem ===
=== with them..... I personally don't give a damn! ===

• SLMR 2.1a • The Bigger the Drive,the more Junk Collected.

--

4473. Re: Uhf/vhf anti-virus fil

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3ldm0m$1dhd@info4.rus.uni-stuttgart.de>
Source record: 249705

In article <795974657.AA00840@hamlink.mn.org>,
Hans Brakob <k0hb@hamlink.mn.org> wrote:
MM>A company here just developed a special high power version, which is
MM>guaranteed to handle up to 200W coutinuous output.
MM>
MM>the price is only 89 US$ and I am quite happy to take your order
MM>(pre-paid)
MM>
MM>73, Moritz DL5UH
MM>
>Can I use multiple filters in parallel to handle more power?
>If so, I guess I will need 25 of them for my new rig. Do you offer
>a quantity discount?

Hans,

Give me the specs for your radio and we have one customized for you.
Using several in parallel is not a good idea, because this requires
accurate power splitting and phase matched combining.

4474. Re: Full vs Semi Breakin

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: vanduyne@NorthNet.org
Message-ID: <HAXUlehQKCc4078yn@northnet.org>
Source record: 249706

In article <1995Mar27.142156.20215@arrl.org>,
zlau@arrl.org (Zack Lau (KH6CP)) wrote:
> : In article <3k0cir$10s@newsbf02.news.aol.com>, krisn3rqt@aol.com (Kris N3RQT) writes:
> : >My rig (a TS850) gives me the choice of using "Full Breakin",
> : >"Semi-Breakin", or
> : >no breakin at all by just putting the rig in send mode.
> : >
> : >Is one less hard on the rig than the others?
>
> If a radio uses relays, full break-in results in more relay
> cyles. This may be a problem. For instance lifetime of
> expensive vacuum relays used in high power amplifiers is on
> the order of 1 to 10 million cycles. For some stations, this
> could mean a lifetime of only two years.
>

I'll tell you, if you want to hear a racket, try doing even
semi-breakin on a Yaesu FT-101zd. Lots of nice clacky relays in
there. I just set the delay all the way up, get on with sending, and
hope no one is trying to get my attention. Fortunately I do have to
stop and think every so often, giving me a small window to the world
at that point....

My Drake TR-4c is pretty good for waking up the cat, too.

73 - Andy N2PSL

==========
Playing Guitar, Running The Radio, Staring Down The Computer,
Teaching Music... Is there any other way?
Andy VanDuyne aka n2psl aka vanduyne@northnet.org
==========

4475. Re: NEED HEATHKIT ADDRESS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: ehare@arrl.org
Message-ID: <1995Mar30.123316.19310@arrl.org>
Source record: 249707

Kenneth D Anderson (kenman@iastate.edu) wrote:

: Heathkit has not gone belly-up. While they do not produce the kits that
: they once did, they do still have many parts in stock. They currently sell
: electronic training courses to tech schools and for home study. They also
: still sell their "most accurate clock". Sorry I don't have their phone
: number with me, but they have an 800 number so you could get it from 800
: directory assistance.

They also sell replacement parts for their old kit line. I recently
purchased a set of filter capacitors for an old SB-220 HF amplifier.

Here is the info from the ARRL files:

Heath Co
POB 8589
Benton Harbor, MI 49023
800-253-0570

Heath Order Desk (parts)
455 Riverview Dr
Benton Harbor, MI 49022
616-925-5899

73, Ed

--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

4476. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: ehare@arrl.org
Message-ID: <1995Mar30.125501.20035@arrl.org>
Source record: 249708

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: In article <3ko99v$1q2c@yuma.ACNS.ColoState.EDU> drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) writes:

: > I noticed that the Kenwood TH-79A/D's and TH-28A's have
: > the dreaded "...complies with part 15 of the FCC rules..."
: > sticker on them. Is this because of the computing devices
: > in them? If so, then would not all microprocessor controlled
: > radios necissitate this sticker? I was under the impression
: > that we were under soley part 97. Maybe I am wrong, some
: > one set me straight and explain this one please.

: Anything with a computing device needs Part 15 certification (at
: least for now, the FCC has announced plans to relax that).

Actually, only non-industrial "personal computers and peripherals" need to be certificated. In certification, the manufacturer sends test results to the FCC and the approval and ID number is based on the FCC's inspection of the test results. The FCC usually wants to see testing done by a lab the FCC believes is competent.

Most other digital devices need to be "verified," a procedure that requires the manufacturer to test the device to ensure that it complies with FCC regulations. For verified devices, the manufacturer does not need to report the results of the testing to the FCC. Those who note that the manufacturer is on the honor system are correct.

Some devices covered under Part 15 need to be "notified" -- the manufacturer tests the devices and notifies the FCC that the device has been tested.

As Gary correctly pointed out, the FCC has pending rules changes to simplify and streamline the process for PCs.

: of course any scanning receiver that operates above 30 MHz needs
: Part 15 certification too. Most of them either have a sticker,
: or a notice in their manual, that says they are in compliance.

The only devices that need to be certificated are: (15.101(a))

CB receivers
Superregerative receivers
Scanning receivers
TV interface devices
Class B personal computers and peripherals

Devices that need to be verified are:
TV broadcast receivers
FM broadcast receivers
Cable-input switches
"Other" class-B digital devices and peripherals
Class A digital devices and peripherals
External switching power supplies
All other devices (this encompasses electrical, motors, digital
voice recorders, alarm controllers, etc., etc.)

There is a list of devices that are exempt, and that only must be operated under Part 15.5 and 15.29. Those regulations essentially state the one is not to interfere with other radio services.

Part 15 is a real catchall, and it has quite a maze of requirements. There are many aspects that are not well understood. The belief that all digital devices need to be certificated is widespread. (I held it myself until I had to research Part 15.) Part 15 also contains absolute limits on the amount of interfering energy Part 15 devices can emit. These limits are fairly loose and legal Part 15 devices can cause interference. Part 15 was designed to protect your neighbor's TV reception while you are using your video game. It was not designed to protect sensitive amateur HF operation from a computer located 15 feet from the amateur receive antenna.

Of course, Part 15 does have the additional requirement that the operation of the device not cause harmful interference to other radio services. But the responsibility for this does not rest with the manufacturer, but with the operator of the device. This means that if your neighbor's computer or electric fence causes interference to your amateur operation, your neighbor is required to correct the problem. Unfortunately, that doesn't usually work out in practice, but I will save that one for another thread.

73, Ed

: Gary

: --
: Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
: Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
: 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
: Lawrenceville, GA 30244 | |
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

4477. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: cramer@mksol.dseg.ti.com
Message-ID: <3lee9a$b37@mksrv1.dseg.ti.com>
Source record: 249709

Gary Chatters (gc@universe.digex.net) wrote:
: In article <3lcbig$if3@mksrv1.dseg.ti.com>,
: Norman W Cramer <cramer@mksol.dseg.ti.com> wrote:
: >David Drumheller (drumhell@claudette.nrl.navy.mil) wrote:
: >: In article <3lbfmp$mti@news.duke.edu> kuzen001@acpub.duke.edu (Ken
: >: Kuzenski) writes:
: >: >
: >: > [the rest deleted]
: >: >
: >

: In the 1993-1994 Repeater Directory the band plan shows 146.520MHz
: listed as the "National Simplex Frequency". This is on the second
: page of footnotes for the 144MHz bandplan. It is there but not too obvious.

: >
: >Maybe the reason there isn't much activity on "52" is that many newer hams
: >don't know about it. (No flames intended)

: Probably true, but a major contributor is that over the years
: people have moved to whatever their favorite repeater is.

: > Hey old timers lets get the word
: >out to the newer members of the radio fraternity.

: Norm is right here. Us "old-timers" do have to make some effort to
: keep the newbies informed. But what are some good ways to do it?
: Our club newsletter editor is always asking for articles and I have
: been thinking about writing something up on basic topics
: but I just never get around to it.

: What could be done here on USENET? If someone asks "What's 52 simplex?"
: they may get a flood of answers, but the usual problem that new
: people usually don't have any idea of what questions to ask in the first
: place. Maybe we need a QNAOE (Questions Not Asked Often Enough) file.

I'm kinda new to this news group but is there an FAQ for new hams? If so this
stuff should be added to it and it should be posted regularly so newbies can
get the info. I think USENET is the perfect place to get out the word about
simplex operations.

I would like to see more activity on the simplex frequencies since my 2m
operations are mainly while traveling. I always like to find another Ham on
the highway to chat with but seldom find one. I leave the rig on 146.52 most
of the time but ocasionaly scan local repeaters. One of the problems might
be that everyone is listening to 52 but no one is talking. Since simplex range
is limited from mobil to mobil, there may only be a 5 min window to talk to a

guy going the other way on the interstate. I really dont wan't to make a call every 5 mins just to see if there is anyone in the area. Any ideas on how to improve this situation?

73

Norm

4478. Re: Repeater Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: rodell@netcom.com
Message-ID: <rodellD69Bnn.HLx@netcom.com>
Source record: 249710
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

I, too, agree with the use of a 'commercial' antenna. They don't have to cost a kilobuck, and there's a decided difference. I once ended up swinging on the exposed element of a Sinclair exposed dipole array for 2M and I lived to tell about it (another story). I'm *real* glad it wasn't something else.

Many commercial-grade antennas are available from the factory cut and tuned for the ham bands. Many of the engineers are hams, too.

However, it really depends on your usage and needs. I have had repeater facilities in areas so remote I don't ever want to (and often couldn't) visit for an antenna repair. Also, how much wind is 'high wind'? If a 100 mph breeze strikes that Diamond at -20(F), it is going to be history. How much ice is expected? Is this repeater vital to emergency communications? Is it ok if it is down for a few days? For casual use, any of the antennas mentioned are just fine. I prefer Comet to Diamond, and have performed formal, protocol-governed tests to comfirm it. The new Spirit series is a hybrid commercial/ham product, and should provide good results.

I have had 10-15 years out of some of my repeater antennas, especially exposed dipole arrays. Co-axial colinears of any type are likely to break up internally before then. When I look at the total life-cycle cost of owning, I go with the commercial version. However, my needs are extreme, and 100% uptime is the goal.

r.
--
_/_/_/

4479. Re: Border Waters Trip

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: crsandstrom@mmm.com
Message-ID: <3leemt$2sj@dawn.mmm.com>
Source record: 249711
Cross-posted to: rec.radio.amateur.misc,rec.boats.paddle

In article <3lc592$1ku@newshost.lanl.gov>
Gerald Schmitt <ggs@aerie.lanl.gov> writes:

> A group of us are planning to go to the Border Waters in northern Minn. over
>
> Memorial Day week
> If anyone has any input about conditions hints and tips etc. it will be
> greatly appreciated. Equipment recomendations particularly welcome
> I am also looking for Amateur Radio repeaters that might be in the area.
> I intend bringing my GPS and a hand held for emergency use. Current plans
> are for 3 canoes (rented) and one Folbot to use on the journey. Fishing and
>
> escape from work are the primary objectives.

try this if you have a www client

http://wwwrsl.forestry.umn.edu:10000/bwcaw/

There are developed campsites located in the Boundary Waters Canoe Area
whose use is required. Sites are located on nearly every lake and
are noted on the Fischer maps of the BWCA. You need to make a reser-
vation by calling 18007453399 and you need to know your entry point
and you need to do that fast. Your outfitter can probably help you
with routes and reservations.

Have FUN Send a trip report when you're back
Chad

4480. Re: Skywarn Info Pse.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-3003950855490001@fw15.dfw.net>
Source record: 249712

In article <3lccbb$1fq@news.nyc.pipeline.com>, dsantoro@pipeline.com (Dave Santoro) wrote:

> Hi Everyone
>
> My wife and I want to get involved with Skywarn. Any Info on how to
> proceed would be greatly appreciated.
>

Check with your local Emergency Coordinator or Emergency Management Office, or the local office of the National Weather Service.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

4481. Re: umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: zlau@arrl.org
Message-ID: <1995Mar30.145806.22305@arrl.org>
Source record: 249713

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: >5. what are the normal EME freqs? any from 144-144.21?

: Most weak signal contacts are done near 144.200 MHz. But check
: the schedule of any announced EME operation to determine their
: actual operating frequency.

This frequency is much too popular to use for EME work.
Most of the EME work on 2 meters is between 144.000 and 144.050
MHz. The fact that this part of the band is CW only for USA
amateurs isn't a problem--only a couple stations are big enough to
work SSB on 2M. Those stations often get their picture on the
cover of QST.

SSB EME is probably most practical on 432 MHz--I think you
can get pretty good signals with 24 yagi arrays on each end
and 1500 watts. 2 Meters is too noisy, so you need huge
antennas to compensate. The higher bands still need a bit
of experience and test equipment, at least for EME work.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4482. 6 and 10 FM in DC and MD (Was: Re: IS THERE A WASH DC 2 METER ...)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: gc@universe.digex.net
Message-ID: <3lej72$ahn@universe.digex.net>
Source record: 249714

In article <3ld5kf$5gm@news1.digex.net>,
Alan M. Friedman <alan@kether.intellint.com> wrote:
>Hi!
>
> I was wondering if someone could also cite any 6 meter repeaters in the
>D.C. area, or if not, what 10 meter repeaters in the D.C area there might be.
>
> I've just become active again after around 15 years and just got an IC-736,
>so I would love to check out the FM capability up on 6 or 10 meters, but I
>know nothing about current repeaters on those bands.

I am working on setting something up for 6m FM from home. In the meantime
I have been listening with a scanner. There is not a lot of activity
but there is some.

You should consider listening to simplex on 52.525 MHz. I occasionally
hear activity on my scanner. Considering that the scanner is not too
good a receiver, I am hoping that there will be more to hear when
I put up a better antenna and receiver.

There is a repeater in Wheaton on 53.25 that you should try. It has
had periods of activity in the past but I haven't heard anything
in quite a while.

73,

Gary

4483. 22AT Mods

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: blackwst@uvsc.edu
Message-ID: <blackwst.53.2F7ACFA2@uvsc.edu>
Source record: 249715

Hi,. just looking for the Kenwood 22AT HT mods...

4484. Re: Callsign Database

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: I121171@relay.telecom.it
Message-ID: <3ledlj$405@sgi.iunet.it>
Source record: 249716

25 March 1995 nr.202

==========
*** 4 2 5 D X N E W S ***
==========
edited by I1JQJ, IK1IYU, IK2ULV
translated by I1-21171

BV - As said on number 200, Yuki (JI6KVR) says that from 31 March to 2 April, during his QSY in Taiwan, he will join the operations from Pescadores Isl. (AS-103) using BV9A/JI6KVR call. QSL via EA5KB.
DL - From 25 to 28 Maggio, DL6CGC and DL8CZG will be portable from Poel Isl.(EU-098) with SSB/CW/RTTY activity from 10 to 80 mtrs bands and VHF (2 mtrs) also.
EA - EA5URD will be active the 2nd of April from Mazarron Lighthouse (FEA E-120). QSL via EA5GMB.
EA - EA3BT/3 will be QRV the 2nd of April from Islote Galera Palamos (E-256). QSL via EA3DIH.
EA - EA4ENK will be portable the 2nd of April from Isla De Las Vinas (BA-53). QSL via EA5OL.
EA - EA2/EA1FCH will be QRV from Isla Zadorra (VI-07) the 2nd of April. QSL via EA5OL.
EA - Operation is aspected the 2nd of April from Islote Els Pallers (E-258). QSL via EA5OL.
EA - EA1AGZ will be portable the 16th of April from Isla Pollos (VA-25). QSL via EA5OL.
EJ - The WestNet DX Club would like to join the IOTA Contest from Inis Meain Isl. (EU-006).Activity from 27 July to 1 August all bands all modes, AMTOR and PACTOR also. QSL via EI6FR.
HC8 - Horst (DF1VU), Thomas (DF8VK), Joachim (DK5VP) e Frank (DL4VCG) will be portable /HC8 from 25 April to 14 May, working from HC8KU station. Activity all bands from 10 to 160 mtrs, WARC too.
HR - Gerard, HR5/F2JD, is active until 1st of April, expecially on CW, and he'll try to be QRV from Gulf of Fonseca Group (NA-060).
IC8 - From 21 to 23 April Raul (IK8VRS) will be portable IC8 from Procida Isl. (IIA NA01, IOTA EU-031).
ID8 - From 25 to 26 March Raul (IK8VRS), with other friends, will active Le Castella Isl. (IIA KR01) near Capo Rizzuto. QSL via IK8TPJ.
IL3 - From 25 to 26 March, Oreste (IK5VIA) together with Stefano (IK3ABY) and other friends, will be portable IL3 from Lido Isl. (EU-131, IIA VE-32).
JW - DF6JC is QRV as JW/DF6JC until 30 march from JW5E station.
KP4 - Ken, KP4XS (ex KH2F), will join the CQWW WPX SSB Contest from his new QTH in Puerto Rico, helped from K1RZ, K3NA, KF3P e W2EOS.
LU - The special station LW3DSR is active until 26 March,during the 12th

edition of Pan American Sport Games. QSL via LU1DVT.
OZ - From 13 to 20 May Siggi, DL1AZZ, will be active from Mandoe Island (EU-125) as OZ/DL1AZZ/p on 10 to 40 mtrs bands. QSL via home-call.
TP8CE - Station of CERAC (Council of Europe Radio Amateur Club) will be QRV during the weekend, joining the CQWW WPX SSB Contest.QSL via F6FQK.
UA1_fil- Due to government funds reductions,many polar bases on Franz Joseph Land risk to be closed and abandoned next during next months. The personal will be moved to Russia and there will be no more active stations like R1FJL (ex 4K2MAL) and RX1OX/FJL.
V7 - Ken, V73C/AH9C, says that OKDXA (Oklahoma DX Association)is no more QSL manager for his operations:send you direct QSLs to V73C address Kenneth R. Wells, P.O.Box 1255, APO AP 96555-0008, USA.
VK6 - More from previous number: Malcom (VK6LC) says that during his next operation to Faure Island (NO-REF) will be joined from Dave, VK6DLB (they was already active from Malus Island).They have already sent copy of permissions to IOTA Committee. If 20 mtrs band conditions will be poor, VK6ISL will be QRV for Europe on 7084 KHz from 1800Z to 2300Z. QSL via I1HYW (Europe), K1IYD (N.America) and VK6LC (Oceania).
VK0_h - The South Sandwich Island DX Group, announcing a new member in the team (Verne, W8BLA, very able on CW), says that the permission has been asked to land in Heard Island and is waiting for the answer by australian government. Team is still lookin' for CW operators and for a doctor: FAX for further informations to Jerry, AA6BB, +1-503-998-1269, or Tony, WA4JQS, +1-606-679-3151.
VU_ant - Dinesh, AT3D, is comin' back in India,after his trip in Antarctica. He will be QRV with his normal call VU3DEN.
W1 - The 1st of April WW1V and KA1GJ will be active from Cousins Island (NA-137) for two hours, about from 1500 to 1700Z. They will proba-bly be active from the same islnad during the IOTA contest.
W4 - Mac, KM4WE and other Clay County DX Association operators, will be active from 14 to 16 April from Beverly Beach, Florida State East Group (NA-138). QSL via KM4WE, 5180 Mallard Rd., Middleburg, FL 32068-7717, USA.
XE1 - A scientific expedition is aspected to active in June the Jalisco - Nayarit State group (NA-189), precisely Les Tres Marietas Islands and Roca Corbetana.
Xe3 - Bernardo, XE1BGM/3, from Carmen Island (NA-135) says that he is ac-tive during weekends on 14260 and 21260 KHz from 1600Z to 2400Z. He says also that he has big problems with local postal office: dama-ged envelopes and lost QSL. He has now a new address:
Bernardo Garcia Mendoza, P.O.Box 882, Poza Rica, Ver., Mexico.
ZF - AH9B is active as ZF2WH until 27 March, joing the CQWW WPX SSB Test
3D2_cr - Last news from 3D2CU/MM are about a delay of operations due to dif-ficulty to land on Conway Reef. The rough sea with high waves has overturned the ship.
5R8 - Ben, 5R8DS, says that he has improved the 80 mtrs band aerial and he is QRV on 3505 KHz CW and 3792 SSB (he prefers CW). QSL via:
Ben Witvliet, B.P. 404, Antananarivo-101, Madagascar.
5X - From 25 March to 3 April, Franco (IN3DYG) will be active as 5X4D

from Arua, with volunteers. QSL home call.
9H - From 10 to 24 April, Holger (DL5XAT), Matthias (DH1OAH), e Felix (DL8OBC) will be QRV from Gozo Island (EU-023) respectively as 9H3SB, 9H3UF e 9H3UD. Operations on all HF bands in CW/SSB/RTTY/AM-TOR/PACTOR and also RS satellites. QSL for 9H3SB via DL5XAT, Holger Binder, Thorkoppel 15A, D-22885 Barsbuettel, Germany; for 9H3UF via DH1OAH, Matthias Deutscher,P.O.Box 600121, D-30947 Ronnenberg, Germany; for 9H3UD via DL8OBC,Felix J. Riess, P.O.Box 1253,D-30984 Gehrden, Germany.
9Q - Peter, 9Q5TT (ON6TT) helped by Alex 9X5EE (PA3DZN) will join the CQ WW WPX SSB Contest, during this weekend.A special call has been re-quested or the 9Q5TT call will be used. QSl via ON5NT.

DXCC DESK -> Documentations received and approved for operations:

3A/IK1QBT 3B8/ON4QM 3C1/TU4EI 3DA0CA 3V8BB
4S7/JA4FM 5N0ETK 5N0GC 5N0PYL 5X1HR
5X1MW 5X1KO 7Q7SB 8Q7AB 8Q7BX
8Q7YF 9A/SP3DPR 9A/SP6MLX 9G5WH 9G5RM
9G5TL 9G5MB 9G5MT 9G5JR 9G5VT
9G0ARS 9I0A 9I30ZIN 9J2AE 9J2CE
9L1/TU5EV 9M2/GM0DEQ 9M6/GM0DEQ 9N1AP 9Q5AGD
9Q5RT 9X/SM5DIC 9X5EE A51MOC A51MOC/JH1AJT
A51/JH1AJT A61AH A61AN C4C CE8SFG
CN2SK D2EGH D68RS D68TA DU7LA
DU7/KD6QV FH/JA1IDY HS0/DL2FDK J55UAB J87CO
J87FT J8/F5LGQ J8/F6AOI J8/F6BFH J8/F9IE
P43DWC S21YO S79ASM SV5/DK1RP SV9/G4OBK
TI2/KB9CRY TI4/KB9CRY TI6/KB9CRY TI2PDX TK/IK1QBT
TL8JD TO0P TU4EG TU4EX TU5DX
TU5EV TU5NC US1U/PA3BUD UT8U/PA3BUD V26E
V51T V5/N0AFW VI0ANT VP2EDK VP29EI
VP2MDY VP8SGP VP8CBC VP8CRB VP8CRC
VP9/W1RQ VR6AB XE1/UA3AB XE1/RA3AUU XE1/NT2X
XF4M XT2JB XU3DWC XW1 XW1A
YK0A ZA/OK1CF ZK1SRF ZK2ZE

****
* TNX:> I1HYW, IK2IQD, IK3ABY, I4LCK, I5FLN, IK8OZZ, DC3MF, DL1AZZ, W1AW, *
* DL7VEE, DL7VOA, DL8AAM, DL8OBC, EA5KB, EI6FR, F5JFU , G4DYO, JH2PDS/1, *
* JI6KVR, ON4WW, VK6LC, XE1BGM, 5R8DS, LNDX, URE-EA-DX, OPDX Bulletin. *
****
* 425 DX News, edited by 425 DX Gang is made thanks to contributions by *
* many friends that, weekly, send many news and informations. We would *
* like to thanks everybody for the great help and we ask to send, if *
* possible, informations following this schedule: *
* *
* ISLANDS ACTIVITIES (IOTA, IIA, DIE) --> Mauro, I1JQJ (PCL, @I1YLM-8) *
* ADDRESSES & QSL MANAGERS --> Massimo, IK1GPG (PCL, @IW1BIM-8) *
* OTHER DX INFORMATIONS --> Piero, IK1IYU (PCL, @IK1EQE-8) *
****

...that's all folks!

73 & DX by 425 DX Gang

****
425-NEWS is weekly available on Trance *FREE* BBS in Italy (+39-11-482751)
****

25 March 1995 no.203
==========
425 DX NEWS * CALENDAR
==========
edited by I1JQJ & IK1IYU

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13/10-15/10 >>> Bologna: V IOTA CONVENTION <<< ***
In article <fanfantD5rDoD.MG@netcom.com>, <fanfant@netcom.com> writes:
> Newsgroups: rec.radio.amateur.misc
> Path: i2unix!EU.net!howland.reston.ans.net!ix.netcom.com!netcom.com!fanfant
> From: fanfant@netcom.com (Robert Fanfant)
> Subject: Callsign Database
> Message-ID: <fanfantD5rDoD.MG@netcom.com>
> Organization: Netcom Online Communications Services (408-241-9760 login:
guest)
> Date: Mon, 20 Mar 1995 21:43:25 GMT
> Lines: 13
> Sender: fanfant@netcom11.netcom.com
>
>
> I'm interested in getting callsign information on some DX stations I've

> recently worked, such as QSL manager or mailing address. If anyone
> know's how to obtain this information on the Internet, coule you please
> drop me a line. Would also be interested in a North American database
> also.
>
>
> -rob WB7TDU
>
> E-mail: fanfant@netcom.com
>
>

4485. Re: QTH for AJ7/JK2VOC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <1995Mar30.162604.19931@liberty.uc.wlu.edu>
Source record: 249717

Bill Feidt (wfeidt@cpcug.org) wrote:
: Can someone provide a location for AJ7/JK2VOC. He's apparently an
: operation in the WPX SSB test this weekend. TIA for any help.

: Bill Feidt
: wfeidt@cpcug.org

he was operating from Rush Drake, W7RM's, qth in Seattle.
Rich Ki6ZH

4486. Re: Japan International DX Contest (CW, High Band Portion)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: eal@etek.chalmers.se
Message-ID: <1995Mar30.170039.29952@etek.chalmers.se>
Source record: 249718

Yuzuru Suzuki <ys@isr.harvard.edu> wrote:
>Does anybody know exactly when this contest is scheduled? I have
>two conflicting pieces of information. QST magazine says that it
>is scheduled for April 14-16 (April issue, page 111). Some other
>sources say that it is scheduled for April 7-9. Thanks!

The Swedish QTC magazine says April 7-9, 23.00 - 23.00 UTC.

73, SM6UUQ
sm6uuq@sk6ab-8
eal@eta.chalmers.se

4487. Installing 2-mtr Mobile Rig

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: STUHVAND@ACS.EKU.EDU
Message-ID: <01HOQXLSKQG6000I9H@ACS.EKU.EDU>
Source record: 249719

Hi. My name is Heath and my call sign is N0ZCL. I just recently purchased a 2 meter mobile rig (azden 7000hH). I will be installing it in my car this weekend (Mazda) and was just wondering if any people are out there who have experience in this area would be willing to send me any hints and/or directions for proper installment. I am particularly interested in the electrical / wiring part of installment. For instance, should the wires (power) be connected directly to the car battery? Any helpfull information pertaining to this area would be much appreciated.
E Mial address:
stuhvand@acs.eku.edu

Thnaks, Heath

4488. Re: Possible repeater lice(?)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: rap@hooked.net
Message-ID: <3less1$3je@its.hooked.net>
Source record: 249720

k0hb@hamlink.mn.org (Hans Brakob) wrote:

>
>MACC is a federation of several (10 or 15?) state repeater coordinating
>bodies.
>
>There is no proposal that I am aware of to reinstate repeater licensing.
>
>73, de Hans, K0HB

I understand there's a special comb you can use for repeater lice; or
maybe an ointment.

4489. CAPS / MARS ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: STUHVAND@ACS.EKU.EDU
Message-ID: <01HOQY7QJOFW000I9H@ACS.EKU.EDU>
Source record: 249721

I would like to know exactly what CAPS and MARS modifiable refers to?
What frequencies do these include? I have an Azden 7000H and was told
that it had CAPS/MARS capability. How could I go about modifying it to
gain access to these frequencies? Any info would be much appreciated!

Send E-Mail to : stuhvand@acs.eku.edu

Thanks again,
Heath -- N0ZCL

4490. Next 2x2 CA call?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: greg@core.rose.hp.com
Message-ID: <D69Lrt.6qn@icon.rose.hp.com>
Source record: 249722

Just a curiosity question for the net that seems to have stumped the band here.

In California, the Advanced pool of calls is in the latter half of the alphabet with the KO6 prefix. What happens when they get to KO6ZZ? KP6AA? I know KP4 is already used (Puerto Rico), and I think there are some others.

Will they skip the KP's and go to KQ? Are all the KP4's 2x3 calls, so a KP4xx 2x2 call will still be unique? Will CA move on to KP6, but 4-land skip it and go right to KQ4AA?

The question came up as I was looking to see what sort of call I'd get when I upgrade.

Greg KD6KGW/AA

4491. GB2RS News 2nd April 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: dave@llondel.demon.co.uk
Message-ID: <796612556snx@llondel.demon.co.uk>
Source record: 249723
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.info

Good morning. It's Sunday the 2nd of April and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

The Israeli amateur satellite launched on Tuesday failed to go into orbit.

And reception reports are requested on a new 6 metre beacon transmitter near Inverness.

The Israeli amateur satellite, Gurwin-One, which was launched last Tuesday, failed to go into orbit. This was because of a malfunction in the fifth stage of the Russian rocket. As a result the satellite, is reported to have come down the sea.

Six metre beacon GB3RMK on 50.060 MHz, located near Inverness in the Highlands, will be off the air from today until next Sunday, the 9th, for essential maintenance. During this period test transmissions will be made using the new beacon transmitter which is due to enter service in August. Reception reports would be welcomed and can be sent to Chris Tran, GM3WOJ, by packet radio. The address is GM3WOJ @ GB7INV.

At this year's Stafford Amateur Radio and Computer Show, there is an opportunity for radio clubs, societies and special interest groups to put on a display free of charge. The event, which incorporates the RSGB National Convention, takes place on the 19th and 20th of August. If your club would like to take advantage of this offer, call 01923 893929 for a booking form.

GB4IRC will be active from the headquarters of the International Rescue Corps near London on Friday the 7th of April. The International Rescue Corps is a non-government funded rescue service which was recently active in Kobe, Japan, at the invitation of the Japanese government. Ian Marsh, G4INK, and his wife - who is from Kobe - were part of the team which provided earthquake rescue assistance and acted as interpreters and local guides. GB4IRC will be active on 80, 40, 20, 17 and 15 metres, mostly SSB, around the middle of each band and it is expected that members of the International Rescue Corps, including the Japanese team, will take the microphone.

Now some notes for your diary: the Morse Enthusiasts Group Scotland is organising an informal get-together near Dunfermline to celebrate the birthday of Samuel Morse on Thursday the 27th of April. All amateurs are welcome for refreshments and a go on the key. For further details,

please send an s.a.e. to George Allen, GM4HYF, whose address is correct in the latest RSGB Call Book.

Don't forget the RSGB Headquarters annual Open Day on Saturday the 22nd of April. This year HQ will be celebrating 100 years of radio with a Marconi exhibition and a special event station, GB100IMD. In addition, there will be guided tours of headquarters, including the museum, library, shack and QSL bureau. The RSGB HF Awards Manager will be in attendance to check QSL cards and issue awards. The Radiocommunications Agency, SSL and traders will also be there, and the Society looks forward to meeting as many members and non-members as possible.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO.

A DXpedition from Layang Layang Island in the Spratlys with a group of seven Malaysian and Japanese operators was due to come on the air on Wednesday and be active until tomorrow, Monday the 3rd of April. The callsign is 9M0A and the group planned to be active on all bands from 6 to 160 metres on SSB, CW, RTTY and SSTV. And another expedition is planned from the Spratly Islands between Monday the 10th and Sunday the 16th of April using the callsign DU0K.

From Mauritania, a group of Italians should be active from now until the 20th of April, signing 5T0AS on all bands, SSB and CW. They hope to activate Tidra Island, which counts as AF-050 for the RSGB IOTA Awards, signing '5T0AS Portable' during their stay in Mauritania. QSL all contacts direct to IT9AZS.

And DL1XAQ and DL9XAT should be active from St Lucia {pronounced Saint Loosha}, J6, in the Caribbean from now until Tuesday the 4th, when they move on to Guadeloupe until Saturday the 8th of April.

Next the Rally News and we know of only one event this week:

Today, Sunday the 2nd of April, the Feltham and Hounslow Sea Cadets Computer and Radio Rally takes place at the Feltham and Hounslow Sea Cadet Corps, 2 Poplar Way, Feltham, Middlesex. Doors open at 10 am.

We know of two events next weekend:

On Sunday the 9th, the Launceston Amateur Radio Rally will take place at Launceston College, starting at 10.30 am. The event will feature trade stands, a bring and buy stand, an RSGB bookstall, and Morse tests on demand. Take two passport-size photographs and identification if you wish to take your Morse test at the rally. Talk-in will be on 2 metres, channel S22 and further details may be obtained from Roy, G0IKC, on 01409 221624.

The White Rose Rally will also take place on the 9th of April, at its new venue - Leeds University. Doors open at 11 am, and the event includes a bring and buy sale. Morse tests will be available on demand: don't forget the two passport-size photographs and identification.

Details from Allen, G7ELS, P O Box 73, Leeds, LS1 5AR, or call him on 0973 189276.

The Amateur Radio Caravan and Camping Club rally at Amerton near Stafford, will take place from Good Friday, the 14th of April to Bank Holiday Monday, the 17th. If you wish to book a pitch please contact the Membership Secretary, Alan Gard, G4LWA, whose address is correct in the current RSGB Call Book, or telephone him on 01494 531755. Completed applications must be with the club by Friday the 7th of April.

And on Saturday the 15th of April, the All Micro Show Radio Rally and Electronics Fair will take place at Bingly Hall, Staffordshire County Showground, Weston Road, Stafford. Doors open at 10.00 am and further details may be obtained on telephone number 01473 272002.

We will bring you details of the events taking place on Easter Sunday and Monday in next week's broadcast.

Now for the HF contest news:

There was plenty of activity from stations around the world during the CQ WPX SSB contest last weekend. British participants included G3NLY, G4UJS, GB0DX, GB6BT, GW4BLE, GX0OBS, GX0FDX. Conditions were described as quite good considering the stage of the sunspot cycle, with openings to Africa, the Indian Ocean and especially South America on 10 metres being reported.

On Tuesday the 4th of April, the first event of the RSGB Slow CW Cumulative contest will take place. The rules are in February's RadCom.

Next some VHF contest news:

Next Sunday, the 9th of April, the first 23 cm and 13 cm fixed contest and SWL contest will take place between 1700 and 2100 UTC. The rules were published in the February Radio Communication.

And now the solar factual data:

The period from the 20th to the 26th of March saw solar activity increase to moderate levels and the geomagnetic field increase to sub storm levels. Sunspot numbers increased from 63 on the 20th to end the period at 83, the mean for the period was 73. Solar flux levels increased slightly but remained in the low 90s everyday and averaged 92 units for the period. Solar activity started the period at very low levels with several sub flares, but on the 22nd activity increased to moderate levels when a M2.4 solar flare took place at 1641 hours. The electron fluence declined every day and is now at a moderate level, it is now three orders of magnitude lower than the previous week. X-Ray flux levels increased from A6.2 units on the 20th to B2.4 units on the 23rd with the average for the period at B1.1 units. The 90 day solar flux average on the 26th was 84 units, up one unit from last week.

Geomagnetic activity remained very quiet and was down to Ap 3 units on the 22nd. However, during the mid-morning period on the 26th levels

increased to sub storm, with the planetary Kp indices up to K6. An aurora took place in the afternoon of the 26th. The daily figure on the 26th was Ap 32 units. The average for the period was Ap 9 units. The state has been 'nil, nothing to report' up to the 24th then 'mag alert' until the end of the period. The aa indices, as supplied by British Geological Survey for the period from the 14th to the 20th of March declined from active to quiet levels. The most disturbed day was the 14th with 31.1 nanoTeslas being recorded. On the 18th only 8.4 nanoTeslas was recorded and was the quietest day. The average for the period was 17.2 nanoTeslas, about K2. Bartell's rotation number 2208 starts on Monday the 3rd of April.

I'll repeat the figures: spots-73, flux-92, Ap index-9, X-Ray flux B1.1.

The F2 daytime critical frequencies at Poitiers, as reported by Meudon for the period from the 17th to the 23rd of March, averaged 7.1MHz. On the 18th levels were up to 7.8MHz and then declined to 6.5MHz by the 22nd. The darkness hour lows increased slightly everyday and averaged 2.9MHz. The daytime highs took place between 1100 and 1900 hours and the darkness hour lows at 0500 hours everyday. Now that summer time has arrived in the northern hemisphere we can expect to see the daytime highs taking place mostly in the late afternoon or early evening period as the days continue to lengthen - the darkness hour lows should still take place a hour or so either side of local sunrise.

And lastly the solar forecast.

This week the quieter side of the sun will be looking our way and solar activity is expected to be very low with solar flux levels declining to the high 70s. Geomagnetic activity should be quiet to unsettled for the first half of the week but then increase to active levels towards next weekend. Ionospheric levels during daylight hours are expected to be at about 22MHz for the south and 19MHz for the north. Levels may decline after midweek due to the expected higher geomagnetic activity. The darkness hour lows are expected to be about 10MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor Whisky and G7 Uniform Papa series, and Novice calls in the 2 0 Alpha Kilo and 2 1 Delta Victor series.

--

GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

4492. Re: CITN

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: faunt@netcom5.netcom.com
Message-ID: <FAUNT.95Mar30094158@netcom5.netcom.com>
Source record: 249724

I have a license plate frame that says "try 146.52, 446.00 or 1294.5",
and have those frequencies in the calling channel of my TM942. When
I'm on the road, I'm listening to those freqs UNLESS, I'm talking on
some other frequency, there's been intermod, etc. If there's a local
repeater that might be interesting, I'll try that, and let the radio
scan between the two.
I've had people who called just because they saw the plate, people who
saw the frame and came up because of that, and usually will call any
ham plate or callsign I see on 146.52.
I was in Idaho, passing through a small town (forget which one)
looking for a laundromat, when I got a call from a local who saw the
plates, directed me to the laundromat, and came and visited with a cup
of coffee.
I also have listened in to a fellow travelers sched on 20M. I've got
to get an HF antenna on the truck.
73, doug

4493. ARES

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: dnielson@alpine_pcnext.NPD.Provo.Novell.COM
Message-ID: <3leu10$3gp@grok2.orem.novell.com>
Source record: 249725

Hi all!

I am the Emergency Coordinator for the Utah County ARES. I am interested in finding out if there are any other EC's, DEC's, or SEC's that are willing to share information about their organizations. I would be willing to do it either publicly over this newsgroup, or privately over email.

I have a fairly active group in Utah County, but always looking to improve! Please, let me know what you think.

Doug Nielson, N7PPW
doug_nielson@wordperfect.com

4494. Re: umm...HELP!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar30.175448.27271@ke4zv.atl.ga.us>
Source record: 249726

In article <1995Mar30.145806.22305@arrl.org> zlau@arrl.org (Zack Lau (KH6CP)) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: >5. what are the normal EME freqs? any from 144-144.21?
>
>: Most weak signal contacts are done near 144.200 MHz. But check
>: the schedule of any announced EME operation to determine their
>: actual operating frequency.
>
>This frequency is much too popular to use for EME work.
>Most of the EME work on 2 meters is between 144.000 and 144.050
>MHz. The fact that this part of the band is CW only for USA
>amateurs isn't a problem--only a couple stations are big enough to
>work SSB on 2M. Those stations often get their picture on the
>cover of QST.

A few more than a couple, but you're right, the only way most of
us are going to make a 2 meter SSB EME contact is if one of those
big stations is on the other end. I've heard'em, but not yet worked'em
with my Oscar setup. I have vainglorious dreams of making EME contacts
with digital modes other than CW, so operation below 144.1 isn't of
much interest to me.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4495. Re: TVI Anecdote

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:00:00 UTC
From: ehare@arrl.org
Message-ID: <1995Mar30.165659.24748@arrl.org>
Source record: 249727

Clark Jones (jones@San-Jose.ate.slb.com) wrote:

: Well, my "elmer", AA4MW, likes to tell of when he first moved into his house.
: He got the tower and antennas up in the back yard, but was too busy for
: several months to unpack the radios. Several neighbors came around
: complaining of interference, and he took them out back to show them that
: the cable was not connected to anything and into the shack to show them
: that the radios were still in boxes, so it couldn't possibly be him.

He was lucky! From what I have learned talking to hams, the usual response
of the neighbor is that the tower must be robbing TV signals from the air,
or generating noise of its own. :-)

73, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

4496. HamVention

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 00:08:13 UTC
From: wakko@lamar.colostate.edu
Message-ID: <3lcspd$d9m@yuma.ACNS.ColoState.EDU>
Source record: 249688

Just to let any hams in Colorado know, there is a hamvention this
Sat (Apr. 01) @ 8AM at the Boulder Cty. Fairgrounds in Longmont.
If I had any phone numbers, I would put them out, but the best thing
to do is call up 145.310(-) and ask for info (that is on the statewide
repeater system). Thanks 'n '73's.

Al
KB0PYY

4497. Re: Motorola Amp Transistors

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 01:12:32 UTC
From: ac224@detroit.freenet.org
Message-ID: <3ld0i0$163@detroit.freenet.org>
Source record: 249689

In a previous article, zilmer@jingluo.dt.wdc.com (Matthew Zilmer) says:
>In <1995Mar25.105914.3542@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>In article <3l020u$cj9@detroit.freenet.org> ac224@detroit.freenet.org (Jim Harvey)
writes:
>>>
>>>Our club's repeater has fried it's final amplifier. It's a Micor and the
>>>transistors are $40 each list from Motorola (six of them). We've heard
>>>there are more reasonable civilian parts that are subs for the finals.
>>>Does anyone have a source for these or know what the 2nxxx numbers are?
>>>The Motorola parts are:
>>> M1134 (finals, four of these)
>>> M1133 (drivers, two of these)
>>> M1132 (predriver, one)
>
>>I can't help with equivalent parts, but I'd like to point out that
>>you can often find entire Micors for under $50. It makes sense to
>>just buy a radio and swap out the entire PA deck rather than try
>>to repair one as extensively damaged as yours.
>
>I think it's possible that Jim is referring to a Micor base station.
>Just curious... If so, I can check for PA parts with a commercial
>and ham friend out this way. Please let me know if it's a mobile
>or base.
>
>BTW, I bought a HiBand Micor, 80W for $35. And it works! But it's
>a mobile rig. Gary's right, you should be able to find a similar
>deal at the swap meets for a whole radio.
>
>Matt Zilmer, WA6EGJ
>zilmer@dt.wdc.com
>--

Yes, this is a Base station. It's a standard Motorola repeater.
Output is 100 watts continuous.

--
Jim Harvey - WB8NBS - 18538 Inkster - Redford, Mich. 48240 Amiga Person
ac224@detroit.freenet.org | James.B.Harvey@x400gw.ameritech.com

4498. Re: WTD: GP300 Service Manuals

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 02:04:28 UTC
From: root@cincy.msr.hp.com
Message-ID: <3ld3jc$rq3@hpscit.sc.hp.com>
Source record: 249690
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

George Vuckovic (vuckovic@interaccess) wrote:
: I'm looking for any Motorola GP300 Service manuals (16 Channel Version,
: UHF Wideband) as well as any information regarding paging capabilities
: between two GP300s. Can I, for example, us QuickCall or whatever it's
: called to turn on my partner's radio? Can Burst tones be used to do
: this? I know the Ritron Patriots are capable of this QuickCall style
: paging, but is the GP300?
The GP300 has a number of signalling decode features that are
primarily documented (like most current M radios) in the RSS
manual (radio service sofware)

The only dynamic encode is DTMF -which the radio is not able to
decode (last time I looked)

I am assuming we are talking about the US domestic model since I
believe that the European version may have the capibility for
unit to unit signalling (5/6 tone) via the keypad/display

The hardware service manual is just for fixing broken HW with
the usual parts and schematics. These do not usually document
the radio functionality to well on current production radios.

Good Luck

: --
: --
: Owner, Weniger Lighting Systems | George Vuckovic |
: Director, Emergency Response Medical Services | vuckovic@interaccess.com |
: EMS, Security, Communications |__My_Opinions_Are_My_Own__|
: Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation
: --

--

****
**** /_ _ ****
*** / //_/ ***
**** / ****
****
john Yelmgren HPDESK: john YELMGREN / HPATC2/01
Hewlett-Packard UnixMail: jyelmgr@hpccoa.corp.hp.com
4501 Erskine Road Telephone: (513)985-6292
Cincinnati, Ohio Fax: (513)985-6300
45242 Telnet: 985-6292

These are my statements not HP's !!

4499. Re: IS THERE A WASH DC 2 METER REPEATER FOR HANDYTALKIES?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 02:39:11 UTC
From: alan@kether.intellint.com
Message-ID: <3ld5kf$5gm@news1.digex.net>
Source record: 249691

In article <3l6npp$guo@newsbf02.news.aol.com>, NW2L <nw2l@aol.com> wrote:
>There is a wide-coverage 2-meter repeater in Jessup, MD (halfway between
>Washington & Baltimore) with a remote receive site on Capitol Hill. It's
>on 146.76 MHz (transmit on 146.16). I've worked through that machine into
>Philadelphia while standing in front of the Supreme Court with an HT.
>There's also the AMSAT repeater on 146.85 and depending on where you are,
>you might be able to hit two popular Northern Virginia repeaters on 146.79
>and 146.91.
>
>Have a good trip and 73,
>Rich Moseson, NW2L

Hi!

I was wondering if someone could also cite any 6 meter repeaters in the
D.C. area, or if not, what 10 meter repeaters in the D.C area there might be.

I've just become active again after around 15 years and just got an IC-736,
so I would love to check out the FM capability up on 6 or 10 meters, but I
know nothing about current repeaters on those bands.

Thanks for any help,
Alan
--
___ ___ ___ | Alan M. Friedman - WA3MLK
_ _ _ Artificial Intelligence | Intelligent Interfaces, Inc.
_ _ _ Neural Netification | (301)299-6631||(301)983-2211
___ ___ ___ | alan@kether.intellint.com

4500. Geoclock

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 02:44:46 UTC
From: VRTF93A@prodigy.com
Message-ID: <3ld5uu$106q@usenetw1.news.prodigy.com>
Source record: 249692

Dear OM,

The author of Geoclock, as I recall, is W4RX. If you write him, he can get you the program and has a catalog of maps available. He can even get you a great circle map centered on your own QTH if you pay the fee. Geoclock is shareware- you can download it to try it, and then write to W4RX for the full program, etc.
-
CARL BROCKMAN, JR.- N6AR; VRTF93A@prodigy.com

4501. Re: Azymuthical bearings software

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 03:00:01 UTC
From: VRTF93A@prodigy.com
Message-ID: <3ld6rh$br8@usenetw1.news.prodigy.com>
Source record: 249693

OM,

Try writing Don Noble, NR4V a note. I don't know if he's on the net or not, but he has written such a program called "a.s. BEAMER" which does what you want.

-
CARL BROCKMAN, JR. , N6AR VRTF93A@prodigy.com

4502. Kenwood TH-22AT Modifications

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 03:05:48 UTC
From: Paul Bennett <pbennett@freeside.fc.net>
Message-ID: <3ld76c$m22@villa.fc.net>
Source record: 249694

Does anyone know how to modify a Kenwood TH-22AT
to transmit in the 154mhz range?

Paul Bennett

4503. Re: Mentally Challenged Commentator on Infoworld Writer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 03:49:29 UTC
From: eac@shore.net
Message-ID: <3ld9o9$k8b@shore.shore.net>
Source record: 249697
Cross-posted to: comp.os.os2.advocacy,rec.radio.amateur.misc

In <3l7dhg$6qe@over.mhv.net>, jeff@internetx.com (Jeff Markel) writes:
>Now I know how 4-year-olds get to have Extra Class ham licenses these days -
>It is apparently no longer a requirement to be able to read, write, or be
>coherent to become a ham (of course, all it takes is a short listen on 20
>meters to know that <g>.)

No, I have a theory that learning the code at 20 WPM does something to the mind. If you look at statistics you will see that most FCC rules infractions are by Extra Class operators. Also there were suggestions that non-Extra hams should not be allowed to request a deceased relative's extra callsign. I think this was due to a elitist view that the person did not earn the callsign and may be mistakenly admitted into "the club". Of course if I went for Extra I would keep my old imfamous callsign because I am know by it and it is getting to be an old callsign. The one call area got alittle pass my call in the WB1Hxx series before switching to KA1xxx series. I would only consider a old K1xxx call as a replacement (K1EAC].

I do not mean to demean every Extra as I know some that are okay people but they seem to be exceptions (maybe they guessed the answers on the CW test).

Of course I could go on about AOR8000 scanners but I will save that for a crosspost to rec.radio.scanners.

73 Eric WB1HBU eac@shore.net

4504. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 04:27:25 UTC
From: abraun@alb.med.itc.com
Message-ID: <95033016045@alb.med.itc.com>
Source record: 249695

In Article <D63ACM.10M@bri.hp.com>
mikech@hysteria.bri.hp.com (Mike Chaloner) writes:

> Tell a newbie this...
>
> Does one QSL to stations contacted in a contest?
>
> ..... Mike G0UGR
>

The answer to this is "sometimes". I QSL stations I've worked in a contest if I need their country, state, county, island etc for some award I'm chasing. I also QSL them if they send me one first. Otherwise, no. OTOH, some stations, particularly JA's, QSL everyone they work in every contest. I have a huge collection of JA cards I've received through the buro for contest QSO's...I'm sure most active contesters could say the same.

* *
* Alan Braun MD, NS0B/V31EV * Internet: abraun@alb.med.itc.com *
* Jefferson City, MO * Packet: NS0B@N0LBA.#cmo.mo.usa.noam *
* *

4505. Re: PC Soundcard/Function Gen

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 04:54:14 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.5883.796543061.drayegon@drayegon.america.com>
Source record: 249696

>
> Anyone know of a program that can generate sine/sawtooth waveforms
> in the audio frequency range for an IBM/PC/Soundcard?
>
> And a program that will display audio waveforms in realtime like an o.scope?
>
> Thanks...
>
> reply to: rkoch@rapnet.sanders.lockheed.com

You can use the CT Wave that comes with sound blaster to do it. Just feed it off your audio jack on the radio and record it. then you can view it at any time. it also works to be able to Identify the bad guys who jam or disrupt a repeater but remember you will have to receive their signal direct not what the repeater sends.
73 Ray AD4RR

4506. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 04:57:18 UTC
From: gbrown@unlinfo.unl.edu
Message-ID: <3lddne$84e@crcnis3.unl.edu>
Source record: 249698

o10022@a81.corp.mot.com wrote:

: Recently I listened in to some HF phone contesting, and (being new to
: ham radio) left with this question:

: What is the content of the brief responses to the CQ's?

: The responses sounded like they might begin with the usual RS signal
: report, and then there were other numerical statements designating I
: know not what.

: The books I have gave me no answer. Had I known how to respond
: correctly, I could have helped some contesters make contact. Not
: knowing, I didn't respond at all.

: Tony
: KC7HDT

Most contests have different "report" requirements. Some use RS(T)
and a consecutive serial number; some just a serial number; some RS(T)
and CQ zone; some a county name, etc. etc. The best way to keep on
top of this is to subscribe to QST or CQ magazine. Most contest rules
are covered in these mags.

With some experience you can pretty well figure out what's needed
(except for Field Day...I think they even require shoe-size :-)).
Actually, the intended purpose of any contest report is to simply
confirm a good two-way contact did occur, and of course to give
everyone practice at high-speed or high-volume operating, austensibly
to improve emergency readiness capabilities.

Greg
WB0RTK

4507. Re: Not much 2-m on the hwys?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 05:23:49 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D68Mzp.3vn@zeno.fit.edu>
Source record: 249699

us old guys forget that the FM activity on 2m isn't just the 146-147 MHz segment anymore....

that's where the "52" = "146.52 MHz" comes from...but you have to be "inside" to know that -- so it's sort of an amateur radio sibboleth (or however that's spelled).

8)

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

4508. Re: Take a Coffee and Cookie break

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 05:24:57 UTC
From: jsetoron@cml.com
Message-ID: <3ldfb9$bkl@news.compulink.com>
Source record: 249702
Cross-posted to: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,relcom.commerce.computers,relcom.commerce.construction,relcom.commerce.consume,relcom.commerce.food:
Followup-To: rec.pets.birds,rec.pets.cats,rec.radio.amateur.misc,rec.scuba,rec.skate,rec.sport.basketball.college,rec.sport.basketball.pro,rec.sport.golf,rec.sport.hockey,rec.sport.pro-wrestling,rec.sport.soccer,rec.woodworking,relcom.commerce.chemical,re:

lcom.commerce.computers,relcom.commerce.construction,relcom.commerce.consume,relcom.commerce.food
References: <3l9cp2$12p@alterdial.UU.NET> <3l9kep$ipi@news.cc.utah.edu>
Organization: ComputerLink Online Inc.
Distribution: world

Allen Sanderson (allen@doug.med.utah.edu) wrote:
: |> Ms. Jane's Favorites, 96% Fat Free High-
: |> Fiber Cookies, are not only a nutritious snack

<snip>

: I heard that they can give you nasty gas and make you shit til you are blue!!

: ARS

Well, in that case, lets send -snopes a few dozen. It would do him good
to fill his toilet with shit, instead of this newsgroup.

-+-
o---oOo---o
Steve Edgar

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410, 192 lines telnet mud.compulink.com 4000 :
: T1 bandwidth, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :

4509. Re: Skywarn Info Pse.

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 06:00:01 UTC
From: daf19730@Rosie.UH.EDU
Message-ID: <3ldhd1$sd9@masala.cc.uh.edu>
Source record: 249700

In article <3lccbb$1fq@news.nyc.pipeline.com>, dsantoro@pipeline.com (Dave Santoro) writes:
>Hi Everyone
>
>My wife and I want to get involved with Skywarn. Any Info on how to
>proceed would be greatly appreciated.
>
>73 & TIA
>Dave N2VYP
>
I have set up SKYWARN sessions for my amateur radio club and the route to take is to contact your local National Weather Service Office-- the number is in the Government-Federal pages of your phone book-- and ask for either the Meteorologist in Charge or the Warning and Preparedness Meteorologist.

73 de kb5pgy

4510. Re: Mentally Challenged Commentator on Infoworld Writer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-30 06:51:55 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D68r2J.1op@news.hawaii.edu>
Source record: 249701

eac@shore.net writes:

>I do not mean to demean every Extra as I know some that are okay people but
>they seem to be exceptions (maybe they guessed the answers on the CW test).

IMO they aren't really Extras if they chose to take the Q&A version code
test, for one doesn't need to really copy 20wpm to `fill in the blanks'.
Copying 20wpm means one minute of error-free copy at 20wpm. Period.

Ducking the incoming rocks,
Jeff NH6IL

4511. Re: Re: New - Radio Shack 2m Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: news@bnlux1.bnl.gov
Message-ID: <3lhogg$fu9@sun20.ccd.bnl.gov>
Source record: 249478

In article <3l7i87$c6c@newshost.lanl.gov>,
Gerald Schmitt <ggs@aerie.lanl.gov> wrote:
>
>Have care when criticizing Radio Shack. Out lurking on
>the net are Super Sales Droids who will get you. You have
>been warned.

Take care when making fun of Radio Shack 'Super Sales Droids'
'cause the way people are being laid off these days you may
find yourself behind a counter someday.

N2ZCZ

4512. Re: need address of AA0UO

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: I121171@relay.telecom.it
Message-ID: <3lh5ls$nk3@sgi.iunet.it>
Source record: 249479

```
-----SUBSCRIBE THE 425 DX NEWS BULLETIN FROM ITALY FOR SERIOUS DXERS ----

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SUBSCRIBE 425 DX NEWS <Your E-Mail>

To unsubscribe please send e-mail with message in body :

UNSUBSCRIBE 425 DX NEWS <Your E-Mail>

================================================================
The bulletin is also available every Sunday evening calling Trance *free* BBS
in Italy (+39-11-482751 24hrs 28,8 bps).
```

4513. transverter

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: c002@Lehigh.EDU
Message-ID: <3li6e9$pd6@ns3-1.CC.Lehigh.EDU>
Source record: 249480
Body handling: HTML body converted to readable text

i know what a transverter is , but why do they cost so much?
i have gotta info from only SSB ele. in PA so far, and thay only have 100mw transverters with 144IF but ONLY 10.036GHz.
does SSB ele. only have one freq. 10gig xverters or is that the only freq on 10ghz?
who else has more range and cheaper 10 ghz radios?

thanks

DAvid
|---|
David Roseman	c002@lehigh.edu
SysOp of NODE 3 BBS	The Flying HAm - BBS
Running OBV/2 Software	TechnoMage - BBS
	N3SQE/SVARC - Ham
HAmmy in IRC	N3SQE@N3IQD.FN20GO.PA.USA.NA - Packet
------My AWSOME home page :) http://www.lehigh.edu/~c002/c002.html-----

4514. Re: Timewave dsp 9+ or mfj

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Bill Klatskin <wklatski@world.nad.northrop.com>
Message-ID: <Pine.SUN.3.91.950331145437.9831E-100000@world.nad.northrop.com>
Source record: 249481

I have the Timewave dsp 9 with the first upgrade hooked up to my
Knwd TS-520. Keep in mind that the 520 does not have any filtering
built in. The dsp 9 before the upgrade worked fine on CW but not so
good on phone. The upgrade made a lot of difference on both CW and
phone. I think there is a second upgrade, but Im not sure.
Installing the upgrade was very easy. The instructions provided with the
upgrade kit are well done. Opening the case and removing the board gave
me the chance to look things over. I was very impressed with the quality
of workmanship. Also, the case is made of very strong cast aluminum.
I dont know anything about the MFJ unit. I do recommend the dsp 9+
to anyone with a radio that has no filtering installed.

4515. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Bill Klatskin <wklatski@world.nad.northrop.com>
Message-ID: <Pine.SUN.3.91.950331151742.9831F-100000@world.nad.northrop.com>
Source record: 249482

He or she with the most bucks wins!!! Yes, those of us with only 100
watts or less and living on a city lot, can and do, have a great time
contesting, but you wont find many of us in the winners circle. All
the skill in the world is not going to make up for the big bucks.
All you need is a big country lot away from the city noise, with a big
antenna farm, and a big 1.5kw amplifier, and a programable voice or cw
keyer, a very expensive receiver, and some skill, (cw excluded), wins
almost all the time. He or she with the most bucks wins!!!
I can't wait for the next one though.

**********KEEP ON POUNDING THAT BRASS**********

AC6FV

4516. YAESU FT 207-R / NEWBIE / Help Sought

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950331130643.6956D-100000@rodeo.uwyo.edu>
Source record: 249483

Got the radio and would like to talk with other hams about its features
with other hams. It is kind of old one (man 1979) but works okayk.
Please reply. Thanks for your consideration.

Bishwa Shrestha, KC7JFV

4517. Re: TruckerHams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: n9vmo@aol.com
Message-ID: <3li8jv$rpc@newsbf02.news.aol.com>
Source record: 249484

I as a former dispatcher for Burlington Motor Carriers Know of at least 1 if not more truckers that are hams. His call is N6GVG and his name is Ralph. When he is rolling he monitors 52 simplex.

I also know of a driver for FedEx but I can't remember his call. He used to make a run from Detroit to Indy every tues and thurs.

Hope this helps.

73's
Joe Montano
N9VMO

4518. Re: ARRL Membership

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796681395@melpar>
Source record: 249485

w9sz@prairienet.org (Zack Widup) writes:

>In a previous article, gary@ke4zv.atl.ga.us (Gary Coffman) says:

>>In article <3lfopj$2ub@grape.epix.net> gandalf@news.epix.net (Async User) writes:
>>>As a new Ham I was bombarded with all kinds of junk - including an ARRL
>>>membership form. As a teenager 25$ isn't exactly the first thing I find
>>>in my back pocket. Is the ARRL worth it? Forgive me if I sound stupid or
>>
>>Dues are scheduled to increase to $31 if they haven't already. Consider
>>it a cheap magazine subscription. There aren't many monthly magazines
>>you can get for $31 anymore. Plus there's the membership services offered
>>by the ARRL, and you will have a voice in the largest US ham organization.
>>Yeah, it's worth it.

>I guess it's what you're into! My ARRL membership alone has saved me
>hundreds of dollars in being able to send DX QSLs via the outgoing
>bureau. And I have built many many things which appeared in QST.

>I think $31 would still be a steal!

It's really interesting how people's perspectives in different
avocational fields vary. For example, I'm also an amateur astronomer,
and Sky & Telescope costs $27/year. But all you get is a magazine; no
national org or anything like that. For the latter, you could join,
say, the AAVSO ($50) or A.L.P.O. ($20), or the Royal Astronomical
Society of Canada (RASC) for $36 and follow what the pros and advanced
amateurs are doing. So, to pursue that hobby costs at least $47 for
S&T plus the cheapest organizational membership. And, of course,
there's the cost of equipment (The cheapest 6" Newtonian plus accessories,
eyepieces, etc., will run you $500+, and it's roughly like having a
Ten-Tec Scout and dipole).

So, as hobbies go, the $31 for ARRL membership has *got* to be
one of the best buys around!

Paul, K4MSG

4519. Re: Looking for Red Plastic

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: burke_br@adcae1.comm.mot.com
Message-ID: <1995Mar31.132242.19056@lmpsbbs.comm.mot.com>
Source record: 249486

In article 25864@arrl.org, ehare@arrl.org (Ed Hare (KA1CV)) writes:
}Roland B. Burgan (rburgan@detroit.freenet.org) wrote:
}
}: I'm looking for red plastic sheets that I can cut up for filters/
}: bezels in front of LEDs (red) used for counter displays. I
}: need something about 1" by 5", but would be nice to have something
}: a little larger for other projects. Someone I'm sure will come
}: up with an answer I should have thought of, but so far I've
}: not found anything I can use. We do not have any hobbycraft
}: stores in our area.
}
}I purchased some red tape from a local auto parts store. It is intended to
}temporarily replace broken tail and brake light lenses. With the old
}beaters I drive, I have used it often. :-)
}
}73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor
}--
}Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
}203-666-1541 ehare@arrl.org

I've been using red report covers behind clear plastic.

At 39 cents each, how can ya go wrong!

Bruce, WB4YUC, el YUCCO. . .

4520. Re: Ham radio banned at S

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Perry.Whitney%f10.n101.z88@fluxline.mi.org
Message-ID: <797090974.AA00901@fluxline.mi.org>
Source record: 249487

-=> Quoting Ej Johnson to All <=-

EJ> wild animal park, and 6 flags. TM< 73, Tuck KC6ZEC

EJ> Tuck, I wrote this guy also, I told him I have never had anyone say
EJ> yea or nay to my ht at any theme park, let me know what the WAP says
EJ> also If I can help out (letter writing and such) let me know!

EJ> EJ!

EJ> * OLX 2.1 TD * 73's de N6OID... EJ! San Diego, Ca. 145.180

Hey look! Can you do me a favor please......My name of course is Perry
Whitney (KC5CXK). I am a member of the El Cajon radio club.. Tuck knows me
and I have tried to send him a message via packet here from Yokosuka,
Japan. Could you please pass to Tuck my packet address?
My Japanese call is 7J1ATC.
If you happen to hear BOB N6WKB... Please relay to him that;

I am bowing in respect to his Supreme Ham-ness!

7J1ATC@7J1YAB.10.JNET1.JPN.AS

73...Perry

... I call things as I see them; If I didn't see them, I make them up!

4521. Where have you been hiding?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Perry.Whitney%f10.n101.z88@fluxline.mi.org
Message-ID: <797090974.AA00902@fluxline.mi.org>
Source record: 249488

Hello there Tuck.....where you been hiding?
Jim said you were into packet radio, so I have sent a message out to you but do not think it made it. Believe I have the wrong address for you. Could you please send your address via this message area, or at my packet address? My Japanese call is 7J1ATC. Address is:

7J1ATC@7J1YAB.10.JNET1.JPN.AS

Tell Jim, Marv, Bob (N6WKB), I said hello!

73...Perry

... If you were right.....I'd agree with you!

4522. Wanted: accessories for FT-290R MkII

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: white_hae@csusys.ctstateu.edu
Message-ID: <1995Mar31.081355.1@csusys.ctstateu.edu>
Source record: 249561
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

```
Wanted: Accessories for the Yaesu FT290 2m allmode:
Case
Battery Pack
Battery Charger
Tone Board
Offers to white_hae@csusys.ctstateu.edu white@sleepy.ctstateu.edu
```

4523. ARRL Membership

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gandalf@news.epix.net
Message-ID: <3lfopj$2ub@grape.epix.net>
Source record: 249562

As a new Ham I was bombarded with all kinds of junk - including an ARRL membership form. As a teenager 25$ isn't exactly the first thing I find in my back pocket. Is the ARRL worth it? Forgive me if I sound stupid or anything but like I said ... I'm new.

Gandalf the Grey
N3UPH

4524. Re: CQ Magazine Highlights - May, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Keith Wyatt <wyan6jpa@delphi.com>
Message-ID: <pWy6f3X.wyan6jpa@delphi.com>
Source record: 249563

The problem with CQ Magazine is that after 1 year you notice that it the same articles!
wyaN6JPA@delphi.com 20 Hours for 20 Bucks!

4525. Re: W5YI Files Petition f

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.179.002EFE4A@mindspring.com>
Source record: 249564

In article <2a6.9275.545@acenet.com> brian.carling@acenet.com (Brian Carling) writes:
>Subject: Re: W5YI Files Petition f
>From: brian.carling@acenet.com (Brian Carling)
>Date: Wed, 29 Mar 1995 21:37:00 -0500

>Newsgroups: rec.radio.amateur.misc
>From: brian.carling@acenet.com

>Gary Ricketson writes to Bob Wilkins:

>Nag, whine, nag, whine...
>---
> • SLMR 2.1a • Remember, you are unique, just like everyone else!

Another carefully thought out, heart felt and intelligent posting.

Sincerely,

Don Simpson ko4ta@mindspring.com

World Wide Web Home page of the "Best of 75 Net"
http://www.mindspring.com/~ko4ta/bestofnet.html

Security/Fire Systems for Sale
http://www.mindspring.com/~ko4ta/alarm.html

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+_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_- +
|"All Men Do not have to agree."|
| Amateur Radio Call "KO4TA" |
| Woodstock, Ga. |
+-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-+
```

4526. 10GHz pointers

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: ac11111m@huey.csun.edu
Message-ID: <3lfihp$cm@dewey.csun.edu>
Source record: 249565

I'm a grad student in the microwave program at Cal State University, Northridge (in California) and I wish to design and build some 10GHz equipment for the campus ham radio club (which is in hibernation after the earthquake). I need some pointers and references as to what is going on in the band so that I can build appropriate circuitry. I'm going to start with the antenna first since that should apply to whatever circuitry feeding or receiving from the antenna. Am I better off with a real directional antenna (fun to design, moderate to fabricate) or should I go with something less directional until I figure out with whom I'll communicate?

Thanks,

Ed Skochinski
(graduate grunt)
edsko@calstate.edu
KE6CSY

4527. Re: Info-Hams Digest V95 #256

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: dave@nbc.COM
Message-ID: <Pine.ULT.3.91.950331075010.5617A-100000@es2>
Source record: 249566

unsubscribe

Because e-mail can be altered electronically,
the integrity of this communication cannot be guaranteed.

4528. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD6AKLp.724@netcom.com>
Source record: 249567

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: If you'll read the minutes of the last ARRL BOD meeting, you'll find
: that this is one of the issues the ARRL will be bringing up with
: coordinators at the meeting of coordinating bodies they are calling.
: If you don't like this idea, I certainly don't, then you should
: contact your local coordinators and express your opinion on the
: matter strongly. Make sure that they do the same at the ARRL meeting.
: This is one idea that needs to be nipped in the bud before we are
: back to the horrors of the 70s in regard to repeater licensing and
: modification.

You will probably find that your local coordinator will be very much in
favor of a return to repeater licensing. There are a number of things
that set a repeater station apart from the typical amateur radio station
and they should have a separate license.

Horrors? I don't remeber any horrors. Few repeater coordinators OR
repeater trustees were happy to see the WR calls go away.
--
****
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
"""
* These are my ideas alone. Don't blame anyone else! *
****

4529. Re: BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <D6B6H2.Hqp@xetron.com>
Source record: 249568

In article <031683CRKJJNFPEJRQXY@ccsnet.com>, fisherb@ccsnet.com says...

> Three of them have the cancer but 147.300 is
>definitely a refreshing experience. It's courtesy tone is a cricket
chirp,
>which caught my attention, no annoying messages, no NETS. The hams on
that
>repeater have a sense of humor and talk about interesting subjects. No
>colostomy bags, coffee breaks, Medicaid bill problems, or endless
pissing and
>moaning. My first transmission, "N1SGN hanging out in Sarasota", got a
lot of
>attention. Real nice guys AND gals, NICE HAMS!
> So Burt, hang in there. All is not lost as long as we don't give in.
Maybe
>we just have to set an example to keep the young ones interested. I gave
up
>once before, that was a mistake.
>
> 73
> N1SGN

Burt, I'm surprised you are still operating on 2 meters. In the
Cincinnati area it's just kilocycle cops and boring
conversations with occasional autopatches with "Hi honey, I'm a
block away from home. See you in a minute." type crap.

I operate a lot of 75 meter HF SSB on 3898 and 3891. Lots of
craziness but FUN!!!! I also operate on AM on the high end of
40 meters and also 160 meters. The AM type of operation is
fun because you get involved with a small segment of hams who
share information to keep the old boat anchor transmitters and
receivers running, plus almost everyone on AM is technically
proficient and knows how to keep their stuff running without
having to send it to the repair shop.

I have a 440 repeater / remote base, and some of the locals
are shocked when I am running 75 meters through the remote
base. I tell them to move their ON/OFF switch to the OFF
position to solve THEIR problem.

73 and have fun on 147.300, Jack WB8BFS......

4530. Dow-Key coaxial relay questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503310919.ZM20341@SALCIUS2>
Source record: 249569

I have a 28V Dow-Key coaxial relay (Part number 60-2328) that I would like to convert to 12V.

1. Has anyone ever successfully converted a Dow-Key relay solenoid to 12V? (problems fitting more wire in the housing or re-sealing the housing?)

2. Is it possible to buy a replacement 12V solenoid for the relay? (the solenoid attaches to the relay casting with two screws)

3. What is the RF power rating of Dow-Key coaxial relays? (My relay has SO-239 connectors)

4. Where can I buy 12V coaxial relays (new or used) at a reasonable price?

73 de Wayne Estes WD5FFH wayne@csg.mot.com

4531. Dow_Key coaxial relay questions

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503310921.ZM20349@SALCIUS2>
Source record: 249570

I have a 28V Dow-Key coaxial relay (Part number 60-2328) that I would like to convert to 12V.

1. Has anyone ever successfully converted a Dow-Key relay solenoid to 12V? (problems fitting more wire in the housing or re-sealing the housing?)

2. Is it possible to buy a replacement 12V solenoid for the relay? (the solenoid attaches to the relay casting with two screws)

3. What is the RF power rating of Dow-Key coaxial relays? (My relay has SO-239 connectors)

4. Where can I buy 12V coaxial relays (new or used) at a reasonable price?

73 de Wayne Estes WD5FFH wayne@csg.mot.com

4532. Re: Timewave DSP 9+ or MFJ DSP filter ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: pauls90212@aol.com
Message-ID: <3lie47$96@newsbf02.news.aol.com>
Source record: 249571

I'm curious about your responses. Some MFJ equipment is notoriously poor, but apparently other gear is pretty good - depending on who manufactured it. I've heard absolutely incredible things about the Timewave 59+.

73 & GL - Paul, N6DN

4533. Mesquite Rodeo Parade Special Event Station

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: serafin@cauldron.spdc.ti.com
Message-ID: <3lhgv4$jbn@epcot.spdc.ti.com>
Source record: 249572

31 Mar 1995
QST All Hams

The Ham Association of Mesquite will be operating a Special Event Station during and after the 38th Annual Mesquite Rodeo Parade on Saturday, April 1, 1995. Operations will be conducted on 15 meters and 10 meters novice sub-band from 9:30am to approximately 3:30pm CST. Certificates will be given for contacts made during the event. The station call during the event will be WD5AGG.

Mesquite is a small suburb on the east side of Dallas, Texas.

de KC5GRW

4534. Re: Japan International DX Contest (CW, High Band Portion)

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: hirose@csl.cl.nec.co.jp
Message-ID: <HIROSE.95Mar31205830@csls45.csl.cl.nec.co.jp>
Source record: 249573

In article <1995Mar30.170039.29952@etek.chalmers.se> eal@etek.chalmers.se (Andreas L}ngstr|m) writes:
>>Yuzuru Suzuki <ys@isr.harvard.edu> wrote:
>>>Does anybody know exactly when this contest is scheduled? I have
>>>two conflicting pieces of information. QST magazine says that it
>>>is scheduled for April 14-16 (April issue, page 111). Some other
>>>sources say that it is scheduled for April 7-9. Thanks!
>>
>>The Swedish QTC magazine says April 7-9, 23.00 - 23.00 UTC.
>>73, SM6UUQ

I've satisfied myself of the truth date. JIDX will hold on 7-9 Apr.
(I asked JIDX CONTEST COMMITTEE CHAIRMAN. :-)

And JIDX Contest rules is as follows.

==========
1995 JAPAN INTERNATIONAL DX "CW" CONTEST

OBJECTIVE: For amateurs around the world to contact JA
stations in as many JA prefectures as possible.

1. CONTEST PERIOD:
Low Bands
Starts: Jan. 13(Friday) 1995 2200 UTC
Ends : Jan. 15(Sunday) 1995 2200 UTC

High Bands
Starts: Apr. 7(Friday) 1995 2300 UTC
Ends : Apr. 9(Sunday) 1995 2300 UTC

Operating period is maximum 30 hours of the total 48, except for JAs,
who can operate the full 48 hours. Off period must be longer than
60minutes length and clearly indicated in the summary sheet.

2. BANDS
LOW BAND: 1.9, 3.5 & 7MHz (QSX for JAs on 1907.5$B!A(B1912.5kHz)
HIGH BAND: 14, 21 & 28MHz, except for the WARC bands.

3. ENTRY CLASSIFICATIONS:
Choose only one!
3-1.Single Operator Multi Band
3-2.Single Operator Single Band
3-3.Single Operator QRP(5W output or less)
*QRP stations must sign CALLSIGN+"/QRP"
3-4.Multi Operator Single Transmitter

All categories; only one transmitted signal allowed at any one time.
Single operator can change bands at any time.
Multi Operator; They must remain the same band at least 10minutes
when they make the contact on that band.
Single operator, single band contestants may only submit an entry
for a single band, though submission of check logs for operation
on other bands is encouraged.

4. CONTEST EXCHANGE:
JAs : RST report plus Prefecture number 01 to 50.
Others: RST report plus the CQ-ZONE number 01 to 40.
*Reminder; contest exchange is different between PH and CW contest.

5. POINTS:
Only contacts between JA and DX are worth contest points.
(DX-DX or JA-JA contacts are no point or no multi.)
1.9MHz ..... 4 points
3.8MHz ..... 2 points
7MHz, 14MHz and 21MHz..... 1 point
28MHz..... 2 Points

/QRP ..... X 2 (Bonus Multi)
Multiply original points by 2 with QRP stations.
(ex; QSO with /QRP on 28MHz is 2X2=4, on 1.9 is 4X2=8)

The same station may be worked only once per band.
No crossmode, crossband nor repeater contacts are allowed.

6. MULTIPLIER:
JAs : The number of different DXCC country (except JD1) and
CQ Zones worked on each band.
Others : The number of different Japanese Prefecture plus Ogasawara
Is.(JD1), Minami-Torishima Is.(JD1) and Okino-Torishima Is.
worked on each band. Maximum of 50 per band.

7. SCORING:
The final score is the result of the
(Total QSO points) multiplied by (Total multiplier).
Ex. 100 QSO points x 59 multi = 5,900

8. LOG INSTRUCTIONS:
8-1. All times must be in GMT.
8-2. All sent and received exchanges are to be logged.
8-3. Indicate the new multiplier(prefecture) only the FIRST TIME
it is worked on each band.
8-4. Duplicate contacts on same band must be clearly shown and
marked as 0 QSO point.
8-5. Electronic Log:
Disk log; IBM, MS-DOS compatible disks are accepted only with
the printed summary sheet. The LOG format must meets the
"ARRL Suggested Standard File Format For Submission of Contest
Log Data".
Email Log; Request to send the instructions to the email address

indicated below with the word "#get eleclog.eng" in the body of
the message.
jidx-info@dumpty.nal.go.jp (For information request only)
Then you'll receive the instructions by email.
8-6. Use a separate sheet for each band.
8-7. Each entry must be accompanied by a summary sheet showing all
scoring information, class of entries, name and address in BLOCK
LETTERS, and a signed declaration that all contest rules and
regulations for amateur radio in the country of operation have
been observed.
8-8. The 18 hour non-operating periods must be clearly shown in
the summary sheet.
8-9. All entrants are required to submit dupe-check sheets (an
alphabetical list of calls worked) for each band on which 200
or more QSOs were made.

9. PLAQUES:
Plaques will be awarded to the winner in each class in each continent,
Japan, Zone 3/4/5 and World.

10.AWARDS:
First place certificates will be awarded in each class in every country
and in each call area of the USA.

11.SPECIAL CONTEST AWARD:
Any entrants who worked all Japanese prefectures (01 to 47) during
the contest period can request a Special Contest Award with the
separate worked list with free of charge.
Stations callsign, time, band must be indicated ordered prefecture
number in the list.

12.REPORTING:
A original log and a summary sheet will be requested with a SAE
+ one IRC but any log forms will be accepted.
All entries must be postmarked no later than 30th April and
they should be sent to
JIDX contest "LFCW"/"HFCW", c/o FIVE-NINE MAGAZINE
P.O.Box 59, Kamata, Tokyo, 144 Japan
The contest results will be sent with one IRC and SAE.

Email log submissions will be judged with the time stamp of the
email and it should be sent to;
jidx-log@dumpty.nal.go.jp (Log submissions only)
The acknowledgment will be sent when the email log is received.
The result also will be sent by email.

13.DISQUALIFICATION:
Violation of the contest rules.
False statement in the report.
The decisions of the JIDX contest committee are final.

[end]

Tetsuya Hirose, JN1MSO

4535. Re: Next 2x2 CA call?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: rec@primenet.com
Message-ID: <3lg030$5f6@news.primenet.com>
Source record: 249574

Zack Widup (w9sz@prairienet.org) wrote:

: >Will they skip the KP's and go to KQ? Are all the KP4's 2x3 calls, so a KP4xx
: >2x2 call will still be unique? Will CA move on to KP6, but 4-land skip it and
: >go right to KQ4AA?

: Well, they didn't skip the KC6's (KC6X2 calls are currently assigned to
: Belau (Palau)). This has led to some confusion!

: I'll bet they do assign KP6 calls!

According to the 11-1-87 edition of the ARRL publication "FCC Rule Book"
on page 3-14, it says:

"The following prefixes will not be assigned to stations in the
contigious 48 states: KH KL KP NH NL NP WH WL WP. If they are going to
assign KP6 calls, then they should have assigned KL6 calls. There are no
KL6 calls.... I think they are going to skip KP6 and go to KQ6.

KN6XD

--
==========
rec@recnet.com
rec@primenet.com
==========

4536. Re: Talking multimeters?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: khorton@tech.iupui.edu
Message-ID: <3lggqb$9rk@aim.tech.iupui.edu>
Source record: 249575
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics

Robert Edward (edwar029@maroon.tc.umn.edu) wrote:
-> A blind friend of mine wants to purchase a voice-synthesized multimeter.
-> Does anyone know who manufactures these devices, and where to obtain one?

Believe it or not, Radio Shack has (or had) such a device for $99.
I saw a review on it a few years ago. Unfortunately, it has to
use a special probe that has a button on it. (for blind people, this
is a way of distinguishing them, tho). A few weeks ago I saw one on
clearance at the local Radio Shaft for $69. I should've picked it
up. Oh well. Maybe I'll see one again at the local hamfest? (Dayton
Hamvention in April! Whoohooo!!)

--
```
---------------------------------------------------------------------
| \_ \_ \_\_\_ \_ \_ \_ \_ \_ B5(6) t w g+ s-- r- |
| \_\_ \_\_ \_\_ \_ \_\_\_ &h48,&h65,&h6C,&h6C,&h6F,&h21 |
| \_ \_ \_\_\_ \_ \_ \_ \_ __ khorton@tech.iupui.edu __ |
| "It's 5:50 AM. Do you know \/__Can *YOU* write 8085__\/ |
| where your stack pointer is?" \/ assembly? \/ |
---------------------------------------------------------------------
```

4537. WTB: Knwd SP-430 Spkr

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: lstolz@freenet.columbus.oh.us
Message-ID: <3lgunr$m66@acme.freenet.columbus.oh.us>
Source record: 249576
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking for a good condition Kenwood SP-430 speaker. If you have one
or know where I can obtain one, please reply with condition and price.

Thanks,
--
Lynn Stolz N8AJ --lstolz@freenet.columbus.oh.us

4538. Re: How long for new ticket?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: faunt@netcom19.netcom.com
Message-ID: <FAUNT.95Mar30214309@netcom19.netcom.com>
Source record: 249577

I just heard of a report of someone who got his brand new call in four days.

I upgraded on the 4th and the FCC told me today that the upgrade took effect on Tuesday the 28th, and the paper would be put in the mail on Friday the 31st.
73, doug

4539. HAM Radio... How far?'

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: KOSER@ix.netcom.com
Message-ID: <3lg5e9$84u@ixnews3.ix.netcom.com>
Source record: 249578

I have a question on HAM Radio... I know that it's world-wide, but could it be a good communication tool for a person in Korea and in Boston? Would it work over 90% of time?

4540. Re: Mentally Challenged Commentator on Infoworld Writer

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: drayegon@america.com
Message-ID: <NEWTNews.20502.796632904.drayegon@drayegon.america.com>
Source record: 249579

> eac@shore.net writes:

> >I do not mean to demean every Extra as I know some that are okay people but
> >they seem to be exceptions (maybe they guessed the answers on the CW test).

> IMO they aren't really Extras if they chose to take the Q&A version code
> test, for one doesn't need to really copy 20wpm to `fill in the blanks'.
> *Copying 20wpm* means one minute of error-free copy at 20wpm. Period.

> Ducking the incoming rocks,
> Jeff NH6IL

Maybe they sent the code. or maybe during that five minutes they hit all the
right keys on a type writer. Hey if you type enough maybe something you say
will make sense.right hihihi
Ray AD4RR

4541. Re: AM vs. FM -> Aircraft?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3lg92g$1fso@info4.rus.uni-stuttgart.de>
Source record: 249580

>I think the more plausible reason I've heard is that the embedded base of
>AM radios in aircraft is so great that the FAA has never seriously considered
>moving to another modulation scheme.

Oh, please stop this,

This discussion has been going on for weeks, and whenever the issue has
setteled for a few days someone digs it up from some newsreader that
seemingly keeps stuff for ages.

There are very good reasons for keeping AM with aircraft radio.
for this application it is just better.

73, Moritz DL5UH

4542. Re: How much power is enough?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796669911@melpar>
Source record: 249581

mwhite@mitre.org (Michael White) writes:

>pruth@ocvaxa.cc.oberlin.edu wrote:

>> I've acquired an HF station which came with an amp/autotuner which
>> delivers 600 watts output 80-10m. The transceiver can put out 100w.
>> How much need would I have of 600w...

>contact and not; sometimes yes, sometimes no. My own experience, after
>running both high power and low, is that you can do almost as well, and
>have just as much fun, with 100 watts; it's cheaper, you don't nuke your
>neighbor's tv set, and it's more sporting to boot. It's your decision, of

I pretty much agree with Mike; for general HF operation, 100 watts
is plenty. I chase DX on CW and can usually hold my own, even in pileups;
technique is much more important than power. Granted, if I try to check
into a SSB traffic net on 75 meters, some nights I do fine and other nights
I get clobbered, but then I'm not heavy into traffic. IMO, the main reasons
to run high power on HF are:

1) You're NCS on a traffic net. Having high power enables the NCS to
better "control" the net frequency under adverse conditions.

2) You're a DXer with 200+ countries confirmed, but for whatever
reason you can't build up a suitable tower and "yagi or quad"
farm to give your 100 watts that extra "boost" you need to go
the rarer countries;

3) You're a DXer with big antennas but you're trying to get those
last 25 or 30 countries so you can make the DXCC Honor Roll;

4) You're an *avid* contester who isn't satisfied unless you can
win the SS or CQWW or whatever;

5) You have a serious personality defect which causes you to want
to stroke your own ego by blowing everyone else way with RF.

Well, OK, #5 is really sort of "tongue in cheek," but there really
are some folks like that around.

And remember, a lot of people do *very* well, thank you, and in fact
are more turned on by the challenge of, QRP! (I've got 35 states that
way so far). But 100 watts is a nice power level for the average ham with
an average antenna (multiband dipole, windom, or vertical) to use.

73,

Paul, K4MSG

4543. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796644318.AA00963@hamlink.mn.org>
Source record: 249582

OO>
OO>Recently I listened in to some HF phone contesting, and (being new
OO>to ham radio) left with this question:
OO>
OO>What is the content of the brief responses to the CQ's?
OO>

The exchange depends on the specific contest. In some you send a signal report and a serial number, in others a signal report and your ARRL section, in others a signal report and your CQ Zone, etc., etc. The rules for any particular contest are usually published in QST and CQ a month or two prior to the test.

Lacking subscriptions, just jump on an ask. Participants will be more than eager to add you to the log and give a quick explanation of what to send.

73, de Hans, K0HB

4544. Re: How long for new ticke

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796644318.AA00964@hamlink.mn.org>
Source record: 249583

SS>called the 800 number after eleven days. They told me that they had
SS>just processed the license that day and cheerfully gave me my call
SS>sign. Lucky timing on my part.
SS>
SS>Sam, KL5NMY

Sam, you may wish to call them again and confirm the call. Perhaps
you mis-typed, but that "L" should be some lower letter, perhaps
"B" or "C".

73, de Hans, K0HB

4545. Re: Talking multimeters?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: edwar029@maroon.tc.umn.edu
Message-ID: <edwar029-3103951138350001@dialup-2-134.gw.umn.edu>
Source record: 249584

In article <9503310011592.The_Win-D.rickmcm@delphi.com>,
rickmcm@delphi.com (Rick McMillion) wrote:

> Radio Shack used to sell one. I don't know if they have it in their current
> catalog or
> not.

No, it has been discontinued. Does anyone know who manufactured that
multimeter for Radio Shack?

4546. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Mar31123509@mipgsun.mipg.upenn.edu>
Source record: 249585

>There's absolutely no reason to return to that sort of nightmare.
>The system we are operating under now *is not broke*.

While I am not saying that the system is broken that repeater licensing with all sorts of requirements is required, I do say that the current system has some significant flaws. Specifically, I mean the existence of paper repeaters. In many populated parts of the country, there simply aren't any free frequency pairs available. This is not to say that there are repeaters at every pair.

--
Medical Image Processing Group | 73 de Conway Yee, N2JWQ | DON'T
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu | TREAD
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780 | ON
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145 | ME!

4547. Re: How much power is enough?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3lhcnn$1b5r@info4.rus.uni-stuttgart.de>
Source record: 249586

How much power is enough?

Well, legal max of course. Life is too short for QRP!

73, Moritz DL5UH :-)

4548. Re: Which TNC is the best to buy presently?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <3lga91$16cd@info4.rus.uni-stuttgart.de>
Source record: 249587

In article <3l00eq$m8i@goudron.gel.ulaval.ca>,
Vincent Simard <simard01@gel.ulaval.ca> wrote:
> I would like to begin a packet station and I would like to know
>which TNC are you using.... Do you like it? Does it work properly?

I am using a Baycom modem. Some people dont like it, but it works
great and costs only the fraction of the price of a TNC.
There is also a variety of software for it. It does, however
require a 286 or better a 386.

73, Moritz DL5UH

4549. VHF/UHF EME/Weak Signal Info

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.796663632@melpar>
Source record: 249588

Following up on a previous post: Zack, KH6CP, is correct
that CW EME is between 144.0 & 144.05, and that also follows the
ARRL Band Plan for 2 meters.

While the ARRL Band Plan isn't "cast in concrete," it is a
useful starting point. Here's how the bottom end of the band
is "allotted:"

144.0-144.05 EME (CW)
144.05-144.1 General CW/weak signal
144.1-144.2 EME/weak signal SSB
144.20 National Calling Frequency
144.2-144.275 General SSB operation
144.275-144.3 Propagation beacons
etc.

Last night, I chatted with Ron, WZ1V (CT, FN31) on 2 meter SSB and
asked him about the frequencies most used for meteor scatter (ms). Ron
said that on SSB, he generally tried to stay within 144.15-144.18 or
144.24-144.26, to avoid cluttering up the area close to the calling
frequency (144.2).

For those wishing to pursue VHF/UHF weak signal and/or EME work,
I recommend subcribing to the N.E.W.S. Letter of the North East Weak
Signal Group. Drop a note to North East Weak Signal Group, c/o N1DPM,
Fred M. Stefanik, 50 Witheridge Road, Feeding Hills, MA 01030.

As a final note, Dowe East Microwave is under new ownership and
is in a new location. The new address is:

Down East Microwave, Inc.
954, CR 519
Frenchtown, NJ 08825

New owner is Steve Kostro, N2CEI; telephone # is (908) 996-3584

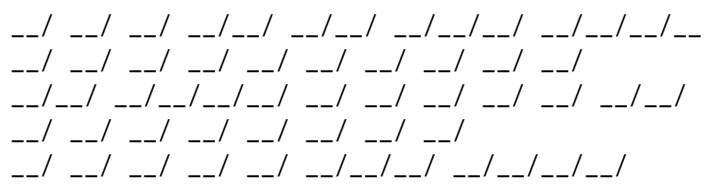
Dave Olean, K1WHS, has taken over the antenna portion of the
business from DEM and now does business as:

Directive Systems
RR1, Box 282
West Lebanon, ME 04027
telephone: (207) 658-7758

Hope all of the above is helpful to any current or budding VHF+
enthusiasts.

73,

Paul, K4MSG (FM19ee)



(|_|) Paul H. Bock, Jr. K4MSG Internet: pbock@melpar.esys.com
| |) Principal Systems Engineer Telephone: (703) 560-5000 x2062

4550. Re: ARRL Membership

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-3103951014030001@fw1.dfw.net>
Source record: 249589

In article <3lfopj$2ub@grape.epix.net>, gandalf@news.epix.net (Async User) wrote:

> As a new Ham I was bombarded with all kinds of junk - including an ARRL
> membership form. As a teenager 25$ isn't exactly the first thing I find
> in my back pocket. Is the ARRL worth it?

It depends on what you're looking for. For your money, you get a subscription to QST (which will run you more than that if you buy it on the news stand), ability to use the ARRL Outgoing QSL Bureau (the incoming bureau, which is partially funded by membership fees, is available to all hams, ARRL members or not, but the outgoing bureau is just for ARRL members), eligibility for the various operating awards like DXCC that require ARRL membership, and a few other members-only things.

Can you enjoy ham radio without an ARRL membership? Of course!

I personally consider ARRL membership a pretty good deal, and both my XYL and I are members... your mileage may vary.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

4551. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar31.162228.1515@ke4zv.atl.ga.us>
Source record: 249590

In article <3lc1n2$8bb@uuneo.neosoft.com> jreese@neosoft.com (James Reese) writes:
>I'm curious why you are opposed to repeater licensing. I don't
>remember it being that big a deal when it was in place before. The
>application was complicated, but not overly. Comments?

It was complex, and you were swearing to everything you entered on
that form. It was as official as a 1040 to the IRS, and as subject
to penalties. Are you *sure* the uV contours you filed on your pattern
radials were accurate? I'm not, even though I borrowed professional
equipment to do them. But not only was it complex, it had to be refiled
if you wanted to make modifications to the repeater system. Even
reconfiguring auxillary links couldn't be done until FCC approval
was obtained. Portable repeaters for emergency use simply weren't
licensable. Everything you did had to go through the FCC paper
mill before you could do it.

If you were just maintaining a simple squawk box, it wasn't too
bad. But if you were maintaining a linked system, or doing any
kind of experimental work, forget it. It took months to get
clearance for the simplest changes to the system network diagram.

There's absolutely no reason to return to that sort of nightmare.
The system we are operating under now *is not broke*. There's
no reason to draw the government back into separate repeater
licensing. The primary call sign of the owner is sufficient
identification of any repeater he may wish to construct and
operate.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4552. Re: ARRL Membership

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <3lhk1d$76h@vixen.cso.uiuc.edu>
Source record: 249591

In a previous article, gary@ke4zv.atl.ga.us (Gary Coffman) says:

>In article <3lfopj$2ub@grape.epix.net> gandalf@news.epix.net (Async User) writes:
>>As a new Ham I was bombarded with all kinds of junk - including an ARRL
>>membership form. As a teenager 25$ isn't exactly the first thing I find
>>in my back pocket. Is the ARRL worth it? Forgive me if I sound stupid or
>>anything but like I said ... I'm new.
>
>Dues are scheduled to increase to $31 if they haven't already. Consider
>it a cheap magazine subscription. There aren't many monthly magazines
>you can get for $31 anymore. Plus there's the membership services offered
>by the ARRL, and you will have a voice in the largest US ham organization.
>Yeah, it's worth it.
>
>Gary
>

I guess it's what you're into! My ARRL membership alone has saved me
hundreds of dollars in being able to send DX QSLs via the outgoing
bureau. And I have built many many things which appeared in QST.

I think $31 would still be a steal!

Zack W9SZ

4553. Re: Part 15 Subjectibility??

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar31.164007.1662@ke4zv.atl.ga.us>
Source record: 249592

In article <1995Mar30.125501.20035@arrl.org> ehare@arrl.org (Ed Hare (KA1CV)) writes:
>: Anything with a computing device needs Part 15 certification (at
>: least for now, the FCC has announced plans to relax that).
>
>Actually, only non-industrial "personal computers and peripherals" need to
>be certificated. In certification, the manufacturer sends test results to the
>FCC and the approval and ID number is based on the FCC's inspection of the
>test results. The FCC usually wants to see testing done by a lab the FCC
>believes is competent.

Is that true? I thought Class A computing devices required certification
as well, just that the emission standards they had to meet were less strict.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4554. Re: Q: How to ring telephone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar31.165424.1858@ke4zv.atl.ga.us>
Source record: 249593

In article <4jT0sT600iVC02Brsd@andrew.cmu.edu> "Mark L. Nagurka" <mln+@andrew.cmu.edu> writes:
>Anyone out there know what voltage, current, signal, is needed and which
>wires are used to make a telephone to ring? I would like to build a
>little modem like device with a switch I can activate to get my phone to
>ring ... to help get people me out of my office ...
>Best, Mark (WA3RMV)

Best I can remember, ring voltage is about 60 to 90 volts at 20 Hz AC
on the red/green pair, IE between tip and ring, of a plain old telephone.
It'll make you jump and swear if someone calls you while you're working
on the phone wiring.

If you have a keyset on a PBX, it may work completely differently than
POTS phones. Some of them are digital right to the phone and introducing
a high ring voltage can fry them. If you don't know, ask if you can use
a modem on your office line. If you can, it's POTS.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4555. Re: Butternut HF2V self-supporting?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar31.170225.1972@ke4zv.atl.ga.us>
Source record: 249594

In article <9503311004.ZM20879@SALCIUS2> Wayne_Estes@csg.mot.com (Wayne_Estes) writes:
>Anyone want to help me bury 600 feet of radial wires? (just kidding)

Build or rent a wire plow. It should take about an hour to bury 600 feet
of radial wire.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4556. Re: ARRL Membership

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Mar31.170945.2103@ke4zv.atl.ga.us>
Source record: 249595

In article <3lfopj$2ub@grape.epix.net> gandalf@news.epix.net (Async User) writes:
>As a new Ham I was bombarded with all kinds of junk - including an ARRL
>membership form. As a teenager 25$ isn't exactly the first thing I find
>in my back pocket. Is the ARRL worth it? Forgive me if I sound stupid or
>anything but like I said ... I'm new.

Dues are scheduled to increase to $31 if they haven't already. Consider
it a cheap magazine subscription. There aren't many monthly magazines
you can get for $31 anymore. Plus there's the membership services offered
by the ARRL, and you will have a voice in the largest US ham organization.
Yeah, it's worth it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4557. Re: How much power is enough?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: blifter@ccd.harris.com
Message-ID: <3lh4c3$dth@babylon5.ccd.harris.com>
Source record: 249596

pruth@ocvaxa.cc.oberlin.edu wrote:
: I've acquired an HF station which came with an amp/autotuner which
: delivers 600 watts output 80-10m. The transceiver can put out 100w.
: How much need would I have of 600w especially if I want to 'work the
: world'? I really didn't plan on acquiring the amp, but now that I
: have it, should I keep it, or would I do okay without? I plan to
: use the Butternut 80-10m vertical that came with the setup until I
: find some real estate where I can string up lots of long dipoles.
: I'm new to HF, and your expert advice will be greatly appreciated.
: Please respond via e-mail. 73 de Bill, KB8USZ
: pruth@ocvaxa.cc.oberlin.edu

I have been able to work most every thing I can hear with 100 watts on ssb. 600w is just under 8 db over the 100w. An S-meter unit is about 6db. If the station was hearing you S5 at 100w, he would hear you at about S6 running 600w. The only time this will make much difference is during a large pile-up or if you are just above the noise.

My advice is to optimize your antennas before running high power. If you can't hear them, then you can't work them.

73, Bruce AD4TG

--
Bruce Lifter
Harris Corporation MS: R5-202
Controls Division email: blifter@ccd.harris.com

4558. USCG Terminates HF CW Operations

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: gttm@cais3.cais.com
Message-ID: <3lhhnk$4bs@news.cais.com>
Source record: 249597

At 0000Z April 1, 1995, the US Coast Guard will make its final HF CW transmission on window frequencies of 8471, 12718.5, and 16976 kHz. Anyone receiving the text of this final transmission may send a copy of the text received to the the Master Area Station in Chesapeake, VA, and will receive a special QSL card commemorating the end of an era. The Master Area Station in Guam will continue HF CW operations until further notice; however, all HF CW operations from USCG will terminate after the final transmission on April 1. The complete address of the Chesapeake station will be included in the text of the final transmission.

Ron, W4VR, USCG Telecommunications Management Division
--
+ COAST GUARD COMMUNICATIONS +
| |
| Telephone: (202) 267-2860 U.S. Coast Guard (G-TTM) |
| Fax: (202) 267-4106 Washington DC 20593 |
| Internet: CGComms/g-t07@cgsmtp.comdt.uscg.mil |
+---+

4559. Re: Why contest?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <1995Mar31.190412.2987@liberty.uc.wlu.edu>
Source record: 249598

Mike Chaloner (mikech@hysteria.bri.hp.com) wrote:
: Tell a newbie this...

: Does one QSL to stations contacted in a contest?

: ..... Mike G0UGR

Without a question, usually...

Then again....does one get QSL cards for a DX QSO, not always

Rich KI6ZH

4560. Re: Next 2x2 CA call?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: mark@ERA.COM
Message-ID: <MARK.95Mar31130510@pooh.era.com>
Source record: 249599

On rec.radio.amateur.misc, rec@primenet.com (Rich Eagles) posts:
>
> : I'll bet they do assign KP6 calls!
>
> According to the 11-1-87 edition of the ARRL publication "FCC Rule Book"
> on page 3-14, it says:
>
> "The following prefixes will not be assigned to stations in the
> contigious 48 states: KH KL KP NH NL NP WH WL WP. If they are going to
> assign KP6 calls, then they should have assigned KL6 calls. There are no
> KL6 calls.... I think they are going to skip KP6 and go to KQ6.
>
> KN6XD

Very good bet. They skipped the KPs in the 4th call district in 2x2s
and 2x1s, so odds are real good they'll do it in six-land. Heck,
we're almost out of KS4s.

- Mark

....
: Mark A. Feit, KR4FH : Engineering Research Associates :
: mark@era.com ...!uunet!era!mark : Advanced Communications Division :
....
"Rock journalism is people who can't write interviewing people who
can't talk for people who can't read." -- Frank Zappa, 1940-1993

4561. Re: NO CODE TECHS GETTING THE SHAFT ON LOCAL REPEATER

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: smp@agape.sol.net
Message-ID: <796617157.82snx@agape.sol.net>
Source record: 249600

In article <3l6fh4$2ir@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu writes:
>Actually, they should have named the license class the
>Codeless "I always have an excuse not to do the code" Technician.
>
>You found time to study the theory, didn't you?

As a person who never got his license because he hated the code, when the No-Code came around I wasn't paying attention. It was pointed out to me last fall, so I took the shot and got my license in late October. I loved 2m and 220Mhz. It was great, I was finally doing what I had wanted to do.

Then I hooked up with a group of guys who pointed out to me that I should try the code. I dismissed the idea at first, but started to play around with it.

By the early part of March, this month, I got my Extra ticket. But you know what, I would have never gotten involved without the no-code being in place. That's not the worst, though. I could have done it without the no-code, but I didn't. That's not bad either, you probably would never have missed me.

I guess what it all comes down to is the fact that there is so much to explore in the hobby, that some people may never leave the confines of VHF/UHF above 30Mhz. You could be an Extra and *STILL* never leave those confines. If no-code covers the modes and bands they want to use, there is no incentive or reason for them to upgrade.

73 de N9YTY (Steve)

4562. Re: HTX-202 and 10..er...2000Watts

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: rickmcm@delphi.com
Message-ID: <9503310011591.The_Win-D.rickmcm@delphi.com>
Source record: 249601

>
> >We hooked the HTX-202 up to my
> >cigarette lighter and using a VERY GENEROUS watt meter (Radio Shack 2m
> >variety), the radio did 5.7Watts.
>
> It was very GENEROUS of the folks at RS to let you take their HT out to
> the car and play with it. Have you checked your antenna system lately?
>
> >This was at high idle with no other electrical devices in operation
> >on the vehicle.
>
> Why would this matter? If the vehicle was at high idle, do you really
> think it would matter if you had the sterio on? The HTX-202 only draws
> 1.55 amps at that voltage. Do you realize how many amps are available
> when the car is running? Now I *really* suspect your findings.
>
> ============================(An average SIG)==================================
> | |
> | horak@convex.com - ~ (An average address) |
> | N5OFQ o O (An average call) |
> | David Horak '' (Not an average Dave) |
> | Plano, Texas /======\ (Not an average plain-O town :-) |
> | |
> ============================(An average SIG)==================================
>
Yeah, he made a typo error. What he really meant to say was that the HTX-202
was putting out 57 watts.

Those R/S rigs are pretty efficient. They put out 57 watts at 1.55 amps at
13.8 volts, not too bad. I just can't wait to hear about their new mobile
rig.

Rick

4563. Talking multimeters?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: rickmcm@delphi.com
Message-ID: <9503310011592.The_Win-D.rickmcm@delphi.com>
Source record: 249602

In article <edwar029-2903951108460001@dialup-3-230.gw.umn.edu>, edwar029@maroon.tc.umn.edu (Robert Edward) writes: > A blind friend of mine wants to purchase a voice-synthesized multimeter.
> Does anyone know who manufactures these devices, and where to obtain one?
>
>
> Thanks!
>
> Robert Edward
> edwar029@maroon.tc.umn.edu
>

Radio Shack used to sell one. I don't know if they have it in their current catalog or
not.

Rick

4564. Re: Q: How to ring telephone?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: cramer@mksol.dseg.ti.com
Message-ID: <3lhts3$j9c@mksrv1.dseg.ti.com>
Source record: 249603

Mark L. Nagurka (mln+@andrew.cmu.edu) wrote:
: Anyone out there know what voltage, current, signal, is needed and which
: wires are used to make a telephone to ring? I would like to build a
: little modem like device with a switch I can activate to get my phone to
: ring ... to help get people me out of my office ...
: Best, Mark (WA3RMV)

I think that it is 90v/20hz ac. Low current of course.
I can check my telecomunications handbook if nobody else posts a solid answer
by Monday.

Norm WD2AEM
cramer@dseg.ti.com

4565. GRUNDIG-MAJESTIC ?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: slaghole@ix.netcom.com
Message-ID: <3lg39h$76a@ixnews3.ix.netcom.com>
Source record: 249604

I have a GRUNDIG-MAJESTIC 4079 wooden table top radio
At least 35 years old, but still works and looks good.
It's stamped made in Germany,has lw-bc-sw-fm bands
I would like to know what it's worth.

please post or email

thanks
pat
slaghole@ix.netcomm,com

4566. Reminder JIDX HF CW contest

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: je1cka@dumpty.nal.go.JP
Message-ID: <9503311027.AA17658@dumpty.nal.go.jp>
Source record: 249605

From the JIDX Contest Committee

We forwarded mis-guided contest information to several magazines
(QST etc) and that causing some confusion. Sorry for the problem.

========
1995 JAPAN INTERNATIONAL DX "CW" CONTEST

OBJECTIVE: For amateurs around the world to contact JA
stations in as many JA prefectures as possible.

1. CONTEST PERIOD:
High Bands
Starts: Apr. 7(Friday) 1995 2300 UTC
Ends : Apr. 9(Sunday) 1995 2300 UTC

===
To get the JIDX Contest rule and past results, send the "help"
in the body (not the subject line) of an email message to
jidx-info@dumpty.nal.go.jp
You'll get the help file.

Tack JE1CKA

4567. Re: Possible Repeater Licensing Proposals...

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: bote@access1.digex.net
Message-ID: <bote.796633097@access1>
Source record: 249606

joejarre@netcom.com (Joe Jarrett) writes:
>Walter Reid Fletcher (fletcher@moho.uwyo.EDU) wrote:
>: This is a request for any information having to do with any current or known
>: upcoming proposals -to- or -by- the FCC with regard to specific licensing of
>: amateur stations in repeater service.

>There are several things cooking right now with respect to Repeater
>coordination and yes, it's possible the reinstatement of licensing of
>repeaters could come out of it. To my knowledge, however, this is only a
>discussion point right now with no firm proposals being made. It's not
>clear how favorable the FCC would be to such a change.

If it means more work or less revenue for the F.C.C.,
you can be sure it will die a quiet death. If it
means more revenue, they will snap to and listen.

I did see a memo recently suggesting that towers
might need to get registrations of some kind. It
looked more like a paperwork burden than anything,
and something which coordinators might need to
record for reference purposes. I don't know any
more than that.

One guideline: if it came from Washington, D.C.
it is likely a bone-headed idea.

73, QRT, over and out.

--

rec.nude: In need of moderation, or a moderator.
finger bote@access.digex.net for PGP key to encrypt email to me.

4568. Re: QSL ROUTE on IK4LZH Server: report

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: I121171@relay.telecom.it
Message-ID: <3lh5hv$nk3@sgi.iunet.it>
Source record: 249607

```
-----SUBSCRIBE THE 425 DX NEWS BULLETIN FROM ITALY FOR SERIOUS DXERS ----

To subscribe please send e-mail with message in body:

SUBSCRIBE 425 DX NEWS <Your E-Mail>

To unsubscribe please send e-mail with message in body :

UNSUBSCRIBE 425 DX NEWS <Your E-Mail>

================================================================
The bulletin is also available every Sunday evening calling Trance *free* BBS
in Italy (+39-11-482751 24hrs 28,8 bps).
```

4569. Re: Super Morse 4.15?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: I121171@relay.telecom.it
Message-ID: <3lh5kr$nk3@sgi.iunet.it>
Source record: 249608

-----SUBSCRIBE THE 425 DX NEWS BULLETIN FROM ITALY FOR SERIOUS DXERS ----

To subscribe please send e-mail with message in body:

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To unsubscribe please send e-mail with message in body :

UNSUBSCRIBE 425 DX NEWS <Your E-Mail>

==========
The bulletin is also available every Sunday evening calling Trance *free* BBS
in Italy (+39-11-482751 24hrs 28,8 bps).

4570. Field Day question

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: rrossi@VNET.IBM.COM
Message-ID: <199503312247.OAA27663@UCSD.EDU>
Source record: 249609

Rich Moseson, NW2L wrote:

>>>>How about the more general question: anyone, licensed or not,
>>may talk on the mike of an amateur station, provided the
>>station is under the control of a properly licensed operator.

>>Is this true also of CW? I.e., may an unlicensed person operate
>>the key of an amateur station provided the properly licensed
>>operator in control of the station is present?<<

>>Yes - provided, of course, that the person knows how to send Morse Code,
>>and (same rule as for voice) that the contact is domestic or with a
>>station in a country with which the US has a third-party agreement, sinc
>>a non-licensed person at the mic or key is considered a 3rd party.

As is a licensed operator operating outside of his or her privledges.

73 de N1PBT...Ron (rrossi@vnet.ibm.com)

4571. ARRL Files petition against FCC with FCC!!!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <ko4ta.181.01568679@mindspring.com>
Source record: 249610

It seems the ARRL has filed a petition to the FCC against the FCC.

You may view the petition in it's unedited form on the home page of the "BEST OF NET" Home page listed below...

73

Sincerely,

Don Simpson ko4ta@mindspring.com

World Wide Web Home page of the "Best of 75 Net"
http://www.mindspring.com/~ko4ta/bestofnet.html

Security/Fire Systems for Sale
http://www.mindspring.com/~ko4ta/alarm.html

```
+_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_- +
|"All Men Do not have to agree."|
| Amateur Radio Call "KO4TA" |
| Woodstock, Ga. |
+-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-_-+
```

4572. Re: Contest-free freqs

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: zardoz@ornews.intel.com
Message-ID: <3lhrsh$qsc@ornews.intel.com>
Source record: 249611

Contesting is similar to religeon. Either you've got it or you don't. Not being afflicted with this particular malidy, I have little use for these creatures with their brusque demeanor and fallacious signal reports. I've observed a couple of effective methods for containment and control of the vermin:

Get on there in the middle of them and call 'CQ RAGCHEW'. I've answered several of these cries in the chaos and we usually had pretty good chats, although challenging at times. This is the only time I've ever used an amp on 10 meters except for testing.

Actively police the WARC bands. I've heard contesters aggressively chased off the 12 meter band on a few occasions. I've also heard vain attempts to clear out contesters from the DX window (3.79-3.8 Mhz) on 75 meters. Weak signals apparently don't count with contesters who can only give out 5X9 reports.

Use AM modulation. Contesting on 10 meters is what drove me to listen to other areas in the band and discover the AM'ers at 29.0-29.1 Mhz. Unfortunately its not legal to open up with my DX-100 in the 28.3-28.5 Mhz area. That's all right, they can have it.

For the really seriously challenged who take their hobby seriously:

:-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-) :-)

Come on! Its only a hobby! One of the nicest things about amateur radio is that it only takes a quick twist of the wrist to turn it off, go outside, and GET A LIFE!
--
zardoz@ornews.intel.com WA7LDV Greetings and Hallucinations
I speak only for myself... I come in peace...

4573. Re: HTX-202 10 Watts!

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: aa2du@netcom.com
Message-ID: <aa2duD6Bp1I.Mry@netcom.com>
Source record: 249612

David Feldman (dgf@netcom.com) wrote:

: Why mess around with 2M FM? Why out here in the west, our club station
: is a Cadillac El Dorado four-door, with not one but _FOUR_ ten-foot
: towers (one at each corner), and four TS-50's, one in front of each
: seat. Just wait until you hear our booming "multi multi mobile"
: signal in the next DX contest!

Since when do they make a FOUR door Eldorado? Everyone knows that the only
way to get a REAL mobile signal is to tow the KW behind the four door
Cadillac Fleetwod Brougham!

73, J.P. AA2DU
--
****
J.P. Kleinhaus, AA2DU
ARRL Hudson Division C.A.C. Representative
E-mail: aa2du@netcom.com
aa2du@aa2du.slip.netcom.com
Compu$erve: 74660,2606

TVI?? What TVI??!
****

4574. PHD Kansas City Convention/Hamfest May 20, 1995

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Mar31.165715.89118@kuhub.cc.ukans.edu>
Source record: 249613

1995 PHD AMATEUR RADIO CONVENTION
SATURDAY MAY 20, 1995
Kansas City Market Center, I-435 & Front Street
talkin 146.34/94

0730 Exhibitors move in; 0830 Open to all
Admission $7.00 at the door, 12 and under no charge
Walkin registration open 0745 Saturday morning.
Handicap Parking South of Main Entrance

Schedule below

Advance Registration Form:

1995 PHD KC MIDWEST AMATEUR RADIO
CONVENTION REGISTRATION
SATURDAY, MAY 20, 1995

Number Amount

Registration @ $6.00 ______ ______
(admission)

Swap tables 8'X 30" (does not @ $10.00 ______ ______
include admission)Odd number of
tables 13 thru 19 available in blocks.
Tell us how you want our tables,
straight line or back to back, or
end cap includes one 6' table rest 8',
your choice
_____

Electricity, 120V AC @ $30.00 ______
you may use one plug-in strip.

You may share plug with someone @ $15.00 ______

Total Amount ______

Use a separate sheet of paper to list names and calls for badges.

Call_____ Name_____

Phone ( ) _____-_____

Address_____

City_____ State____ Zip_____-____

All table registrations received by May 8th will be honored, tables after May 8th, available on a first come basis. All registrations at the door will be $7.00 each, age 12 and under no charge. If you should want your tables next to someone, let us know who? I would like my tables next to:

Make all checks to PHD KC Convention and mail to:
PHD, PO Box 11, Liberty, MO 64068-0011.
All registrations and badges will be returned postpaid by First Class mail, if received by May 8, 1995. Those received after May 8th, will be held at the door!

--------- end of advance registration form -------

SCHEDULE:

Friday May 19, 1400 to 2000 Open for Exhibitors to move in. Pick up registrations & purchase new Registrations.

Saturday May 20

0730 Open for exhibitors to move in.

0830 Open to all

0845 "Youth Forum" Mr. Robert Inderbitzen, NQ1R, of the ARRL Educational Staff will host the Forum. Those attending will be invited to take part. Those 16 years and under receive a free pass to the Convention.

1000 "Stealth-Invisible Antennas" Mr. Dean Straw, N6BV, Senior Technical Editor, QST.

1015 "Educational Seminar" Mr. Robert Inderbitzen, NQ1R. Those teaching in the schools and amateurs teaching amateur radio are welcome. This Seminar the past two years has proved to be well received.

1115 ARRL Forum, Mr. Lew Gordon, K4VX, Midwest ARRL Director

1215 "Cheap and Dirty Antennas" live demonstration Mr. Dean Straw, N6BV, Senior Technical Editor QST.

1345 ATV Dale Lam, WA0NKE, KC ATV Club

1530 Prize Drawing
1700 Close

* Other programs may be added

Prizes:

All cannot be listed but at least seven amateurs will take home an HT. Some twenty five others will not go home empty handed.

Over 60,000 sq ft. of exhibit space. Over 400, 8 foot tables and 60 commercial booths are available. Over 2,000 free parking spaces. Free RV parking (no hookups). KC Market Center is conveniently located just Northwest of US I 435 and Front Street.

Use exit #57 off US I 435 and West to first light and North to the site. Exit 57 is about 3 miles North of US I 70 or first exit South of the Missouri River on US I 435.

Hotels:

Park Place, on site $70. call (816)483-9900 or 1-800-821-8532, mention PHD for rate. Comfort Inn located US I 435 and Front Street,$40, call (816)483-7900 or 1-800-221-2222. Other close by hotels,Holiday Inn and the Red Roof Inn.

4575. Re: How much power is enough?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-3103951120370001@m14494-mac.mitre.org>
Source record: 249614

pruth@ocvaxa.cc.oberlin.edu wrote:

> I've acquired an HF station which came with an amp/autotuner which
> delivers 600 watts output 80-10m. The transceiver can put out 100w.
> How much need would I have of 600w...

The extra 500 watts will get you just a bit over one additional "S" unit at the receiving end, all other things being equal. Do you need it? Depends on whether one S unit will make the difference between making the contact and not; sometimes yes, sometimes no. My own experience, after running both high power and low, is that you can do almost as well, and have just as much fun, with 100 watts; it's cheaper, you don't nuke your neighbor's tv set, and it's more sporting to boot. It's your decision, of course, but since you asked, I'd say lose the amp and go barefoot. Just one ham's opinion.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4576. Re: Cq magazine highlights

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <796651258.AA00966@hamlink.mn.org>
Source record: 249615

Wanna buy some cookies..... motor oil..... CQ Magazine....?
Get 'em while they're hot!

4577. Re: BORING hams

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: mjsilva@ix.netcom.com
Message-ID: <3lhshe$rgc@ixnews2.ix.netcom.com>
Source record: 249616

In <3lflcb$ap0@newsbf02.news.aol.com> glago@aol.com (Glago) writes:

>
>Both you guys are great! I concur 100% with original letter, and as
much
>with reply. Its tough here in California too, with a bunch of old white
>men who just don't get it. I also turned the tables when I became club
>vice-pres in my first year of hamming. Many changes did not make many
>friends, but who cares, those who "get it" are with me all the way, and
we
>and club are better for it.

So, the pernicious influence of old white men has finally been exposed in amateur radio. Once you can figure out how to remove them, by hook or by crook, ham radio will no doubt experience a great flowering, fueled by all those fresh faces who "get it". Of course, those who happen to be white and male will have to be culled as they age and stultify, but they'll deserve whatever they get.

Mike, KK6GM

4578. Re: 40 meters: 3 Mhz wide?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3lh5fj$1ae@yrkpa.kias.com>
Source record: 249617

prvalko (prvalko@saturn.acs.oakland.edu) wrote:
: Kris I. Mraz (mraz@maverick.aud.alcatel.com) wrote:
: : VE3GRS, Steve, posted the March 18 edition of the RAC News Bulletin.

: : > IARU REGION 2 DIRECTORS MEETING HELD IN FEBRUARY
: : > IARU President Dick Baldwin W1RU, reported on the Region 3
: : > conference in Singapore. The IARU Secretariat's Administrative
: : > Council met while in Singapore and firmed up the goal of obtaining a
: : > full 3 Mhz of band for 40 metres on a world-wide allocation. According

: : Is this a typo? A full 3 Mhz of band for 40 metres? You'd need a log periodic
: : just to cover the 40m band! Can anyone at IARU confirm this IARU goal?
: operate phone above 7.100, just like U.S. hams do now.

This is a typo. The proposal is for 300 Khz NOT 3 Mhz
John K3NXU

4579. Need QSL address for HG8LVS

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: dave@flowserver.stem.com
Message-ID: <9503312147.AA02042@flowserver.stem.com>
Source record: 249618

Greetings! That's it...need an address for HG8LVS.

73 de dave, n9uxu

4580. Problem with FT-11R

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Joseph Herman <herman@yu1.yu.edu>
Message-ID: <Pine.A32.3.91.950331103432.22591B-100000@yu1.yu.edu>
Source record: 249619

Hello - I have a Yaesu FT-11R 2M handheld. I also have a "battery eliminator" which is hooked up to a gel-cell battery. I accidentally left the radio hooked up to the gel-cell overnight. There was a speaker mike attached, which has a red LED that lights up when the radio is off. So then, I go to the radio this morning, and the battery is completely dead - but worse, my HT's memories are erased! Not only that, when I try to key in a frequency, it will only let me type in the first three digits (eg, 147 instead of 147.255) those are the only two problems I have observed until now. Any ideas? Much thanx in advance.

- Joseph Herman KB2SFT |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu |Action is useless unless preceeded by thought -
- a196@lehigh.edu | -
- slammy@chop.isca.uiowa.edu |EMT, postpunk, ham radio, fencing, 'blades -
---

4581. ARLP015 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp015.1995@ampr.org>
Source record: 249620
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP015
ARLP015 Propagation de KT7H

ZCZC AP83
QST de W1AW
Propagation Forecast Bulletin 15 ARLP015
From Tad Cook, KT7H
Seattle, WA March 31, 1995
To all radio amateurs

SB PROP ARL ARLP015
ARLP015 Propagation de KT7H

Solar activity is still low. Flux peaked at 95 last week, but the average level was only slightly higher than the week before. Disturbed conditions peaked on the 26th, when the K index rose to six at 1500z, and the A index was 29 for the day. K indices are now back to low levels, and conditions should remain stable until April 2.

Solar flux should bottom out around 80 from April 6 thru 9, then rise above 90 after April 18.

Sunspot Numbers for March 23 through 29 were 78, 68, 67, 83, 56, 28 and 52, with a mean of 61.7. 10.7 cm flux was 94.2, 95, 92, 90, 89, 83.7 and 80.9, with a mean of 89.3.

The latest projection from the NOAA Space Environment Service Center shows solar flux reaching a minimum for this cycle around September or October, 1996 and the sunspot count reaching the same level around April through June of that year.

The same forecast shows levels rising back to the current level around two years from now.

The solar graphing program for Windows from Scott Craig, WA4TTK, is now available for anonymous FTP on the internet courtesy of the Boston Amateur Radio Club and WY1Z. The file name is SOL201W.ZIP and is in the directory /pub/hamradio at oak.oakland.edu.
NNNN
/EX

4582. Re: Callsign Database

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: I121171@relay.telecom.it
Message-ID: <3lh5mr$nk3@sgi.iunet.it>
Source record: 249621

```
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The bulletin is also available every Sunday evening calling Trance *free* BBS
in Italy (+39-11-482751 24hrs 28,8 bps).
```

4583. Butternut HF2V self-supporting?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Wayne_Estes@csg.mot.com
Message-ID: <9503311004.ZM20879@SALCIUS2>
Source record: 249622

This weekend I will ground-mount a Butternut HF2V vertical in my back yard.
I would like to hear from other HF2V owners.

60 mph freestanding wind rating seems marginal to me. I get occasional icing
in winter, and summer storms sometimes have 70 mph wind gusts.

Should I guy the antenna?

Would 12 ft. top-loading wires noticeably improve 80m signal reports?

Would the top-loading wires function satisfactorily as guy wires?

Anyone want to help me bury 600 feet of radial wires? (just kidding)

73 de Wayne Estes WD5FFH wayne@csg.mot.com

4584. Re: Problem with FT-11R

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Joseph Herman <herman@yu1.yu.edu>
Message-ID: <Pine.A32.3.91.950331145248.31012A-100000@yu1.yu.edu>
Source record: 249623

```
Cancel that last message - Yaesu tech support was really helpful - it
turns out that the microprocessor had reset itself - and she told me how
to fix it.
--------------------------------------------------------------------------
- Joseph Herman KB2SFT |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu |Action is useless unless preceeded by thought -
- a196@lehigh.edu | -
- slammy@chop.isca.uiowa.edu |EMT, postpunk, ham radio, fencing, 'blades -
--------------------------------------------------------------------------
```

4585. Interference in NYC

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Joseph Herman <herman@yu1.yu.edu>
Message-ID: <Pine.A32.3.91.950331145356.31012B-100000@yu1.yu.edu>
Source record: 249624

I've been on the NEw York area repeaters for about 6 months now - and it
has been great. Laterly, there are 1 or two guys who are really making
a concerted effort to ruin the fun that we are trying to have - I'm
talking about violently racis and anti-semitic statements on the air,
vulgar streams of obscenities...I want to do something about it - but I
don't know who to contact for help. I have never been on a foxhunt, and
I have no directional finding gear. I was wondering if anyone knew of
any organizations that can help - I just want to get rid of these people
- they really nauseate me when they are on the air - and they have
managed to find almost all of the repeaters that I use - and wreak havoc
on all of them...I just don't understand what kind of perverted enjoyment
they get out of it...

thanx in advance...

- Joseph Herman KB2SFT |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu |Action is useless unless preceeded by thought -
- a196@lehigh.edu | -
- slammy@chop.isca.uiowa.edu |EMT, postpunk, ham radio, fencing, 'blades -
---

4586. Re: ARRL Membership

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: Joseph Herman <herman@yu1.yu.edu>
Message-ID: <Pine.A32.3.91.950331150137.31012C-100000@yu1.yu.edu>
Source record: 249625

```
Not to mention that if you are under 21, the ARRL dues are only $15 a
year. That puts a whole new slant on things...personally, I like QST -
and I'd pay that much for the magazine alone...call 1-800-32-NEWHAM
and they will send you a junior membership form...

--------------------------------------------------------------------------
- Joseph Herman KB2SFT |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu |Action is useless unless preceeded by thought -
- a196@lehigh.edu | -
- slammy@chop.isca.uiowa.edu |EMT, postpunk, ham radio, fencing, 'blades -
--------------------------------------------------------------------------
```

4587. Re: Not much 2-m on the hw

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: donh@cup.hp.com
Message-ID: <D6Bw75.C8D@cup.hp.com>
Source record: 249626

Hans Brakob (k0hb@hamlink.mn.org) wrote:
: CC>Has anyone ever considered a mobile beacon to raise some activity on
: CC>VHF/UHF simplex frequencies when traveling? I usually have the
: CC>radio on but grow tired of calling to see if anyone is out there.
: CC>If there were a way to automatically check for activity and alert us
: CC>when someone else is in range, there may be more activity on 146.52.
: CC>The beacon could be as simple as a fast cw id at random intervals.
: CC>The id would only get transmitted if nothing breaks the squelch for
: CC>a programmable time. The delay would be to listen for ongoing QSO's
: CC>and other beacons. The beacon could also copy the cw id and provide
: CC>a display so the operator knows who is on the frequency.
: CC>
: My first reaction is "Wow", what a simple but great idea. Even
: without the ID display, just the CW breaking your squelch would
: be a start. A simple "QRZ?" would suffice if you missed the CW
: callsign.
*
* What about the NO CODE Techs, most will be unable to copy the call!
* This means they will have to perform a verbile 'QRZ'd.

* Just pulling chains..........
*
* Don WB6LPJ
*

4588. EME help?

Newsgroup: rec.radio.amateur.misc
Date: 1995-03-31 00:00:00 UTC
From: knob@netcom.com
Message-ID: <knobD6ABK9.3IK@netcom.com>
Source record: 249627

I'd like to start building a 2m EME station and would like to enlist the help of fellow netters...can anyone help me?

I have questions that other EME dudes could probably answer, like what is the favorite TX/RX? Favorite antennas? Favorite nets on HF to coordinate? Favorite magazines/newsletters? etc...

Any help is appreciated...

Thanks!

-Jeff <knob@netcom.com>
KA6LAF/FO0KI

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---
email knob@netcom.com t.t.f.n. (ta ta for now...)
-Tigger